M.O. Form 2373

THE DAILY WEATHER REPORT

BRITISH SECTION

1st April to 30th June

1933.

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, Jonsbu, Storfjord, and Torgilsbu which are for 7h. G.M.T.; while those for North America are made at 1h. G.M.T.

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

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

The observations shown for Russia and Siberia are especially to be noted from this standpoint of time. They are made at 7h. *local time* which implies that the absolute time to which they refer varies over a wide range, viz.; from 5h. G.M.T. in the longitude of Leningrad (35° E.) to 19h. G.M.T. of the *previous day* in longitude 180° E.

The map on the following page shows graphically the hours of observation over the various parts of the weather chart for the Northern Hemisphere.

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

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

The International and Upper Air Sections.

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

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

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

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

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

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

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

Upper Air Section:—The third section, called the "Upper Air Section" consists of 2 pp. Royal quarto per day and is issued in the same manner as the International Section. It contains maps, diagrams and tables showing upper air currents, pressures and temperatures over the British Isles and on the Continent of Europe.

THE BEAUFORT SCALE OF WIND FORCE.

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

GALE WARNINGS.

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

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

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

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

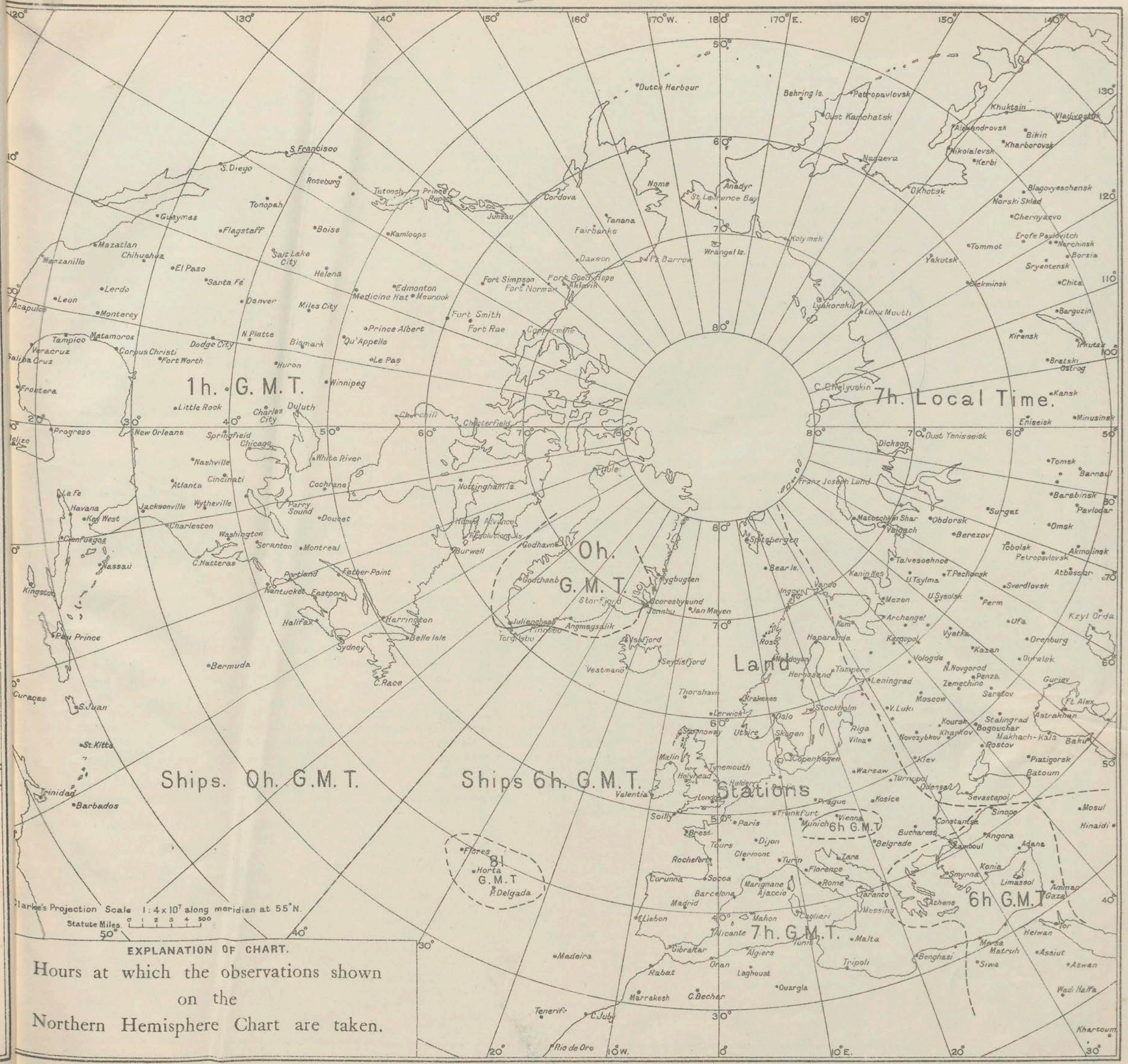
For gales commencing from East or West the South Cone will be hoisted if the gale is expected to change to a Southerly direction.

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

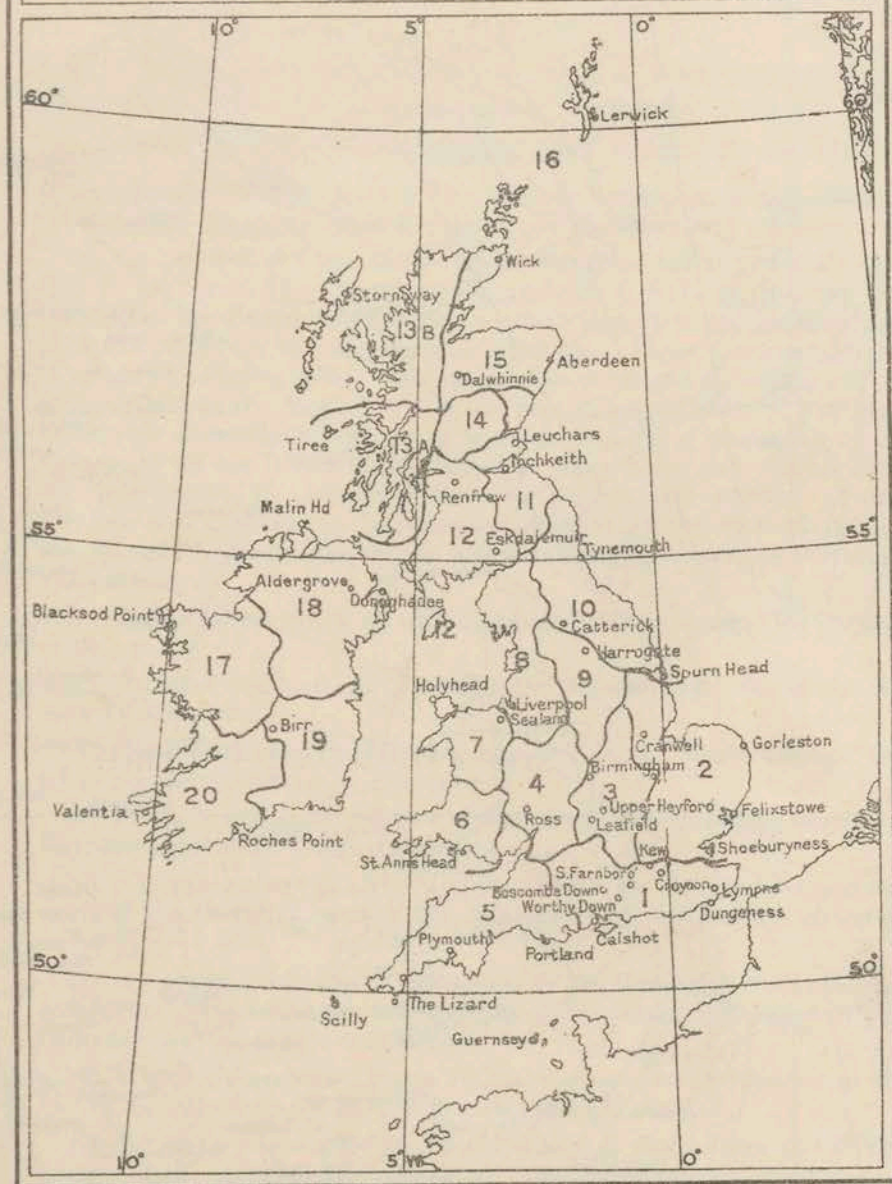
▲ North Cone hoisted: ▼ South Cone hoisted:

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

1937/2


1h. G. M. T.
7h. Local Time.
Oh. G.M.T.
Land
Ships. Oh. G.M.T.
Ships 6h. G.M.T.
Stations
6h G.M.T
6h G.M.T
7h. G.M.T.
81 G.M.T
Clarke's Projection Scale 1:4x10⁷ along meridian at 55°N.
Statute Miles 0 1 2 3 4 500
EXPLANATION OF CHART.
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.

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.

Renfrew.—As from 1800 hours on 26th February, 1933, the observations for Renfrew have been taken from a new site on an aerodrome called "Abbottsinch," which is less than a mile distant from the former site.

Lerwick.—The telegraphic reporting station at Lerwick, which is under the care of H.M. Coastguard, was moved from Fort Charlotte to the Knab on 16th September, 1932. The exposure for wind at the Knab is considerably superior to that at Fort Charlotte.

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 1,500-2,600 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 temperatnre 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.

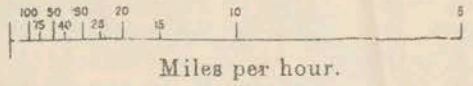
The scale below can be used to determine the theoretical wind as deduced from the pressure distribution on either chart. On the assumption that the path of the air is straight this theoretical wind is called the Geostrophic Wind.

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.

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AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

MONTHLY SUPPLEMENT, APRIL 1933. Nº 196

Warmer and mainly drier than usual.

Mainly anticyclonic conditions prevailed throughout the month, with rainfall deficient in England, Wales and Ireland but about normal in Scotland. At Birmingham and Ross-on-Wye the period from the 1st to the 22nd was one of absolute drought. Temperature was generally some 5°F. above normal despite the spell of cool weather which set in on Easter Mon., 16th.

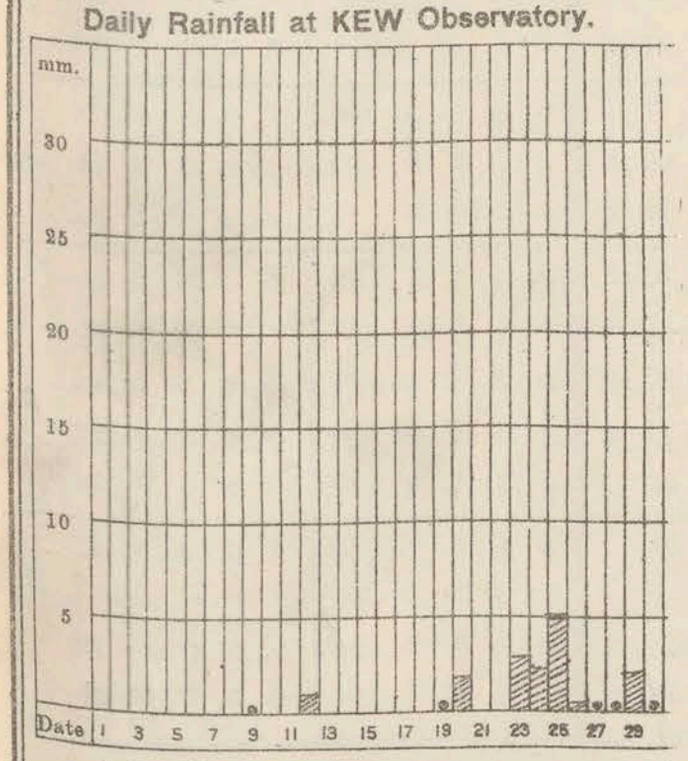
From 1st.- 10th the southern half of the country was covered by an anticyclone, which on the 6th and 7th extended northwards over the whole country. Depressions on the Atlantic moved north-eastwards and pressure was low also over Scandinavia. Slight rain occurred on 1st in parts of England and Wales and snow or sleet showers in Scotland. In South and East England sunny, dry conditions, with high day temperatures, occurred, daily sunshine amounts exceeding 10 hrs. being frequent. Over the remainder of the country rain or drizzle occurred at intervals, with, however, considerable periods of sunshine.

On 11th - 12th a trough of low pressure advanced from the Atlantic but was quickly followed by another anticyclone which affected most of the country until the 16th, although on the 15th Scotland was under the influence of a vigorous depression moving from the Faeroes to Norway. The 11th was the warmest day of the year in Southeast England, temperature rising to over 70°F. at several places. Unsettled conditions continued in Scotland and Ireland, but on 12th over 10 hrs. sunshine occurred in parts of Scotland.

The spreading southwards of an anticyclone from Iceland on the 16th and 17th was accompanied by a marked fall of temperature on the latter day, maxima being some 10° to 17°F. lower. Cold, squally, northeasterly winds were general until 21st and showers of rain, hail, sleet and snow occurred, particularly in the East and North. Sunshine records showed wide variations but daily values at a number of places exceeded 10 hrs.

On 22nd. Western Ireland became influenced by a complex depression on the Atlantic. This depression gradually affected the whole country, maintaining mild conditions, with rain at times in all districts, but also considerable periods of fair weather. During the closing days of the month pressure became almost uniform as the depression filled up over the country. Thunder-storms occurred locally in Southern England on the 29th and in Eastern England on the 30th. There were, however, some good sunshine records at this time especially in the West and Southwest.

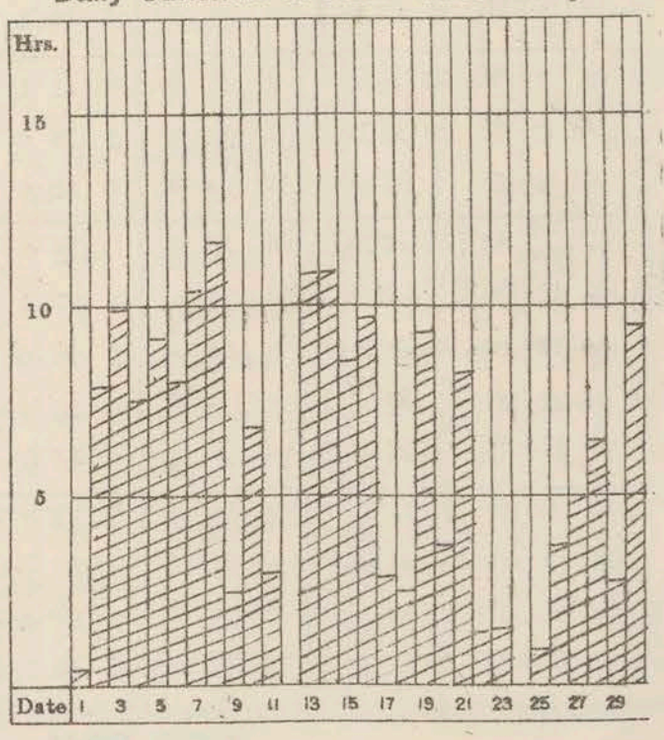
Daily Rainfall at KEW Observatory.



*=Less than 0·5 mm.

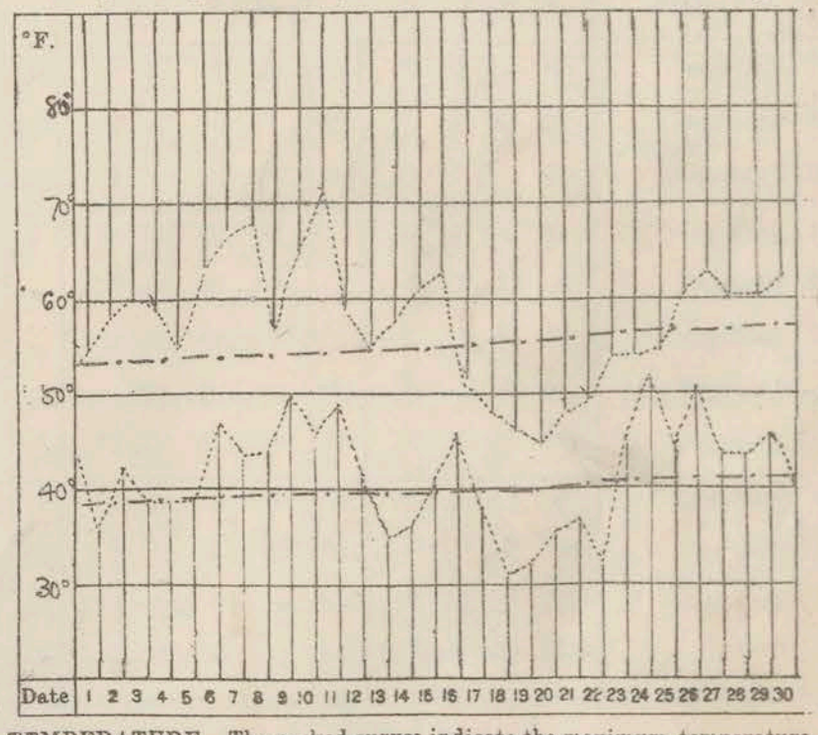
RAINFALL. Total for Month. 17 mm.

Daily Sunshine at KEW Observatory.



SUNSHINE. Total for Month. 175 hrs.

Daily Range of Temperature at KEW Observatory.



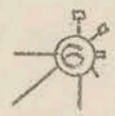
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

Stations.	PRESSURE Mean	PRESSURE Difference from average	TEMPERATURE Mean	TEMPERATURE Difference from average
	mb.	mb.	°F.	°F.
Kew	1019.9	+5.5	49.7	+2.3
Aberdeen	1016.6	+3.9	45.9	+1.9
Valentia	1017.4	+3.6	50.1	+2.0

* Pressure — mean for the 24 hours.
Temperature — mean of Max. and Min.

WIND FREQUENCIES AT 7 hr.

Kew	Aberdeen	Valentia
		

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

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

	miles.
Kew ...	4884
Aberdeen ...	6,410
Lerwick ...	12,760
Valentia ...	7,105

SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY,

†TEMPERATURE.

	Stations.	Number of daily readings within fixed limits. Maximum. 42°–50°	51°–59°	60°–68°	69°–77°	Normal Max.	Minimum. 24°–32°	33°–41°	42°–50°	51°–59°	Normal Min.	Extremes—Warmest and Coldest. Days. Highest Max.	Date.	Lowest Max.	Date.	Nights. Highest Min.	Date.	Lowest Min.	Date.	Number of Ground Frosts.
						°F.					°F.	°F.		°F.		°F.		°F.		
1	London ... (Kew Obsy).	5	12	12	1	55·0	3	10	15	2	39·5	71	11	45	20	52	25	31	19	12
	Croydon ...	5	11	11	3	*	2	11	16	1	*	71	11	46	20	52	25	32	14, 19	9
	Calshot** ... (Southampton)	4	20	6	0	*	2	15	13	0	*	64	8	50	19, 20, 21	50	25, 27	32	19, 20	8
	Lympne ...	8	15	7	0	*	4	10	16	0	*	67	8	43	19	48	10	30	14, 19	7
2	Shoeburyness...	6	11	11	2	54·3	4	11	15	0	39·5	72	11	48	19, 20, 22	49	10, 12	28	19, 23	8
	Gorleston ..	10	13	7	0	50·0	1	10	18	1	39·8	66	11	46	19, 20, 21	52	10	32	19	2
	Cranwell .:.	5	14	11	0	54·0	6	12	12	0	37·3	67	7, 8	47	19, 20	49	25, 27	26	21	7
3	Birmingham ... (Edgbaston)	8	16	6	0	53·2	3	11	15	1	38·4	66	7	44	19	51	25	30	19	8
4	Ross-on-Wye ...	5	16	9	0	56·4	5	13	11	1	38·5	68	7	46	19	52	25	29	19	17
5	The Lizard ...	4	26	0	0	*	0	5	25	0	*	59	16	48	18, 19, 20	50	25	39	20	*
7	Holyhead ...	6	24	0	0	51·2	0	8	22	0	41·5	57	17, 24	45	19	49	25	36	21	3
8	Liverpool ... (Bidston)	11	19	0	0	52·4	1	8	20	1	40·2	58	10, 16, 25, 26	43	19	51	25	32	19	2
10	Tynemouth ...	12	13	5	0	50·5	0	11	18	1	37·7	64	8, 11	43	18	51	16	34	19	0
11	Inchkeith** ...	10	19	1	0	*	0	10	20	0	*	60	6	47	18, 19, 20, 21, 30	49	9, 10	35	19	2
12	Renfrew ...	6	22	2	0	*	4	10	16	0	*	60	6, 24	46	19	49	5, 10, 11, 16	29	14	6
	Eskdalemuir ...	14	16	0	0	*	5	14	11	0	*	57	9	44	19	47	25	25	21	7
13B	††Stornoway C.G.	16	14	0	0	49·5	0	13	17	0	37·5	56	25	45	18	47	10, 11, 26	34	13, 21	*
15	Aberdeen ...	14	14	2	0	50·2	4	13	12	1	37·5	62	9, 11	42	17	52	10	28	14	5
18	Aldergrove ...	6	19	5	0	*	4	6	19	1	*	63	7	46	19	51	9	27	22	6
19	Dublin ... (Phœnix Park)	4	13	13	0	53·0	2	13	14	1	37·4	66	7	45	19	51	26	31	13, 14	10
	Birr Castle ...	2	19	9	0	54·2	5	7	17	1	38·0	63	8, 16, 17	48	20	51	9	30	13, 20, 22	10
20	Valentia ... (Cahirciveen)	3	26	1	0	53·4	0	6	21	3	42·6	61	17	48	20	51	9	33	21	2

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.
1	0	12	3	0	20	1	0	20	1
	3	9	2	2	21	0	1	21	1
	8	11	1	2	19	1	3	14	1
	8	8	7	2	20	0	2	10	6
2	1	17	4	0	22	1	0	19	2
	2	18	0	3	24	0	2	22	0
	6	11	3	2	25	0	1	21	2
3	1	14	1	0	25	0	1	21	1
4	0	19	2	0	25	1	0	24	0
5	4	26	0	4	24	2	3	25	2
7	8	15	4	4	23	2	3	17	6
8	3	22	0	2	24	0	1	20	3
10	0	30	0	0	29	0	0	30	0
11	4	26	0	1	29	0	0	30	0
12	4	20	2	2	27	0	2	22	4
	12	14	0	9	21	0	12	16	0
13B	5	25	0	4	26	0	3	27	0
15	4	21	1	4	25	0	4	22	1
18	10	15	3	7	23	0	2	25	1
19	*	*	*	*	*	*	*	*	*
	0	23	0	0	28	0	0	27	0
20	5	22	2	6	22	1	6	20	1

FOG, MIST and GOOD VISIBILITY.

Number of observations within fixed limits.

	7 h. Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	13 h. Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.
1	0	0	1	1	6	0	0	0	0	23
	0	0	0	0	6	0	0	0	1	19
	0	1	1	4	13	0	0	0	0	22
	0	0	2	2	14	0	0	1	1	22
2	0	0	0	2	11	0	0	0	0	20
	0	0	1	1	5	0	1	0	1	6
	0	1	2	4	13	0	0	0	0	15
3	0	0	2	2	11	0	0	0	0	19
4	0	2	0	1	15	0	0	0	0	23
5	0	2	2	0	24	0	2	0	0	26
7	0	0	1	2	14	0	0	1	0	21
8	0	0	0	4	20	0	0	0	0	23
10	0	0	0	0	12	0	0	0	0	22
11	0	2	0	1	22	0	0	0	0	24
12	0	1	1	1	15	0	0	0	0	22
	0	1	0	0	17	0	0	0	0	22
13B	0	0	0	0	25	0	0	0	0	27
15	0	0	0	1	19	0	0	0	0	21
18	0	0	0	1	23	0	0	0	0	23
19	*	*	*	*	*	*	*	*	*	*
	0	0	0	0	30	0	0	0	0	30
20	0	0	0	0	30	0	0	0	0	28

UPPER AIR TEMPERATURE.

Pressure. mb.	Normal Height. Feet.	Normal Temperature. °F.	Duxford. Mean. °F.	No. of Reports.	S. Farnborough. Mean. °F.	No. of Reports.	Mean. °F.	No. of Reports.
950	1760	41	43	36	48	10		
850	4700	31	35	36	35	10		
750	7950	23	26	36	27	9		
650	11,590	12	14	33	13	7		
550	15,720	−3	−0·3	29	−4	4		

UPPER WINDS.

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

Station.	Lympne. Height. Feet.	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	79	13	59	7	–	–	56	15	38	3	–	–	50	10	34	6	–	–	41	8	24	9	–	–	2,000
	5,000	56	7	38	11	–	–	35	12	20	3	–	–	33	5	21	6	1	–	14	2	10	2	–	–	5,000
	10,000	10	1	8	1	–	–	12	5	6	1	–	–	16	2	8	6	–	–	2	2	–	–	–	–	10,000
	15,000	2	1	1	–	–	–	6	–	6	–	–	–	5	1	2	2	–	–	1	–	1	–	–	–	15,000

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

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

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

SUNSHINE, RAINFALL, AND HUMIDITY — APRIL 1933

SUNSHINE.

District	Stations	Number of Days with duration: Nil	0·1—3h.	3·1—6h.	6·1—9h.	Above 9h.	Maximum Duration: Hours	Date	Total for past 12 months. Hours.	Difference from average. Hours.	Total for Month. Hours.	Difference from average. Hours.	Highest and Lowest Totals on record for Month: First year of record	Highest. Hrs.	Year.	Lowest. Hrs.	Year.
1	London ... (Kew Obsy).	2	9	3	8	8	11·8	8	1405	+70	175	+18	1880	244	'93	79	'20
	Croydon ...	2	6	8	7	7	12·0	8	1430	*	172	*	1922	176	'27	112	{'24 '32
	Calshot** ... (Southampton)	3	4	9	6	8	12·4	30	1555	*	183	*	1881	277	'93	96	'20
	Lympne ...	1	3	7	10	9	12·4	14	1696	*	205	*	1921	237	'21	131	'31
2	Shoeburyness ...	3	4	9	9	5	12·2	14	1653	*	162	*	1919	227	'21	99	'20
	Gorleston ...	3	7	7	7	6	11·6	14	1390	-315	155	-29	1908	268	'09	119	'18
	Cranwell ...	3	10	5	7	5	10·9	13	1349	-199	137	-28	1921	194	'21	119	{'31 '32
3	Birmingham ... (Edgbaston)	2	11	6	8	3	11·5	8	1252	-25	135	0	1897	208	'14	58	'05
4	Ross-on-Wye ...	1	9	8	3	9	12·6	13	1509	+23	164	+14	1915	207	'16	72	'20
5	Falmouth ... (Observatory)	3	7	9	4	7	12·8	15	1589	-170	162	-22	1881	272	'06	112	'31
7	Holyhead ...	2	8	5	~~8~~ 7	~~7~~	11·7	{14 28	1552	-54	175	-6	1914	231	'14	91	'20
8	Liverpool ... (Bidston)	1	8	11	7	3	11·6	13	1350	-106	146	-12	1908	228	'09	77	'20
10	Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11	Inchkeith** ...	2	16	6	4	2	9·9	18	1424	*	97	*	1923	173	'25	127	'23
12	Renfrew ...	4	12	6	3	5	10·3	{6 18	1135	*	118	*	1921	162	{'21 '22	101	'26
	Eskdalemuir ...	6	14	2	8	0	9·0	18	1110	-105	88	-44	1910	154	'14	85	'26
13B	††Stornoway C.G.	6	9	6	7	2	~~12·3~~ 11·9	18	1137	-122	~~111~~ 105	~~-43~~ -49	1881	216	'02	107	'87
15	Aberdeen ...	7	9	4	6	4	11·1	12	1282	-105	113	-45	1881	235	'06	90	'23
18	Aldergrove ...	7	8	10	3	2	11·2	21	1218	*	95	*	1926	168	'32	115	'32
19	Dublin ... (Phœnix Park)	2	4	16	4	4	11·3	14	1353	-154	146	-19	1881	238	'14	101	'05
	Birr Castle ...	5	9	6	7	3	12·1	19	1235	-108	129	-25	1881	245	'14	89	'05
20	Valentia ... (Cahirciveen)	5	11	5	6	3	11·1	{13 16	1200	-248	112	-48	1880	258	'87	75	'05

RAINFALL.

District	Stations	‡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).	23	1	5	1	0	0	5	25	596	-10	17	-20	1871	101	'78	1	'12	1	2
	Croydon ...	22	3	5	0	0	0	5	25	633	-46	17	-25	1921	104	'26	27	'29	1	1
	Calshot** ... (Southampton)	22	3	2	3	0	0	8	25	841	+195	27	-10	1871	110	'07	2	'12	0	1
	Lympne ...	21	4	2	3	0	0	9	28	700	-24	29	-13	1920	91	'26	24	'29	0	2
2	Shoeburyness ...	23	2	4	1	0	0	6	25	468	-12	14	-15	1920	99	'26	26	'29	1	2
	Gorleston ...	20	6	3	1	0	0	9	25	512	-110	20	-18	1871	100	'71	3	'93	1	0
	Cranwell ...	18	7	3	2	0	0	12	30	797	+207	37	+3	1917	110	'20	16	'28	1	1
3	Birmingham ... (Edgbaston)	24	1	5	0	0	0	5	23	827	+153	18	-26	1893	118	'20	6	'12	1	1
4	Ross-on-Wye ...	24	1	4	1	0	0	11	28	811	+93	27	-21	1859	143	'89	4	'12	1	1
5	Falmouth ... (Observatory)	19	0	7	3	1	0	15	29	1188	+81	60	-7	1871	179	'82	2	'93	0	0
7	Holyhead ...	21	2	5	2	0	0	6	24	859	-29	23	-30	1871	97	'08	6	'12	0	0
8	Liverpool ... (Bidston)	19	6	4	1	0	0	6	23	684	-25	20	-21	1867	101	'20	5	'12	0	1
10	Tynemouth ...	15	6	8	1	0	0	7	25	582	-39	29	-7	1915	78	'31	13	'15	0	0
11	Inchkeith** ...	16	8	4	2	0	0	12	29	566	+12	37	+8	1870	108	'71	5	'91	1	0
12	Renfrew ...	17	6	3	4	0	0	15	24	1080	+155	51	-6	1921	124	'25	19	'21	1	0
	Eskdalemuir ...	13	4	9	4	0	0	14	26	1802	+373	77	-9	1910	191	'25	20	'18	1	3
13B	††Stornoway C.G.	7	7	11	5	0	0	9	14	1095	-171	72	-5	1870	172	'04	10	'91	0	1
15	Aberdeen ...	12	6	9	3	0	0	12	15	811	+73	53	+5	1871	126	'71	10	'12	1	5
18	Aldergrove ...	20	2	6	2	0	0	11	24	843	*	33	*	1926	75	'32	30	'29	0	1
19	Dublin ... (Phœnix Park)	20	6	3	1	0	0	8	23	773	+72	16	-30	1877	98	'77	12	'28	0	0
	Birr Castle ...	21	3	4	2	0	0	7	23	778	-51	25	-30	1872	121	'94	18	'90	0	0
20	Valentia ... (Cahirciveen)	19	4	3	2	1	1	25	22	1294	-120	74	-19	1870	167	'01	28	'93	0	0

MINIMUM SURFACE HUMIDITY.

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

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

STATE OF GROUND AT 18h.

No. of Days each type was recorded.

Stations	0	1	2	3	4	5	6	7	8	9
London (Kew)	25	5	0	0	0	0	0	0	0	0
Ross-on-Wye	23	7	0	0	0	0	0	0	0	0
Renfrew ...	13	17	0	0	0	0	0	0	0	0
Eskdalemuir	1	29	0	0	0	0	0	0	0	0
Aberdeen ...	7	23	0	0	0	0	0	0	0	0
Valentia ...	16	14	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.

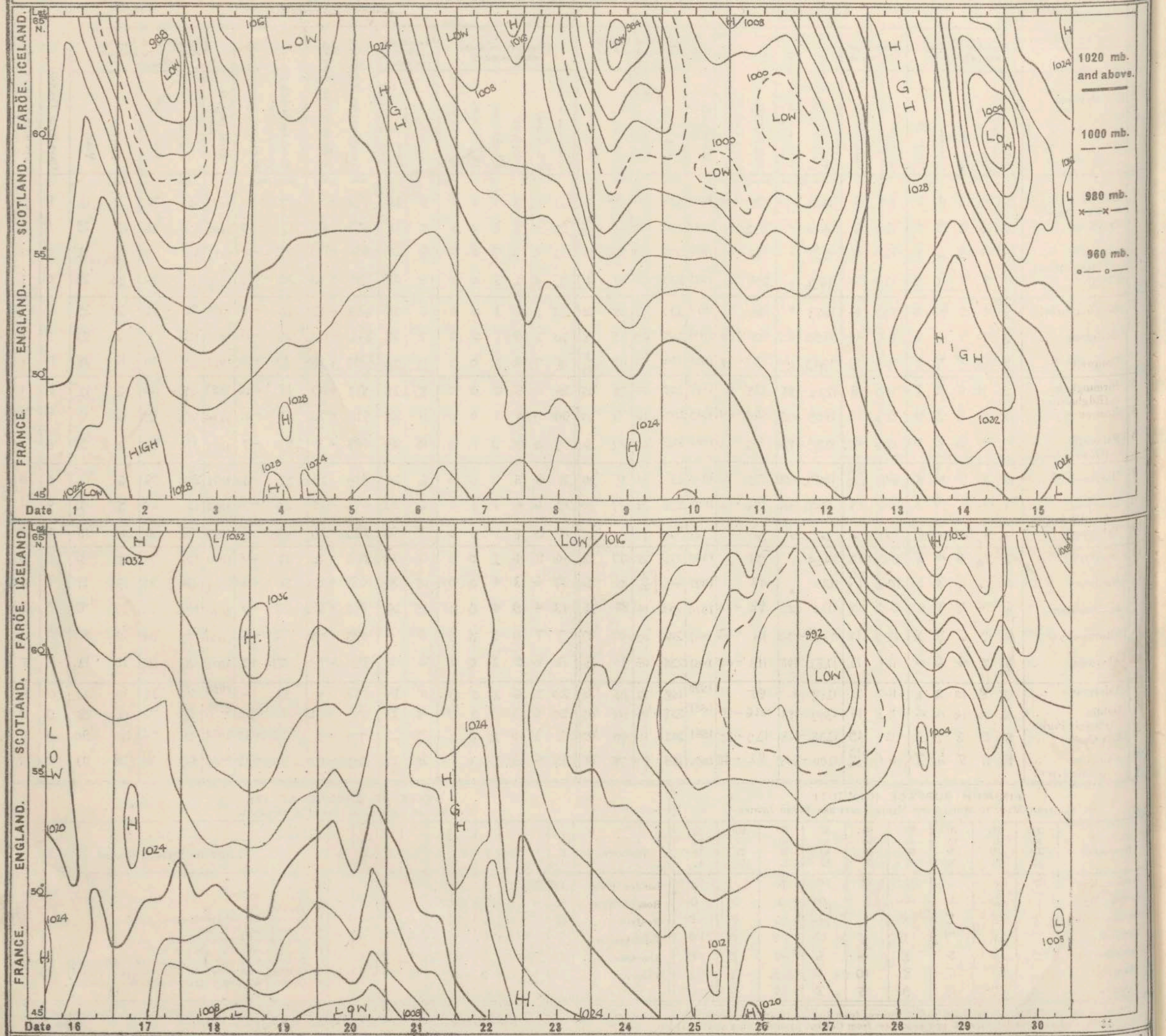
‡ Based in part on reports made by telegraph in which the day and night measurements are rounded off to the nearest whole millimetre. Small discrepancies may arise between these totals and those given in the Monthly Weather Report which are based on readings taken to 0·1 mm.

†† *Observations Coast Guard began Sept., 1930. Normals and extremes for old Station.*

29

PRESSURE: ICELAND TO GULF OF LIONS. APRIL 1933.

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.

P8.697/2574. Wt.56. D.6003. Gp.908. 930. 5/33.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 1st April 1933.

No. 26,063

OBSERVATIONS at 13h. G.M.T. 31st 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)	1020·8	-8	SW	3	c	53	55	7	8	-	-	7-8	7-8	4000
	Croydon	1020·8	-10	SW	4	c	54	55	8	8	-	1	7-8	9	2500
	S. Farnborough	1020·7	-12	W'S	4	c	54	45	8	8	-	8	7-8	9+	4000
	Winchester	1021·0	-12	SW'S	3	c	50	65	8	8	1	-	9+	10	4000
	Bosecombe Down	1020·9	-8	SW	4	c	50	65	7	8	1	-	7-8	9+	1500
	Calshot, S'thmtn	1021·8	-12	SSW	5	c	51	75	7	8	-	-	7-8	7-8	2500
	Dungeness	*	*	SW	4	bc	*	*	7	7	7	*	4-6	4-6	1500
	Lympne	1021·5	-6	SW	3	bc	54	55	8	1	-	1	4-6	4-6	4000
2	Shoeburyness	1020·5	-6	SW'W	4	bc	54	45	6	8	-	-	4-6	4-6	4000
	Felixstowe	1020·0	-6	W	3	bc	54	45	8	1	-	-	4-6	4-6	2500
	Gorleston	1019·5	0	W'N	4	bc	53	55	6	1	-	-	4-6	4-6	4000
	Cranwell	1017·3	-10	WSW	4	bc	54	55	7	8	-	-	4-6	4-6	4000
3	Birmingham	1018·5	-2	WSW	4	c	50	55	8	9	1	-	2-3	9	2500
	Upper Heyford	1019·7	-6	WSW	4	c	51	55	8	7	-	8	7-8	9+	2500
4	Ross-on-Wye	1019·0	-12	SW	3	c	50	65	7	5	-	-	10	10	2500
5	Portland Bill	1022·1	-10	WSW	4	c	49	75	8	4	-	-	7-8	7-8	2500
	Plymouth	1022·0	-10	W	4	cpr.	48	95	7	6	7	-	4-6	9+	1500
	The Lizard	1022·4	-4	W'S	4	c	53	75	8	8	6	-	4-6	9	2500
	Scilly (St. Mary's)	1021·8	-16	WSW	5	c/pr.	49	95	7	8	7	-	(7-8)	9	4000
	Guernsey	1024·0	-4	SW	3	c	53	75	8	8	2	-	7-8	10	2500
*	Pembroke	1018·6	-12	SW	3	c	49	85	7	5	4	1	4-6	7-8	4000
7	Holyhead	1016·4	-8	SW'S	4	o	49	85	7	5	-	-	10	10	4000
	Chester (Sealand)	1017·3	-8	SW'W	3	c	51	55	8	5	2	-	7-8	10	4000
8	L'pool (Bidston)	1016·6	-6	SW	4	cu	50	65	8	8	1	-	7-8	10	2500
9	Harrogate	1015·7	0	WSW	3	c	47	75	8	3	1	-	2-3	9+	2500
10	Spurn Head	1017·0	0	WNW	4	c	50	75	6	3	2	-	4-6	7-8	2500
	Catterick	1015·2	-2	WSW	3	c	48	65	8	8	2	-	4-6	10	2500
	Tynemouth	1013·4	-4	W	3	c	52	65	7	2	-	-	7-8	7-8	2500
11	Inchkeith	1011·8	-10	SW	3	c	48	75	7	8	-	-	9+	9+	2500
	Leuchars	1011·3	-6	WNW	3	cpr.	47	85	7	8	7	8	7-8	9+	2500
12	Renfrew (Abbotts L.)	1012·0	-4	SW	3	cir	47	85	6	9	2	-	9	10	1500
	Eskdalemuir	1012·6	-8	SW	4	c/prh	46	75	8	9	1	-	7-8	10	1500
13A	Tiree	1010·9	+4	W'S	3	c	49	75	8	8	7	8	4-6	9	1500
13B	Stornoway	1008·6	0	WNW	1	c	48	75	8	9	2	-	7-8	10	1500
15	Dalwhinnie	1011·8	-2	S	1	c	45	65	8	4	2	-	4-6	9	2500
	Aberdeen	1009·8	+2	W'N	3	c	51	45	8	8	7	-	4-6	7-8	1500
	Wick	1007·4	+6	W	4	c/pr	47	75	8	9	1	3	4-6	9	1500
16	Lerwick	1001·4	+8	W'N	4	c/p	44	75	8	8	2	-	4-6	9	1500
17	Blacksod Point	1010·6	-8	SW	2	dr	48	95	7	6	-	-	10	10	<150
18	Malin Head	1011·3	-2	SW	1	c	47	95	7	8	2	-	9	10	1500
	Aldergrove	1013·5	-6	SSW	4	cfr.	47	85	8	6	2	-	9	10	800
	Donaghadee	1013·4	-12	WSW	1	cir.	47	85	7	5	-	-	9	9	1500
19	Birr Castle	1013·9	-20	SW	3	c/r	51	75	8	5	1	-	7-8	10	2500
20	Valentia Obsy.	1014·2	-16	S	3	ir.	47	95	8	6	-	-	10	10	800
	Roches Point	1015·4	-16	SW	4	ir	47	95	7	6	-	-	10	10	1500

OBSERVATIONS at 18h. G.M.T. 31st 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)
1019·3	-6	SW	3	c	48	75	7	5	7	-	7-8	9+	4000	0	*
1020·0	-2	SW'S	4	c	49	65	6	7	7	-	4-6	9+	2500	1	*
1019·3	-6	SW	4	c	47	85	7	9	1	8	7-8	9+	2500	0	*
1019·5	-8	SSW	3	c	46	85	7	5	1	-	7-8	9+	5700	1	*
1019·1	-8	SW'S	3	c	47	75	8	5	7	-	7-8	10	1500	0	*
1020·0	-10	SW'S	5	pr.	48	85	7	8	4	-	7-8	9+	2500	0	2
*	*	SW	6	c	*	*	7	3	4	*	2-3	7-8	1500	*	3
1021·0	-6	SW'W	4	c	47	75	8	4	4	7	4-6	9+	4000	0	*
1019·4	-8	WSW	3	c	50	65	7	5	1	-	4-6	7-8	4000	0	*
1018·7	-6	SW'S	5	c	49	75	7	5	2	7	2-3	9+	4000	0	2
1017·5	-6	SW'S	2	c	52	65	6	4	2	-	4-6	9	2500	0	2
1016·6	-6	SW	3	ir.	47	85	6	6	2	-	7-8	10	2500	1	*
1016·4	-10	SW	3	c	47	75	7	6	7	-	4-6	9+	2500	1	*
1018·1	-8	SSW	3	pr.	47	75	8	8	7	-	7-8	9+	1500	0	*
1016·9	-10	SW	4	pr.	48	75	8	6	1	-	2-3	10	2500	1	*
1019·7	-18	SW	4	c	48	85	8	4	-	-	10	10	1500	0	3
1019·6	-12	SW	6	c/R	48	95	7	6	7	-	7-8	9+	1500	1	4
1019·7	-10	SW'W	4	bc	50	85	8	8	4	-	4-6	4-6	2500	0	3
1019·3	-22	WSW	5	c	49	95	6	8	7	-	7-8	9	4000	0	3
1021·8	-12	W	3	c	49	65	8	?	?	+	7-8	7-8	4000	0	3
1014·0	-20	SW	4	ir.	47	95	7	5	-	-	9+	9+	1500	1	2
1014·2	-10	SSW	4	id.	47	95	5	6	-	-	10	10	800	1	1
1015·2	-12	SW'S	2	c	50	65	8	5	1	-	4-6	9+	2500	1	*
1014·6	-4	WSW	2	rr	46	95	6	6	-	-	10	10	1500	1	*
1014·9	-6	SSW	1	c	45	75	7	6	2	-	9	10	2500	0	*
1015·1	-4	WSW	3	c	49	75	6	5	2	-	4-6	10	2500	0	2
1014·2	-4	SW'S	2	c	46	85	7	6	2	-	4-6	10	1500	0	*
1012·8	+4	WSW	2	o/pr.	50	75	6	6	-	-	10	10	1500	0	1
1011·8	0	SW	4	c	45	85	7	5	7	9	4-6	7-8	2500	0	2
1011·3	+2	WSW	3	ir.	48	75	8	2	6	8	1	4-6	1500	1	*
1011·7	-2	WSW	3	c	47	85	7	8	-	-	9	9	1500	1	*
1012·6	-2	SW	4	rr	42	95	6	6	-	-	10	10	800	1	*
1011·9	+10	W	2	c	47	85	8	4	8	3	4-6	9	1500	0	2
1010·1	+8	WNW	2	c/pr	44	85	8	8	6	-	4-6	9	1500	1	1
1011·4	+2	W	2	c	42	85	8	4	4	-	4-6	7-8	2500	0	*
1010·1	+8	W'S	1	c	46	85	7	8	7	-	7-8	9+	2500	1	1
1008·1	+4	NW	3	c	46	85	8	8	6	3	4-6	7-8	2500	1	2
1002·8	+8	W'N	5	c	43	65	8	8	6	0	4-6	7-8	1500	0	*
1011·9	+10	-	0	c	48	95	8	-	4	-	-	7-8	-	0	2
1011·4	+2	E	1	c	46	95	7	8	1	-	9	9+	450	1	1
1012·3	-2	S	2	c/r.	47	95	7	5	-	-	9+	9+	1500	1	*
1012·7	-4	WSW	2	r.	47	95	7	6	-	-	9+	9+	800	1	1
1012·3	-10	SW	1	rr	47	95	7	6	-	-	10	10	1500	1	*
1014·4	+2	W'N	3	c/pr	48	75	8	8	-	1	7-8	7-8	1500	1	2
1013·3	-8	SW	4	bc	49	85	8	3	-	+	4-6	4-6	2500	0	4

PAST 24 HOURS.

Weather. 7h.–13h. 31st. (37)	13h.–18h. 31st. (38)	18h. 31st to 1h. 1st. (39)	1h.–7h. 1st. (40)
bcc	c	bem.	bcc
bbc2.cy	cy	c3.pr.	cbcc
cbcb, cv	cyy cpr.	c	c
cbcc	cpr.	crc	cd.m.
bcc	cpr.c	cir.	cid.
bc	cpr.	cprb	bbc
bc	o		bc
bbc	bcc	co	obc
bcm.	bcm.c	c	cm.
bcc	bcy pr.c	cbc	bcrr.c
bcqy	bcqy	c	cc..
bc	bcc.q		crr.
cbc	cir	corr	oc
cbccy	cmbr	cir.	cir.
cbcc	cpr.c	corc	c
bcc	c	cbc	bcc
cm.pr.r.	cpr.c RR	crr.	cr..
cpr.c	pr. bc	cp.c	cpr bc
cp.	cp.c	p.ir.	cbc
bcc	bcc	bc	bc
c	cg ir.	b	bbc.ffec
cm.c	cpr..	id.m.	om.ifo
c	ir.c	r.rc	c
ccu	ccrro	cr..	c
cbc	c	epmr	c3br
bcc	c	cr.	bc
c	cr.	cr.bc	cbcc
bcc	co p.	cir.c	
pr.	cir.	cbc	c
bcw cpr	cpr cir.	cr. bvw	bwcv
cir.	cm.r r.c	cbc	bcc
cpr.	orrc		c
c	c	cbc	cbc
cpr.	cpr	cpr bc	bc
c	cr.	cr.bc	cbcc
cbccy	cpl. pr.o	cpr	cpr.c
cpr.c	cpr.c	cpr	cprs
cpr.	cpr.	cpr.	cphr
ld.	ir.	p.c	cbc
cpr	cpr.	tpr	cpr
cr.drm.	cr.r.	crr.c	c
bcc ir.	cr.r.	cir.c	c
cr.	corr	rrair	rrc
cirr. ir ir.	cir. pr pr.c	cbc pr bc	bcc
coir	oir. bc	cp 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., slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☽, lunar halo. ⁿᵉ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without 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 28.—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.*

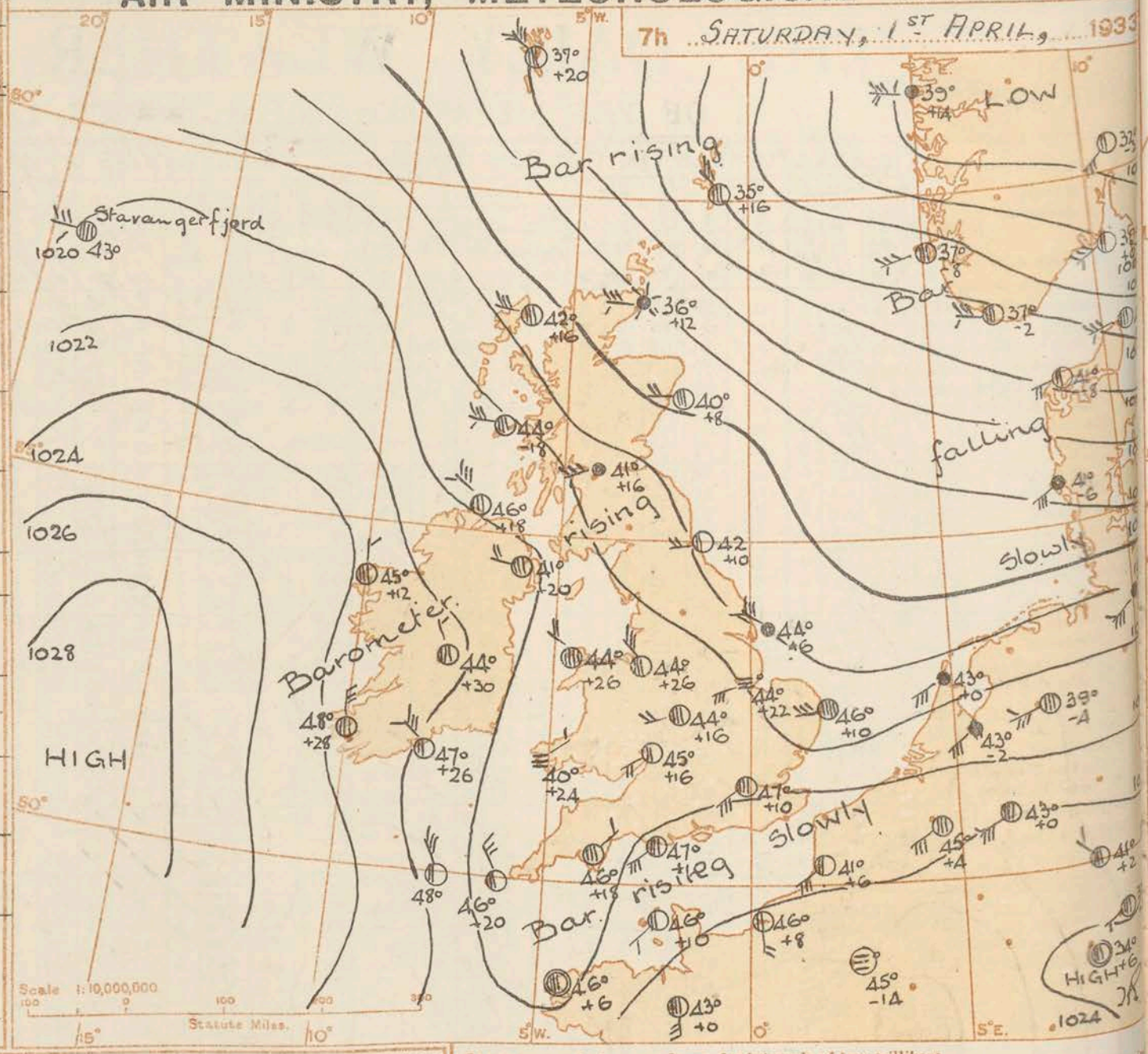
REPORTS from HEALTH RESORTS for 31st March 1933.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 30th to 9h. 31st	Temperature. Max. 9h.—17h. 31st	Rainfall. Night. 17h. 30th to 9h. 31st	Rainfall. Day. 9h.—17h. 31st	Sunshine. Sunrise to 17h. 31st	Sunshine. Sunrise to Sunset. 30th
1	Tunbridge W.	bc	opoc	29	54	–	Tr	6.7	6.8
	Bournemouth	bc	or	36	53	–	1	4.0	7.0
	Ventnor ...	cb	bco	40	51	–	–	6.6	8.9
	Southsea ...	b	bcc	38	54	–	–	5.4	8.6
	Bognor Regis	b	bcco	36	52	0.3	–	6.8	8.7
	Littlehampton	bc	bc	36	50	0.4	–	7.5	8.9
	Worthing ...	b	bbc	35	51	Tr	–	8.2	9.5
	Brighton ...	cb	bc	39	50	0.3	–	9.0	9.9
	Eastbourne†	b	bbc	39	51	0.5	–	9.7	9.0
	Hastings† ...	bbcb	bbcc	36	52	1	–	8.6	8.7
	Folkestone ...	bbc	bc	36	51	0.5	–	7.6	6.8
	Dover	bbc	bcc	39	55	0.2	–	8.5	7.2
	Deal	b	bbc	37	55	–	–	8.0	5.9
	Ramsgate ...	bc	bc	36	55	–	–	8.0	4.5
	Margate ...	bbc	bcc	38	54	–	–	8.6	5.3
2	Southend ...	bm	bcc	37	55	0.5	–	7.9	6.7
	Maldon ...	b	bbcc	36	56	0.3	–	7.0	5.5
	Clacton-on-Sea	bc	bcc	36	56	0.3	–	8.3	5.0
	Dovercourt ...	xbcv	bcc	36	56	–	–	8.0	5.4
	Lowestoft ...	(b)	cody	34	58	–	–	9.0	3.6
	Skegness ...	b	bcomo	34	53	–	–	7.4	7.6
	Mablethorpe	cbc	co	35	55	–	–	6.5	(7.9)
	Cleethorpes ...	b	bco	37	55	–	–	6.3	8.5
3	Leamington S.	bc	bcc	37	53	–	–	2.8	5.5
4	Cheltenham†	bcc	cpc	36	52	–	Tr	3.1	7.5
5	Bath	rccp	cp	36	53	Tr	3	3.0	6.0
	Weymouth ...	bc	bcpc	37	53	–	0.5	3.0	7.7
	Jersey ...	bcc	cbc	43	52	–	–	8.3	10.0
	Torquay ...	cjp	pbcpr	39	53	–	1	1.9	8.0
	Penzance ...	crb	pcbc	42	53	0.5	3	0.6	8.7
	St. Ives ...	pr	pr	42	52	–	0.3	0.9	9.2
	Bude	pcbc	bcc	45	52	2	–	2.2	9.6
	Ilfracombe ...	c	bcco	43	53	–	–	1.1	8.2
6	Aberystwyth	bcrc	cur	43	48	0.3	1	0.8	5.3
7	Llandudno ...	c	cpc	40	51	–	0.1	2.0	7.3
	Colwyn Bay...	bcc	rorrc	42	51	–	1	0.2	7.7
	Rhyl	c	cprc	40	52	0.3	0.3	1.2	8.4
8	Wallasey ...	bcc	cr	40	51	–	1	1.8	6.9
	Southport‖ ...	co	oro	42	50	–	1	1.0	6.0
	Blackpool ...	c	c	43	49	–	–	1.3	6.0
	Morecambe ...	cbbcc	cbccd	41	47	–	Tr	1.6	6.0
9	Ilkley... ...	c	cprc	38	49	Tr	Tr	0.7	8.2
10	Berwick-on-T.	o	oco	37	51	–	–	0.7	7.9
11	Dunbar ...	cm	cr	37	53	–	Tr	0.5	8.7
12	Troon... ...	ro	orc	38	47	2	Tr	0.0	5.7
	Douglas ...	cbc	oid	40	50	–	0.3	2.4	7.1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. SATURDAY, 1ST APRIL, 1933



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 1st. April, 1933.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands 5. S.W. England	Light wind, becoming northwest or north; mainly cloudy, occasional showers at first, becoming fair or fine; normal day temperature, ground frost at most places 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	Moderate to light northwest wind, backing west to southwest tomorrow; fair apart from local showers at first; local morning mist or fog; normal day temperature; ground frost at most places at night.
13. A. W. Scotld. B. N.W. Scotland.	Light or moderate northwest wind, backing southwest and freshening later; fair apart from local showers; normal temperature.
14. Mid-Scotland	As 6 - 12.
15. N.E. Scotland	
16. Orkneys and Shetlands.	Fresh northwest wind, moderating, backing later; variable cloud, sleet or hail showers, improving; rather cold.
17. N.W. Ireland	As 13.
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 6 - 12.

GENERAL INFERENCE.

A shallow trough of low pressure over England is filling up and a well developed wedge of high pressure off West Ireland is moving east. There will be showers locally today, especially in the Southeast, but subsequently weather will be fair.

FURTHER OUTLOOK.

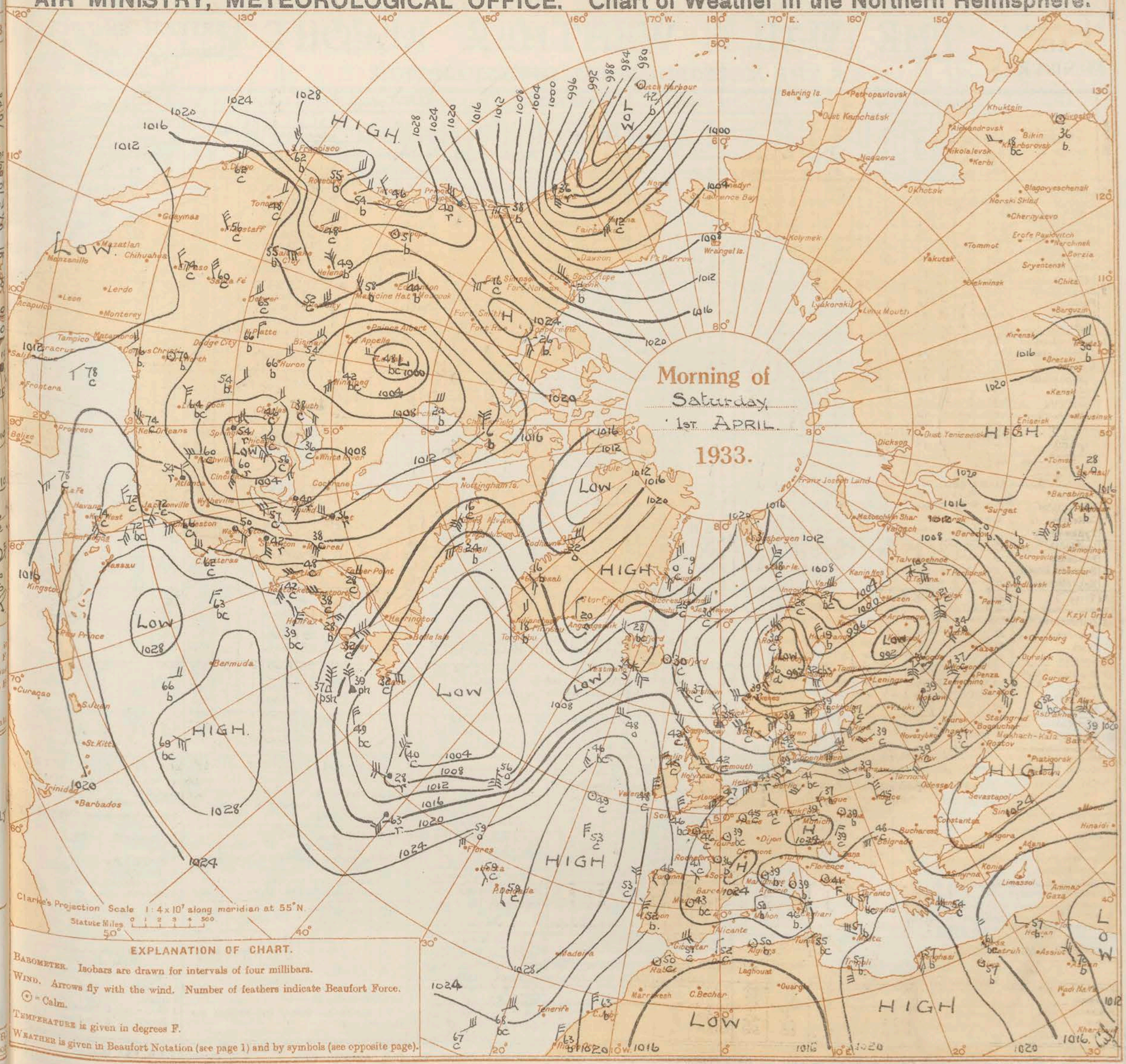
Fair or fine except in the extreme northwest.

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

Saturday, 1st April 1933.

No. 26,063.

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

District.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1018.7	-2	SW	3	C	46	85	8	7	7	-	2-3	9	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	1018.9	-2	SW	3	b	47	85	8	-	7	-	0	1	-
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1019.6	-6	SW	3	0	44	95	7	5	-	-	10	10	1500
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	1017.2	-2	SW	2	C	45	95	6	-	1	-	0	7-8	-
	Cranwell ...	240														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1018.3	-4	SW	4	C	47	95	7	4	-	-	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	1016.7	-6	SW	3	C	47	95	8	8	-	-	7-8	7-8	2500
	Scilly (St. Mary's)	163	1016.8	+2	NNW	4	C	47	95	7	8	-	-	9+	9+	2500
	Guernsey ...	175	1020.7	-4	SW	3	bc	47	85	7	8	-	-	4-6	4-6	2500
6	Pembroke ...	142	1018.4	+6	SW	1	b	46	95	7	5	-	-	1	1	2500
7	Holyhead ...	26	1015.6	+12	-	0	0	45	95	6	5	-	-	10	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1014.9	0	W'S	3	C	44	95	7	5	2	-	4-6	7-8	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	1013.5	+2	W	2	C	45	95	7	6	-	-	7-8	7-8	1500
11	Inchkeith ...	190	1013.6	+10	WSW	3	bc	41	95	6	5	-	-	4-6	4-6	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts L)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1013.3	+8	-	0	bc	40	85	8	8	7	-	2-3	4-6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1010.0	+8	W	3	pr	38	95	8	9	7	8	4-6	7-8	1500
16	Lerwick ...	54	1004.6	-4	WNW	5	c/pr	39	75	7	8	-	-	9+	9+	1500
17	Blacksod Point	18	1019.3	+30	W'N	4	pr	47	95	8	4	-	-	9	9	-
18	Malin Head ...	52	1016.9	+22	N'W	1	dr	45	95	7	8	2	-	9	10	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1018.4	+30	-	0	b	49	85	8	-	-	-	0	0	-
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1020.4	+14	SW'W	2	C	46	85	8	5	-	-	9+	9+	4000	0	*
1019.8	+10	SW'W	3	C	47	85	8	7	7	-	9	9+	1500	1	*
1020.1	+12	WSW	3	C	47	85	7	6	-	-	9+	9+	4000	1	*
1020.4	+18	SSW	1	id	45	95	6	5	-	-	10	10	2500	1	*
1020.2	+20	SW	1	C	45	95	6	5	-	-	9	9+	1500	0	*
1020.1	+14	SW'S	2	bc	47	85	7	7	7	-	2-3	4-6	2500	0	1
*	*	SW'S	2	bc	*	*	7	5-6	7	*	2-3	4-6	2500	*	2
1020.4	+12	WSW	3	bc	43	95	7	5	-	-	1	2-3	800	0	*
1019.8	+12	W	2	C	46	85	6	5	3	-	7-8	9	5700	0	*
1019.0	+20	WSW	3	C	46	95	7	6	2	-	7-8	9+	4600	1	2
1016.9	+10	W	3	C	46	95	7	6	-	-	10	10	1500	1	2
1018.1	+22	WSW	3	m	44	95	6	4	-	-	9+	9+	2500	1	*
1019.1	+16	WSW	2	C	44	85	7	6	7	-	7-8	9+	1500	1	*
1019.8	+20	WSW	2	C	44	95	7	6	8	-	10	10	1500	1	*
1019.4	+16	SW	2	bc	45	95	8	5	5	-	4-6	4-6	4000	1	*
1020.3	+10	SW	3	C	47	95	7	4	-	-	7-8	7-8	1500	0	3
1019.1	+18	NE	1	C	46	95	7	5	-	-	9+	9+	800	1	3
1019.4	+24	SSW	2	bc	43	95	6	4	-	-	4-6	4-6	2500	1	2
1019.2	+20	N'W	3	bc	46	95	7	4	8	7	4-6	4-6	4000	1	2
1020.6	+10	SSW	1	bc	46	85	7	7	1	-	2-3	4-6	2500	0	3
1019.0	+24	NE	1	F	40	95	1	5	-	-	10	10	2150	0	1
1019.5	+26	NW	2	c/pc	44	95	5	5	-	-	10	10	450	1	0
1019.2	+26	NW'W	3	C	44	95	7	5	8	-	9+	9+	2500	1	*
1018.6	+12	N'N	3	C	43	95	8	6	-	-	9+	9+	1800	1	*
1017.4	+10	SW	2	C	44	95	8	5	4	-	4-6	7-8	2500	0	*
1016.3	+6	NW'W	5	bc	44	95	8	5	3	-	4-6	4-6	1500	0	3
1016.7	+14	W'S	3	C	43	85	6	4	5	6	4-6	7-8	4000	1	*
1015.1	+10	W	2	C	42	95	7	4	-	-	7-8	7-8	4000	0	1
1015.6	+10	W	3	C	41	75	8	5	7	6	4-6	9	2500	0	2
1015.7	+10	W	3	C	41	65	9	5	3	8	1	9+	2500	1	*
1017.4	+16	WSW	4	bc	41	75	8	5	-	8	7-8	9+	2500	1	*
1017.6	+18	WNW	2	C	39	65	8	5	7	8	Tr.	9+	1500	1	*
1018.9	+18	WNW	4	C	44	75	8	5	1	8	7-8	9+	1500	0	3
1015.6	+16	WNW	3	C	42	65	8	4	6	-	4-6	7-8	1500	0	2
-	+20	W	1	C	37	85	8	4	-	9	4-6	10	2500	1	*
1013.7	+8	W	2	jb	40	75	8	4	8	9	7-8	7-8	1500	1	1
1011.4	+12	W	4	brs	36	95	8	3	-	8	7-8	9	1500	1	2
1005.9	+16	NW	2	c/ph(s)	35	95	8	2	-	-	7-8	7-8	1500	1	*
1023.9	+12	N	1	C	45	75	9	4	-	-	7-8	7-8	800	0	3
1019.8	+18	NW	4	C	46	85	7	5	-	-	4-6	10	1500	0	1
1020.8	+20	NNW	2	C	46	95	7	5	7	8	1	9+	4000	1	*
1019.9	+22	WSW	3	C	44	75	7	5	-	-	9	9	1500	0	1
1022.2	+30	NNW	1	C	44	95	7	5	-	7	7-8	10	2500	1	*
1023.9	+28	N	3	C	48	85	8	5	-	-	9+	9+	1500	1	2
1021.3	+26	NW	4	bc	47	85	8	3	-	-	4-6	4-6	1500	0	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 31st Hrs. (36)
1	54	44	38	-	-	6.3
	56	45	42	-	Tr.	6.9
	55	43	39	0.1	-	5.3
	52	38	38	0.1	0.5	3.7
	51	42	39	Tr.	Tr.	3.5
	53	44	38	Tr.	0.2	4.5
	52	44	*	-	-	*
	50	42	38	-	-	6.8
2	56	43	39	-	-	8.1
	56	44	41	Tr.	4	8.1
	56	43	41	-	4	11.7
	55	43	42	0.1	4	6.8
3	51	41	38	0.4	10	2.0
	53	42	42	Tr.	1	*
4	52	44	40	0.1	1	2.0
5	49	46	*	-	-	*
	50	44	40	5	2	1.8
	53	42	*	0.4	2	*
	52	45	*	0.3	3	3.1
	53	46	40	-	-	6.4
6	50	39	*	3	0.1	0.2
7	51	42	40	Tr.	0.2	0.4
	52	41	37	Tr.	1	2.9
	50	42	40	1	0.4	1.5
8	48	42	35	-	-	0.4
9	53	41	*	-	Tr.	6.9
10	48	40	30	Tr.	0.4	0.7
	53	41	36	Tr.	0.1	*
11	49	40	37	Tr.	-	0.5
	49	36	30	2	Tr.	0.3
12	48	38	34	1	Tr.	0.3
	47	35	31	6	1	0.0
13A	51	43	33	Tr.	0.2	1.6
13B	49	39	*	2	0.4	2.1
15	47	35	28	Tr.	1	0.6
	52	38	34	1	0.6	3.5
	48	35	*	0.1	1	*
	45	35	*	1	1	3.0
16	50	44	*	4	0.2	*
17	48	43	*	1	2	0.0
18	47	(41)	36	2	1	0.0
	50	43	*	3	1	*
19	51	41	36	1	7	0.0
20	51	44	38	8	0.3	2.5
	51	42	*	4	0.1	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations except Greenwich & Hampstead rainfall, 9h-18h.

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 21h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	bcc	c	bembcc	54	44	38	-	-	6.3	*	*	7
Croydon	217	bpcscy	cy	cybpcbcc	56	45	42	-	Tr.	6.9	*	*	7
Greenwich (Royal Observatory) ...	149	bcy	cy	cbpcbcc	57	43	36	-	Tr.	5.9	45	79	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	6.0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	54	45	39	-	-	6.6	43	82	*
†Regents Pk. (Botanic Gardens) ...	168	*	*	*	56	45	41	0.3		6.1	69	89	*
Camden Square	110	bc	cb	*	56	45	41	-	-	*	*	81	*
Kensington	80	bc	cd	*	56	45	39	Tr.	-	7.0	At 18h.	81	*
Hampstead Observatory	450	bcb	crh	0	53	42	36	1	Tr.	6.1	71	85	*

FOREIGN OBSERVATIONS.

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

Stations.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1022.7	NW	2	0	52
Brussels	1021.1	WSW	3	C	46
Berlin	1018.0	W	2	bc/pr	43
Zürich	1023.5	SSE	2	C	46
Rome	1019.0	SW	2	bc	55

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

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1022.7	-	0	m	45
1020.7	SW	3	C	45
1019.4	SW	3	bc	41
1022.3	N	1	Fg	36
1019.4	-	0	F	41

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
55	46	Tr.	-
50	36	2	0.1
48	32	Tr.	-
64	41	-	-

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	19h 2d. 31st	Nil	0-7h 1st

Kew Observatory. Max.	Time.	Min.	Time.
0.2	21h 31st	<0.1	4h 1st

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 and Rainfall are for the 24 hours ending 9 h.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 2nd. April 1933.

No. 26064

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

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	+2	W'S	3	c	53	65	6	5	-	-	10	10	1500
	Croydon ...	1021·7	+6	W'S	3	c	54	65	6	7	7	-	7-8	9+	2500
	S. Farnborough	1021·9	+2	WNW	3	c	57	55	8	5	-	-	9+	9+	2500
	Winchester ...	1022·3	+6	WSW	2	c	53	75	8	8	1	-	7-8	9	1500
	Boscombe Down	1022·4	+8	W'N	3	c	56	55	7	7	7	-	7-8	9+	4000
	Calshot, S'thmtn	1022·7	+6	SW'S	4	c	51	75	8	8	-	1	7-8	7-8	2500
	Dungeness ...	*	*	SW	5	c	*	*	7	5	-	*	9	9	2500
	Lympne ...	1021·7	+2	SW	4	pr$_o$	50	85	8	8	2	-	9	10	2500
2	Shoeburyness	1021·2	0	~~SW~~ W'S	3	c	53	65	6	5	3	-	7-8	9+	4000
	Felixstowe ...	1020·7	+2	W	3	c	50	75	8	9	-	8	9	10	1500
	Gorleston ...	1018·7	+6	W'N	3	c	50	86	6	8	-	-	9	9	2500
	Cranwell ...	1020·3	+10	WNW	4	c	49	75	6	8	-	-	10	10	4000
3	Birmingham ...	1022·4	+10	NW	3	c	48	75	6	6	-	-	9+	9+	2500
	Upper Heyford	1022·2	+4	W	3	c	52	65	8	9	2	-	7-8	10	1500
4	Ross-on-Wye ...	1022·0	+10	N'W	3	c	54	55	9	8	-	-	10	10	4000
5	Portland Bill...	1022·9	+16	SW	4	c	50	95	7	4	4	1	4-6	7-8	2500
	Plymouth ...	1023·1	+16	SW	3	c	50	95	8	7	-	-	9	9	4000
	The Lizard ...	1024·1	+12	NNE	2	c	54	85	8	8	-	-	9	9	2500
	Scilly (St. Mary's)	1024·4	+10	NNE	4	bc	52	95	7	2	-	5	4-6	4-6	4000
	Guernsey ...	1023·9	+16	SW	1	bc	54	75	8	8	-	-	4-6	4-6	2500
6	Pembroke ...	1023·5	+4	N	4	q	50	85	6	5	-	-	10	10	2500
7	Holyhead ...	1024·3	+18	NW'W	4	c	48	75	8	2	-	8	1	9	2500
	Chester (Sealand)	1023·5	+18	WNW	4	c	48	55	8	5	-	5	7-8	~~10~~ 9	1500
8	L'pool (Bidston)	1023·2	+12	WNW	4	c	47	75	8	2	-	8	2-3	7-8	2500
9	Harrogate ...	1020·3	+6	W	3	bc	50	55	9	2	-	-	4-6	4-6	4000
10	Spurn Head ...	1018·2	+4	NW	5	c	49	75	7	2	3	8	4-6	7-8	4000
	Catterick ...	1019·6	+10	WNW	4	bc	50	55	8	7	-	-	4-6	4-6	2500
	Tynemouth ...	1018·0	+16	WNW	4	bc	50	55	7	2	-	-	4-6	4-6	2500
11	Inchkeith ...	1019·0	+12	WNW	3	c	48	45	8	2	7	-	7-8	7-8	4000
	Leuchars ...	1018·3	+10	NW	4	c	49	45	8	8	-	8	7-8	7-8	4000
12	Renfrew (Abbotsl)	1020·3	+18	NNW	5	q	50	45	9	8	-	3	4-6	7-8	4000
	Eskdalemuir ...	1019·5	+16	WNW	6	bc	48	~~45~~ 55	9	8	-	-	4-6	4-6	2500
13A	Tiree	1022·8	+20	NW	4	bc	48	~~85~~ 85	8	8	7	2	1	4-6	1500
13B	Stornoway ...	1019·9	+18	NW	3	c	48	65	8	8	7	-	4-6	7-8	1500
15	Dalwhinnie ...	1021·3	+20	N	3	r$_o$	41	65	8	4	4	-	4-6	10	2500
	Aberdeen ...	1017·0	+20	NW	5	bc	46	~~85~~ 85	8	8	-	-	4-6	4-6	4000
	Wick	1015·6	+20	WNW	4	c	44	85	8	8	7	8	4-6	7-8	2500
16	Lerwick ...	1011·3	+10	NNW	5	jp	42	65	8	8	7	-	7-8	9+	1500
17	Blacksod Point	1027·1	+8	W	2	bc	50	75	9	2	-	-	2-3	2-3	1500
18	Malin Head ...	1023·8	+20	NW	4	c	49	95	7	4	8	3	4-6	7-8	1500
	Aldergrove ...	1024·9	+16	NW	5	c/pr	47	75	8	8	-	-	9+	9+	1500
	Donaghadee ...	1024·0	+16	N'E	3	pr$_o$	47	75	7	5	-	-	9	9	1500
19	Birr Castle ...	1026·3	+16	NNW	3	c	51	65	8	5	-	-	9	9	2500
20	Valentia Obsy.	1028·1	+10	NE'N	3	bc	51	65	9	7	-	1	4-6	4-6	2500
	Roches Point...	1026·1	+18	N	3	bc	54	75	9	3	-	9	2-3	4-6	2500

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

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)	Sun. 0-9 (30)
1	London (Kew)...	1024·2	+12	NNW	3	c	51	65	6	5	-	-	10	10	1500	0	*
	Croydon ...	1023·4	+12	NW'W	3	c	52	65	5	5	7	-	9	9+	4000	1	*
	S. Farnborough	1024·3	+18	NW	3	c	51	~~75~~ 75	8	5	-	-	9+	9+	4000	0	*
	Winchester ...	1024·3	+16	~~NNW~~ N	4	c	51	~~85~~ 85	8	4	1	-	7-8	9	2500	1	*
	Boscombe Down	1024·3	+14	N	3	c	50	75	8	7	-	8	4-6	9	5700	0	*
	Calshot, S'thmtn	1023·9	+10	SW'S	3	c	51	85	7	8	-	-	7-8	7-8	4000	0	1
	Dungeness ...	*	*	SW	5	c	*	*	7	5	-	*	10	10	2500	*	3
	Lympne ...	1023·4	+14	NW'W	2	c/r	50	75	5	5	2	-	9+	10	4000	0	*
2	Shoeburyness	1023·1	+16	NW	2	c	51	65	6	7	3	8	4-6	7-8	4000	0	*
	Felixstowe ...	1022·4	+16	NW	4	c	51	65	7	5	-	6	4-6	9	2500	0	2
	Gorleston ...	1021·4	+20	~~NW~~ NW'N	3	c	47	65	7	8	-	3	4-6	7-8	2500	0	1
	Cranwell ...	1022·9	+20	NW	3	c	49	65	7	8	8	1	7-8	9	4000	1	*
3	Birmingham ...	1024·7	+14	NW	4	bc	47	55	8	8	-	4	4-6	4-6	2500	1	*
	Upper Heyford	1024·8	+16	W	2	c	48	55	8	5	-	2	2-3	9	2500	0	*
4	Ross-on-Wye ...	1025·0	+12	NNW	2	~~r~~ bc	49	55	9	5	-	2	2-3	4-6	4000	1	*
5	Portland Bill...	1024·8	+16	SW	3	c	49	95	7	4	-	-	7-8	7-8	2500	0	3
	Plymouth ...	1025·2	+18	SSW	2	c	50	95	8	7	3	4	4-6	7-8	4000	~~4~~ 1	2
	The Lizard ...	1026·2	+10	N	2	bc	50	85	8	7	4	-	4-6	4-6	4000	0	2
	Scilly (St. Mary's)	1026·9	+18	NE'N	4	bc	48	95	7	2	3	-	4-6	4-6	4000	0	2
	Guernsey ...	1025·1	+16	W	1	bc	51	85	7	-	1	1	0	2-3	-	0	2
6	Pembroke ...	1028·6	+10	NE	1	bc	48	65	8	1	4	-	Tr	2-3	5700	0	1
7	Holyhead ...	1026·1	+10	WNW	2	bc	48	75	8	4	-	1	2-3	4-6	4000	0	1
	Chester (Sealand)	1025·2	+12	W'N	4	bc	47	65	8	5	-	6	2-3	4-6	4000	1	*
8	L'pool (Bidston)	1025·2	+6	W'N	5	bc	46	75	8	1	4	9	1	4-6	5700	0	*
9	Harrogate ...	1020·5	+6	WSW	2	b	48	55	9	2	-	1	Tr	1	4000	0	*
10	Spurn Head ...	1021·2	+10	N	1	c	46	75	7	5	3	1	4-6	7-8	4000	0	1
	Catterick ...	1021·8	+14	WNW	3	bc	49	55	8	4	4	1	4-6	4-6	4000	0	*
	Tynemouth ...	1020·4	+18	NNW	2	bc	47	75	8	2	-	-	4-6	4-6	2500	0	1
11	Inchkeith ...	1020·9	+6	WNW	3	c	47	55	8	2	6	2	4-6	9	4000	0	2
	Leuchars ...	1020·4	+14	NW	3	c	49	45	8	7	-	6	4-6	7-8	4000	0	*
12	Renfrew (Abbotsl)	1022·8	+14	SSW	4	c	48	55	8	8	7	8	7-8	9	2500	0	*
	Eskdalemuir ...	1022·1	+10	WNW	4	bc	45	55	9	8	-	5	4-6	4-6	2500	1	*
13A	Tiree	1023·7	+4	W'S	3	c	47	~~85~~ 85	8	5	1	7	1	10	1500	0	3
13B	Stornoway ...	1024·7	+2	NW	2	c	46	75	9	8	2	-	4-6	10	1500	1	1
15	Dalwhinnie ...	1023·3	+12	N	3	c	41	65	8	4	2	-	4-6	10	2500	0	*
	Aberdeen ...	1019·6	+18	NW	4	b	45	45	8	2	-	-	1	1	4000	0	2
	Wick	1018·7	+14	NW	4	bc	44	75	8	8	8	-	4-6	4-6	1500	1	2
16	Lerwick ...	1014·5	+16	NNW	3	c/pr	41	65	8	8	7	-	4-6	7-8	1500	0	*
17	Blacksod Point	1027·9	+2	W	3	c	49	85	9	-	7	-	0	7-8	-	0	2
18	Malin Head ...	1024·8	+2	W	3	c	47	95	7	4	9	-	2-3	9	1500	0	1
	Aldergrove ...	1025·9	+8	NW'W	3	c	47	65	8	4	3	7	4-6	9+	2500	1	*
	Donaghadee ...	1025·3	+8	N	1	c	47	75	7	8	3	-	4-6	7-8	1500	0	0
19	Birr Castle ...	1027·6	+4	NW	1	c	49	65	8	5	-	2	4-6	9	2500	1	*
20	Valentia Obsy.	1028·8	+4	NNW	3	bc	50	65	9	-	-	6	0	2-3	-	0	2
	Roches Point...	1027·5	+8	N	3	bc	54	55	9	3	-	-	2-3	2-3	2500	0	2

PAST 24 HOURS. WEATHER.

District.	Stations. (For heights see p. 4.)	7h.–13h. 1st. (37)	13h.–18h. 1st. (38)	18h. 1st. to 1h. 2nd. (39)	1h.–7h. 2nd. (40)
1	London (Kew)...	c	c	cbcb	bxbc
	Croydon ...	cr$_o$prc	cz$_o$	cz$_o$bz$_o$	bz$_o$m$_o$bc
	S. Farnborough	pr$_o$c	cyc	cbcbw	bxbcx
	Winchester ...	cd$_o$m$_o$bc	c	cbcbw	bwbc
	Boscombe Down	cm$_o$c	c	cb	bbc
	Calshot, S'thmtn	cbcc	c	cbw	bw, cx
	Dungeness ...	o	o	*	bc
	Lympne ...	c	cpr$_o$r$_o$z$_o$	b	bcbwm$_o$
2	Shoeburyness	cpr$_o$	cz$_o$	cb	bwbcm$_o$
	Felixstowe ...	cr$_o$	c	c,b	bcxm$_o$
	Gorleston ...	oc	cupr$_o$	cbcb	bbcz$_o$
	Cranwell ...	cmm$_o$	cm$_o$c		bbcm$_o$
3	Birmingham ...	c	cbc	bc	bcc
	Upper Heyford	cir$_o$c	c	cybc	bc
4	Ross-on-Wye ...	ccv	cvybcv	bvb	bxbc
5	Portland Bill...	c	c	bbcc	cbc
	Plymouth ...	cd$_o$d$_o$v	c	cbcb	bm$_o$x
	The Lizard ...	bcw	cbc	bcbw	bbcw
	Scilly (St. Mary's)	bccbc	bccbc	bccbc	bw
	Guernsey ...	bc	bc	bcb	bw
6	Pembroke ...	Fecz$_o$c	cbcb	b	bebc
7	Holyhead ...	d$_o$c	cbc	bcbm$_o$w	bbcwc
	Chester (Sealand)	id$_o$c	bc	b	bxbc
8	L'pool (Bidston)	ir$_o$c	cbbc	bcbv	bc
9	Harrogate ...	cbc	bcb	b	bbcc
10	Spurn Head ...	cpr$_o$	bc	cbc	bcc
	Catterick ...	bccy	bcy	bcyb	bcc
	Tynemouth ...	cbcq	bc	bbc	bc
11	Inchkeith ...	c	c	c	c
	Leuchars ...	cpr$_o$cqy	cbcqy	cyc	c
12	Renfrew (Abbotsl)	cbcvyq	qbccvy	cybcc	c
	Eskdalemuir ...	cbcy	bcy	c	c
13A	Tiree	cbccpr$_o$	bcc⊕	c	c
13B	Stornoway ...	cbccq	cprq	cpr	cir$_o$
15	Dalwhinnie ...	is	c	*	iro
	Aberdeen ...	bcprshqy	bcqy	bybcc	c
	Wick	cprsc	pr$_o$bc	cpro	cpr$_o$
16	Lerwick ...	cq	c	c	cr$_o$c
17	Blacksod Point	bc	bc	c	cq
18	Malin Head ...	cpr$_o$	c	bcc⊕	c
	Aldergrove ...	cpr	cpr$_o$c	bc	bcc
	Donaghadee ...	cpr$_o$	cpr$_o$c	bcc	c
19	Birr Castle ...	c	c	cbc	bcxc
20	Valentia Obsy.	cpr$_o$c ~~bw~~ bcv	bcbybcv	bcvb	bbcc
	Roches Point...	bcv	bcyv	bcvybw	bbcw

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

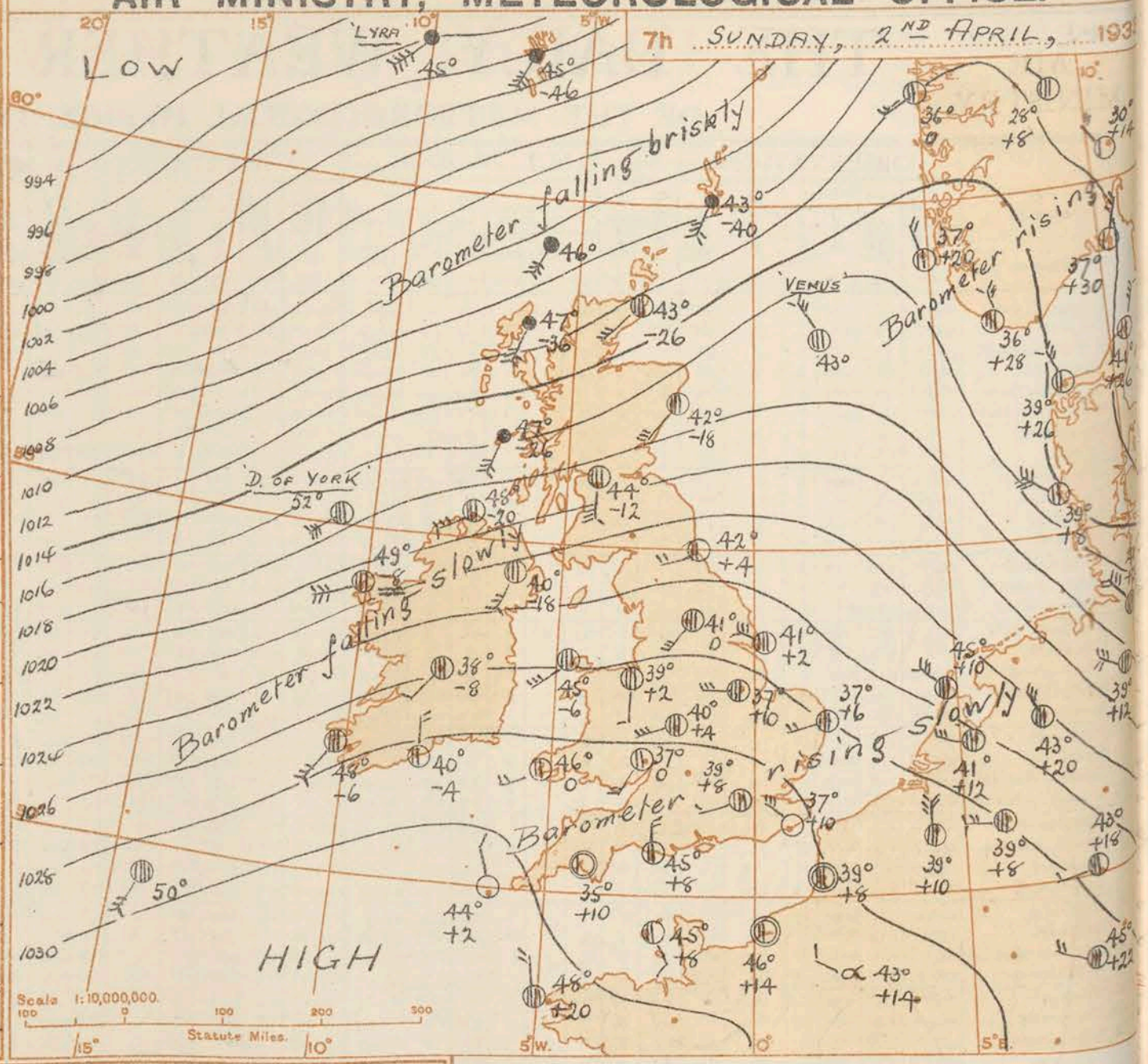
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 1st April 1933.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 31st to 9h. 1st.	Temperature. Max. 9h.—17h. 1st.	Rainfall. Night. 17h. 31st to 9h. 1st.	Rainfall. Day. 9h.—17h. 1st.	Sunshine. Sunrise to 17h. 1st.	Sunshine. Sunrise to Sunset. 31st.
1	Tunbridge W.	oc	oco	43	54	–	–	1·0	6·7
	Bournemouth	c	c	44	55	1	–	2·0	4·0
	Ventnor ...	obcb	bbcu	44	52	–	–	8·0	6·6
	Southsea ...	bcp	bcc	44	56	–	Trace	3·9	5·4
	Bognor Regis	bcb	cobc	46	53	–	–	3·3	6·8
	Littlehampton	bc	bcc	45	52	–	–	2·6	7·6
	Worthing ...	cbc	c	45	52	–	–	2·7	8·2
	Brighton ...	bcb	cbc	45	51	–	–	2·5	9·2
	Eastbourne†	obc	bco	45	53	–	–	5·1	9·7
	Hastings† ...	cbcc	c	44	54	–	–	2·3	8·6
	Folkestone ...	bcc	cr	45	53	–	Trace	3·5	7·6
	Dover... ...	bcp	com	45	52	–	Trace	4·2	8·5
	Deal	bc	bo	44	56	–	–	2·8	8·0
	Ramsgate ...	bcc	c	44	54	–	–	2·9	8·0
	Margate ...	c	c	44	53	–	–	2·8	8·6
2	Southend ...	cz	oz	43	52	Trace	–	0·2	7·9
	Maldon ...	c	c	42	54	–	–	0·1	7·0
	Clacton-on-Sea	cp	c	43	53	0·8	Trace	0·1	8·5
	Dovercourt ...	bcc	bcc	44	53	3	–	0·3	8·0
	Lowestoft ...	cbc	cur	43	56	1	0·3	0·9	9·0
	Skegness ...	bcom	obc	41	53	1	–	3·4	7·4
	Mablethorpe	oc	c	39	54	–	–	3·1	6·5
	Cleethorpes ...	c	cr	41	54	–	Trace	4·1	6·3
3	Leamington S.	oc	bc	43	52	4	–	1·2	2·8
4	Cheltenham†	omc	cpc	44	54	1	Trace	1·1	3·1
5	Bath	cbc	cbc	47	57	1	–	2·0	3·0
	Weymouth ...	cb	b	46	55	2	–	3·6	3·0
	Jersey ...	bc	bc	47	56	–	–	5·8	8·8
	Torquay ...	rpczc	bc	44	54	2	–	2·8	1·9
	Penzance ...	bcb	bc	43	57	7	–	7·5	0·6
	St. Ives ...	b	c	44	52	3	–	8·2	1·6
	Bude	pbcb	bbc	43	53	4	–	7·3	2·2
	Ilfracombe ...	bcb	bcb	44	52	3	–	6·0	1·1
6	Aberystwyth	circ	cbc	45	48	2	Trace	3·4	0·8
7	Llandudno ...	c	bc	44	50	0·3	–	3·8	2·0
	Colwyn Bay...	cp	obcc	44	50	0·3	–	1·8	0·2
	Rhyl	oc	bcc	43	50	0·3	–	3·6	1·2
8	Wallasey ...	cbc	bcb	42	50	1	–	4·1	1·8
	Southport‖ ...	obcb	b	41	52	0·1	–	5·4	1·0
	Blackpool ...	cbc	bc	42	50	0·1	–	6·4	1·3
	Morecambe ...	cbbc	b	44	50	2	–	4·7	1·6
9	Ilkley... ...	c	bc	42	53	Trace	–	2·5	0·7
10	Berwick-on-T.	c	c	38	51	Trace	–	5·6	0·7
11	Dunbar ...	bc	bc	40	51	Trace	–	6·5	0·4
12	Troon... ...	bcc	bc	42	49	–	–	5·4	0·0
	Douglas ...	cb	bbc	42	50	Trace	–	3·7	2·4

† 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 April, 1933.
1. S.E. England	Light or moderate west to northwest wind, backing to southwest; cloud increasing later; moderate temperature.
2. E. England...	
3. E. Midlands	Light or moderate west wind becoming moderate south-westerly; cloud increasing; occasional rain later; moderate temperature.
4. W. Midlands	
5. S.W. England	As 1 - 3.
6. South Wales	
7. North Wales	Moderate southwesterly wind, freshening; mainly cloudy with occasional rain later today; moderate temperature.
8. N.W. England	
9. N Midlands	
10. N.E. England	
11. S.E. Scotland	Moderate or fresh southwesterly wind; cloudy, occasional rain; moderate temperature.
12. S.W. Scotland & Isle of Man	
13. {A. W Scotld. B. N.W. Scotland}	Fresh or strong southwesterly winds, gale locally; cloudy, rain; moderate temperature.
14. Mid-Scotland	
15. N.E. Scotland	
16. Orkneys and Shetlands.	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	As 7 - 10.
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
WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet
Fog Mist. Thunder. Thunderstorm.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the tempe

GENERAL INFERENCE.

An anticyclone is centred over the Bay of Biscay and a wedge of high pressure over the North Sea is moving east while a deep depression is centred over Iceland. Weather will be fair in the South but unsettled in the North.

FURTHER OUTLOOK.

Unsettled, especially in the West and No

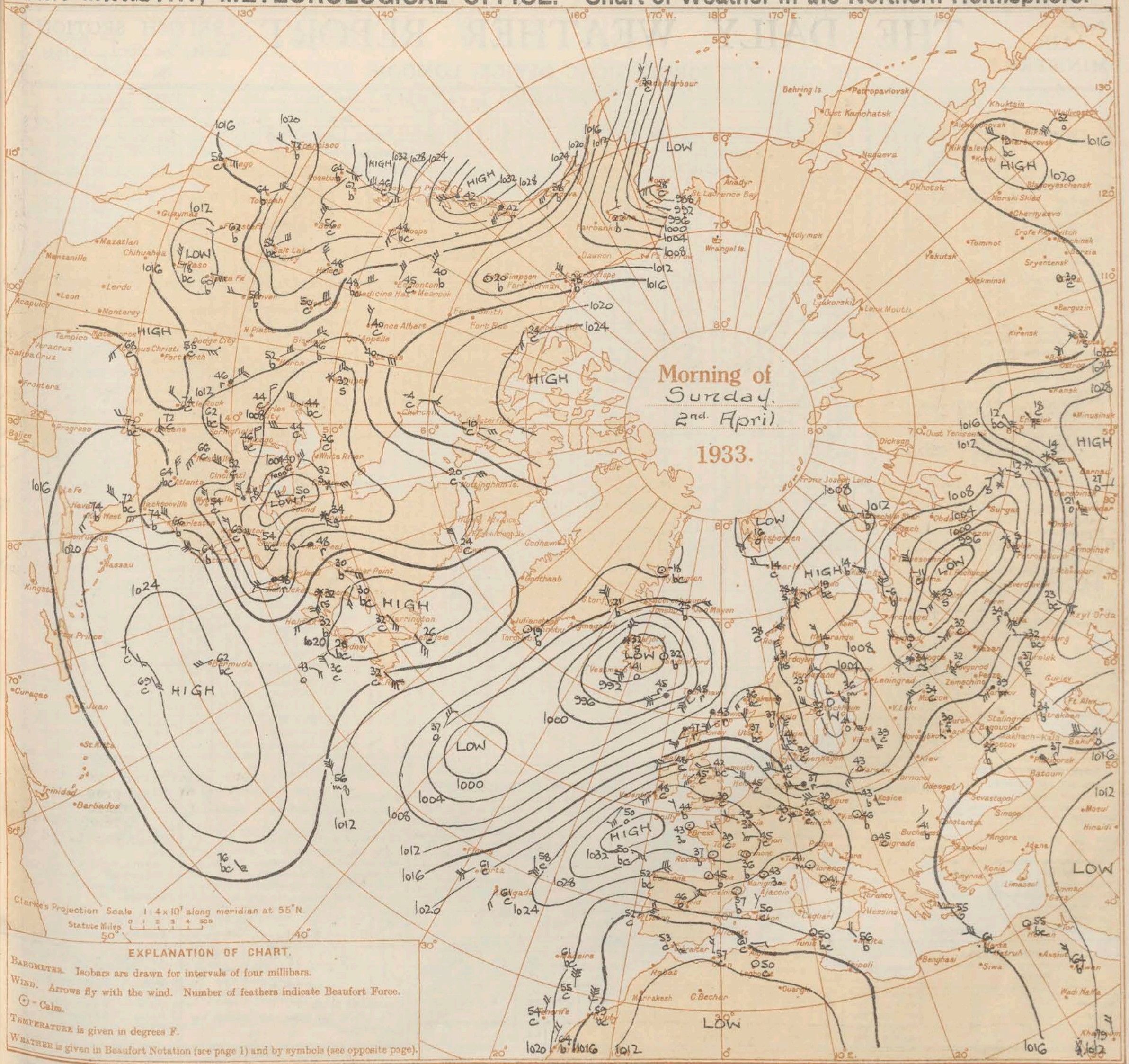
Time of issue of Gale Warning.

South Cone at 0235 G.M.T. on 2nd in districts 13A and 17.

Forecasts issued at 1130 G.M.T.

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

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 2nd April 1933.

No. 26,064

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

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)	0-9 Visibility (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1027.3	+14	W	2	b	39	75	6	–	–	–	0	0	–
	S. Farnborough	287	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	1028.1	+20	WNW	2	bc	39	85	8	–	–	5	0	2-3	–
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1026.8	+10	NW	3	b	41	75	7	–	–	–	0	0	–
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	14	1024.9	+8	SWW	2	b	40	85	7	–	–	–	0	0	–
	Cranwell	240														
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1028.7	+12	NE	2	c	45	75	8	4	–	–	7-8	7-8	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	222	1029.5	+2	N	2	b	44	75	8	–	–	–	0	0	–
	Scilly (St. Mary's)	163	1030.0	+10	–	0	b	45	95	7	–	–	–	0	0	–
	Guernsey	175	1028.2	+4	–	0	b	47	95	7	–	–	–	0	0	–
6	Pembroke	142	1026.6	+4	WNW	1	b	44	95	8	–	–	–	0	0	–
7	Holyhead	26	1026.7	-4	SW'W	3	b	44	95	7	–	–	8	0	1	–
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1023.8	+4	WNW	5	bc	42	85	6	5	1	–	2-3	4-6	2500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	67	1023.2	0	W	3	bc	43	85	7	5	–	–	2-3	2-3	1500
11	Inchkeith	190	1023.2	+4	SW	3	c	42	85	7	5	1	–	4-6	10	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts L)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1017.2	-20	SSW	2	c/pr	45	95	6	8	2	–	4-6	10	1500
15	Dalwhinnie	1178	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1018.4	-10	SSW	3	c	40	95	8	8	1	–	4-6	7-8	1500
16	Lerwick	54	1016.3	-2	–	0	c	38	75	8	5	2	–	4-6	9+	1500
17	Blacksod Point	18	1024.3	-12	S	4	c	48	95	7	5	–	–	9	9	220
18	Malin Head	52	1022.7	-18	SW	3	c	45	85	7	4	9	–	4-6	9+	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1029.5	+4	SE	3	bc	45	95	8	–	–	1	0	2-3	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	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)
1028.7	+10	–	0	bc	39	85	8	–	–	6	0	4.6	–	0	*
1028.3	+8	WSW	1	c	39	85	7	–	–	5	0	7.8	–	1	*
1029.0	+8	NW	1	bc	35	95	7	–	8	8	0	4.6	–	0	*
1029.0	+6	SSE	1	bc	32	95	7	1	–	1	1	4.6	2500	1	*
1029.2	+6	WNW	2	c	34	95	7	–	–	6	0	7.8	–	0	*
1028.9	+4	W'N	2	c	37	85	7	–	7	8	0	7.8	–	0	0
*	*	NW	2	bc	*	*	6	5	–	*	4.6	4.6	1500	*	1
1027.9	+10	NW'N	3	b	37	85	5	–	–	–	0	0	–	0	*
1027.7	+8	WNW	2	bc	40	85	6	–	1	–	0	4.6	–	0	*
1027.4	+12	W'N	3	b	39	95	6	–	–	2	0	4.6	–	0	1
1025.6	+6	W'S	2	b	37	85	5	5	1	–	4.6	9	2500	0	2
1026.8	+10	W	3	c	37	95	6	–	–	6	0	7.8	–	1	*
1027.9	+4	WSW	3	c	40	85	8	–	1	–	0	9	–	1	*
1028.5	+8	WSW	1	c	38	85	8	–	–	8	0	7.8	–	0	*
1028.1	0	SSW	2	bc	37	85	8	–	–	5	0	4.6	–	1	*
1029.1	+8	N	2	bc	45	85	7	4	–	–	4.6	4.6	2500	0	2
1029.8	+10	–	0	b	35	95	8	–	–	1	0	1	–	1	0
1030.0	+2	N	2	bc	43	95	8	7	4	–	2.3	2.3	4000	0	2
1030.1	+2	N'E	1	b	44	95	7	–	–	–	0	0	–	0	1
1028.9	+8	SE	1	bc	45	95	7	–	–	–	0	0	–	0	1
1028.8	0	WSW	2	bc	46	95	8	5	4	4	Tr	2.3	5700	0	1
1025.8	-6	SW	3	c	45	85	8	5	–	7	1	10	4000	0	1
1026.9	+2	S	1	c	39	85	7	5	7	1	1	7.8	5700	1	*
1026.5	0	SW'S	3	bc	41	85	8	–	4	6	0	4.6	–	0	*
1024.5	0	SW	3	c	41	85	8	6	1	–	1	9+	2500	0	*
1024.7	+2	NW'W	4	c	41	85	6	5	3	9	2.3	7.8	800	0	3
1023.8	0	SE'E	2	c	43	85	8	8	7	–	4.6	10	2500	0	*
1023.2	+4	WSW	2	bc	42	95	6	2	–	–	4.6	4.6	2500	0	1
1019.8	-12	SW	4	c	43	75	8	4	7	–	4.6	10	2500	0	2
1019.2	-14	WSW	3	c	42	85	8	5	1	–	4.6	10	4000	0	*
1020.6	-12	S	4	c	44	75	8	5	–	–	10	10	2500	0	*
1022.4	-12	SSW	3	c	39	85	9	5	7	–	9	9+	1500	1	1
1015.9	-26	SSW	5	ic	47	85	6	6	2	–	9+	10	800	1	3
1010.1	-36	SSW	5	ic	47	85	7	9	2	–	7.8	10	1500	1	3
1017.1	-16	S	4	c	40	85	8	4	2	–	4.6	10	800	1	*
1017.2	-18	SW	3	c	42	75	8	5	–	–	9+	9+	4000	0	1
1012.8	-26	SW	3	c/pc	43	95	8	8	1	–	7.8	10	1500	1	2
1009.4	-40	SSW	5	c.c	43	95	7	8	2	–	9	10	1500	1	*
1021.1	-8	WSW	6	c	49	95	9	8	–	–	9	9	450	0	5
1018.5	-20	WSW	4	c	48	95	7	5	1	–	9	9+	1500	0	1
1022.9	-18	SSW	4	c	40	85	8	5	2	7	1	10	1500	0	*
1022.9	-14	WSW	2	c	41	85	8	5	–	–	7.8	7.8	1500	0	1
1025.8	-8	SW	1	c	38	95	8	5	–	–	9+	9+	2500	1	*
1027.6	-6	SW	4	c	48	75	8	5	–	–	9+	9+	2500	0	3
1028.0	-4	N	2	bc	40	95	8	5	–	9	2-3	4.6	2500	0	2

PAST 24 HOURS.

Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 1st. Hrs. (36)
54	36	26	–	–	0.3
55	36	31	0.2	–	0.3
57	30	19	Tr	–	1.0
55	31	25	0.1	–	1.7
(56)	32	24	–	–	1.3
54	33	29	–	–	1.9
53	32	*	–	–	*
53	37	32	Tr	–	3.1
54	36	32	Tr	–	0.3
52	37	27	Tr	–	0.0
52	36	34	0.1	–	0.3
52	35	33	–	–	2.6
50	38	32	–	–	2.0
52	34	26	Tr	–	*
55	32	21	–	–	2.5
51	43	*	–	–	*
54	34	29	0.2	–	2.8
55	42	*	–	Tr	*
53	43	*	–	Tr	9.9
57	43	33	–	–	10.5
52	44	*	0.1	–	3.6
50	41	31	Tr	–	4.4
50	31	23	Tr	–	4.1
48	39	37	Tr	–	4.3
51	38	29	–	–	3.5
51	39	*	Tr	–	3.5
46	37	32	Tr	–	4.6
49	39	36	0.3	–	8.2
45	37	*	0.3	0.5	*
45	37	*	0.1	2	5.3
51	45	*	–	–	*
53	40	35	Tr	–	7.9
51	41	38	–	–	8.6
51	38	34	–	–	7.6
49	45	41	Tr	Tr	5.1
49	42	*	Tr	1	4.6
46	39	36	0.3	–	8.2
45	37	*	0.3	0.5	*
45	37	*	0.1	2	5.3
51	45	*	–	–	*
53	40	35	Tr	–	6.3
51	41	38	–	–	4.1
51	38	*	0.2	–	*
52	33	23	–	–	3.7
53	36	33	–	–	8.4
56	39	*	–	Tr	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations, except Greenwich & Hampstead rainfall, 9h–18h.

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility 9h. To-day.
Kew	18	c	c	cbcbxbc	54	36	26	–	–	0.3	*	*	7
Croydon	217	cr0pr0c	c3o	cbx0mbc	55	36	31	0.2	–	0.3	*	*	6
Greenwich (Royal Observatory)	149	cp0	c	cbx3o	54	35	27	Tr	Tr	0.2	62	58	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.2	*	*	*
Westminster (St. James' Park)	27	*	*	*	54	37	29			0.3	61	63	*
‡Regents Pk. (Botanic Gardens)	168	*	*	*	53	37	31			0.2	73	69	*
Camden Square	110	c	c	*	53	38	29	–	–	*	*	59	*
Kensington	80	oc	c	*	54	37	29	–	–	0.3	At 18h. 65		*
Hampstead Observatory	450	0	c	bc	52	35	23	–	–	0.0	78	66	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.6	21-23h 1st	Nil	5-7h. 2nd

Kew Observatory. Max.	Time.	Min.	Time.
0.3	22h 1st	<0.1	5h 2nd

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 1st April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 2nd April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1024.1	NW	3	c	55	1028.6	WNW	1	3o	43	57	41	–	–
Brussels	1022.0	W	4	r0	46	1027.0	N	5	c	39	55	34	0.5	0.4
Berlin	1014.0	SW	5	rr	46	1014.4	W	4	r.c	37	55	37	1	4
Zürich	1021.4	NW	2	b	54	1023.8	WNW	1	0	43	59	41	–	–
Rome	1019.5	SW	3	bc	55	1020.6	–	0	F	41	64	36	–	–

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 and Rainfall are for the 24 hours ending 9h.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 3rd April 1933.

No. 26.065

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

Districts.	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)	1026.5	-4.0	W	4	bc	54	45	8	-	-	1	0	4.6	-
	Croydon	1026.5	-2.8	SW'W	4	bc	56	45	7	-	7	2	0	4.6	-
	S. Farnborough	1026.9	-1.6	W	3	c	56	45	8	1	7	8	Tr.	7-8	2500
	Winchester	1027.2	-1.8	WSW	4	bc	55	55	8	1	-	1	Tr.	4.6	2500
	Boscombe Down	1027.3	-1.6	W	4	bc	55	55	7	-	-	1	0	2.3	-
	Calshot, S'thm'tn	1028.2	-1.2	SW'S	4	bc	54	45	7	-	4	6	0	4.6	-
	Dungeness	*	*	SW	3	c	*	*	6	8	9	*	4.6	9	800
	Lympne	1026.9	-1.8	SW'S	4	c	54	45	8	-	-	6	0	9	-
2	Shoeburyness	1026.3	-1.8	WSW	3	c	53	55	6	-	1	-	0	10	-
	Felixstowe	1025.3	-1.8	W'S	4	c	54	55	8	7	-	6	1	7-8	4000
	Gorleston	1023.6	-1.0	WSW	4	c	54	65	6	1	3	-	2.3	7-8	2500
	Cranwell	1023.2	-2.0	W'S	5	c	51	65	7	5	7	-	4.6	10	1500
3	Birmingham	1025.2	-1.2	WSW	4	c	52	65	8	1	7	-	1	9	2500
	Upper Heyford	1026.7	-1.0	SW	4	c	56	55	8	1	-	8	1	9+	4000
4	Ross-on-Wye	1025.5	-0.8	W'S	4	bc	55	55	8	1	-	2	2.3	4.6	4000
5	Portland Bill	1029.5	-0.2	SW	1	bc	60	85	8	2	-	-	4.6	4.6	2500
	Plymouth	1029.3	-0.6	S	3	bc	52	85	8	1	-	1	Tr.	2.3	2500
	The Lizard	1029.9	0	SSW	2	bc	54	85	8	7	5	-	2.3	4.6	5700
	Scilly (St. Mary's)	1030.1	-0.2	W'S	3	c	52	85	8	8	-	-	7.8	7.8	4000
	Guernsey	1029.2	-0.2	WNW	2	b	55	65	7	1	-	-	Tr.	Tr.	2500
6	Pembroke	1027.1	-0.8	WSW	3	bc	49	85	8	7	8	-	2.3	4.6	4000
7	Holyhead	1024.1	-0.6	SSW	5	c	51	75	8	1	-	2	Tr.	9+	2500
	Chester (Sealand)	1023.7	-1.4	WSW	4	c	55	55	8	5	1	6	4.6	9	2500
8	L'pool (Bidston)	1023.5	-0.6	W'N	4	bc	47	75	8	1	-	4	2.3	4.6	4000
9	Harrogate	1021.6	-0.6	SW	4	c	46	75	9	6	2	-	4.6	10	2500
10	Spurn Head	1021.4	-1.2	W	5	c	53	95	6	5	7	-	4.6	9	1500
	Catterick	1020.3	-1.6	SW'W	4	q	46	65	8	5	7	-	4.6	9+	2500
	Tynemouth	1018.3	-1.8	WSW	3	o	48	75	6	6	-	-	10	10	1500
11	Inchkeith	1014.0	-2.4	SW	5	c	47	75	8	8	7	-	7-8	10	2500
	Leuchars	1013.3	-3.4	SW	6	q	47	75	7	5	7	4	7-8	9	1500
12	Renfrew (Abbotts'l)	1015.8	-1.6	SW	5	r.	47	85	6	6	2	-	9	10	1500
	Eskdalemuir	1017.7	-2.2	SW	6	r.	43	85	6	6	2	-	9+	10	800
13A	Tiree	1012.4	-0.8	SW	7	o|d	49	95	5	6	-	-	10	10	450
13B	Stornoway	1005.5	-0.8	SW	5	rr	51	95	7	5	-	-	10	10	800
15	Dalwhinnie	1012.4	-1.4	SW	6	r.	48	85	7	4	2	-	4.6	10	1500
	Aberdeen	1009.8	-4.0	SW	4	c	51	65	8	5	7	-	4.6	7.8	4000
	Wick	1005.4	-3.0	SW	4	c|r	48	95	8	8	1	-	7.8	9+	1500
16	Lerwick	1000.4	-3.0	SSW	7	RR	43	95	5	6	-	-	10	10	800
17	Blacksod Point	1020.5	-0.4	WSW	7	q	51	95	8	5	-	-	10	10	220
18	Malin Head	1015.5	-1.6	WSW	6	c	51	95	7	6	2	-	9+	10	1500
	Aldergrove	1019.6	-1.4	SW	5	c	51	75	8	5	1	-	7-8	10	2500
	Donaghadee	1019.1	-1.0	SW	3	c	51	65	7	5	2	-	4.6	7-8	1500
19	Birr Castle	1024.8	-2.2	WSW	4	c	52	65	8	5	-	-	9+	9+	2500
20	Valentia Obsy.	1027.3	0.0	SW	4	c	51	75	8	5	-	-	10	10	2500
	Roches Point	1027.4	-2.2	W	4	c	51	65	9	3	-	-	7-8	7-8	2500

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

Districts.	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	-1.6	W'S	4	c	53	65	7	5	3	b	4.6	7-8	4000	0	*
	Croydon	1023.6	-1.2	SW	3	c	53	65	6	-	7	2	0	9	-	0	*
	S. Farnborough	1024.0	-1.4	WSW	3	c	53	65	8	-	7	8	0	9	-	0	*
	Winchester	1026.2	0	W	3	c	52	65	8	-	7	-	0	7-8	-	0	*
	Boscombe Down	1024.5	-0.8	WNW	4	c	51	65	8	-	2	4	0	7-8	-	0	*
	Calshot, S'thm'tn	1025.7	-1.2	SW'S	4	c	49	75	7	-	9	-	0	7-8	-	0	2
	Dungeness	*	*	SW'W	5	c	*	*	7	8	7	*	4.6	9	450	*	3
	Lympne	1024.7	-0.6	SW'W	4	c	48	65	8	-	7	-	0	9+	-	0	*
2	Shoeburyness	1022.6	-1.0	W	3	c	55	55	6	-	7	-	0	10	-	0	*
	Felixstowe	1022.3	-1.2	SW'S	2	c	51	75	7	5	7	8	4.6	9	5700	0	1
	Gorleston	1020.4	-1.4	WSW	3	c	54	55	6	4	-	-	9	9	4000	0	2
	Cranwell	1020.9	0	W'N	5	c	51	65	7	5	4	-	7-8	9	5700	0	*
3	Birmingham	1022.2	-0.8	W	4	c	53	55	8	6	1	-	1	7-8	2500	1	*
	Upper Heyford	1023.5	-1.6	SW	3	c	51	65	8	-	7	-	0	9+	800	0	*
4	Ross-on-Wye	1023.7	-1.0	WSW	5	c	49	65	8	4	7	2	1	7-8	4000	0	*
5	Portland Bill	1026.6	-0.4	W	4	c	49	85	8	4	4	2	4.6	7-8	2500	0	3
	Plymouth	1028.3	0	WNW	4	c	50	75	8	7	-	6	4.6	7-8	2500	1	2
	The Lizard	1029.2	-0.4	W	3	bc	49	85	8	4	5	4	2.3	4.6	4000	0	2
	Scilly (St. Mary's)	1029.8	-0.2	W'N	3	c	48	85	8	5	-	-	7.8	7.8	4000	0	2
	Guernsey	1028.2	-0.8	W	3	bc	49	75	7	7	1	1	4.6	4.6	2500	0	2
6	Pembroke	1025.7	-1.0	WSW	3	c	48	85	7	5	8	-	4.6	7.8	4000	0	2
7	Holyhead	1021.7	-1.2	SW'W	4	c	49	85	7	-	7	8	0	9+	-	0	2
	Chester (Sealand)	1022.0	-0.8	WSW	3	c	50	65	8	5	9	1*	1	7-8	2500	0	*
8	L'pool (Bidston)	1021.2	-0.8	SW'W	3	bc	50	65	8	5	4	9	2.3	4.6	4000	0	*
9	Harrogate	1018.5	-0.6	SW	5	q	48	75	7	6	2	-	9	9+	2500	0	*
10	Spurn Head	1018.6	-0.6	WNW	5	c	49	75	6	5	2	-	4.6	9	1500	0	4
	Catterick	1017.0	-1.0	SW'W	5	q	49	75	8	4	9	1	4.6	9	4000	0	*
	Tynemouth	1014.2	-2.4	W	6	o	52	75	6	6	-	-	10	10	1500	0	2
11	Inchkeith	1011.8	-1.0	SW	5	r.	47	85	7	6	4	-	10	10	1500	1	3
	Leuchars	1010.7	-1.0	WSW	5	r.	51	85	8	6	7	6	2.3	9+	1500	0	*
12	Renfrew (Abbotts'l)	1013.7	-1.0	WSW	5	r.	49	85	6	6	-	-	10	10	450	1	*
	Eskdalemuir	1014.7	-1.8	WSW	6	r.	44	95	5	6	-	-	10	10	450	1	*
13A	Tiree	1011.2	-2.2	WSW	6	d	50	95	5	8	-	-	10	10	450	1	4
13B	Stornoway	1005.1	0	W	6	c	51	95	7	8	2	-	10	10	800	1	4
15	Dalwhinnie	1009.6	-4.4	WSW	6	r.	49	85	8	3	2	-	2.3	10	800	1	*
	Aberdeen	1006.8	-3.8	WSW	4	c	54	65	8	5	7	-	2.3	9+	4000	1	1
	Wick	1003.1	-1.2	WSW	4	c	52	95	8	9	1	-	4.6	9	1500	1	3
16	Lerwick	997.1	0	W'S	6	r.	48	85	6	6	-	-	9+	9+	800	2	*
17	Blacksod Point	1019.1	-2.2	WSW	7	r.	50	95	7	5	-	-	10	10	<150	1	6
18	Malin Head	1014.5	0	WSW	7	r	49	95	7	6	2	-	9+	10	800	1	4
	Aldergrove	1018.3	+2.2	SW'W	5	r.	49	85	7	6	2	-	9	10	1500	1	*
	Donaghadee	1018.0	0	SSW	3	jp	51	85	7	5	-	-	9	9	1500	0	2
19	Birr Castle	1023.5	-0.6	WSW	4	c	50	75	8	5	-	-	9+	9+	2500	0	*
20	Valentia Obsy.	1026.6	-2.2	SW	4	c	50	75	8	5	-	-	10	10	1500	0	3
	Roches Point	1026.2	-0.6	W	4	c	51	75	8	3	-	4	4.6	7-8	2500	0	4

PAST 24 HOURS. WEATHER.

Districts.	Stations.	7h.–13h. 2nd (37)	13h.–18h. 2nd (38)	18h. 2nd to 1h. 3rd (39)	1h.–7h. 3rd (40)
1	London (Kew)	bc	bcyc	c	c
	Croydon	bc3.bc	bccy⊕	c3.bcc	c
	S. Farnborough	bcbcy	cbccy	c	c cw
	Winchester	bcbbcc	bcybc	bcbbc	bcc
	Boscombe Down	bcm.bc	bcycy	c	c
	Calshot, S'thm'tn	c, bbc	bc	bcbbcw	bcwcw
	Dungeness	bc	bc	*	bc
	Lympne	bbc3.cy	cyc	c	cbc
2	Shoeburyness	bm.c3.y	c3.y	c3.y	cm.
	Felixstowe	bcmbccy	cyc	c	c
	Gorleston	c	cy	cyo.q	c
	Cranwell	bcm.c	c		cr.c
3	Birmingham	cbcc	bcb	bc	bcc
	Upper Heyford	bccy	cy		c
4	Ross-on-Wye	bccbcy	bcyc	cbcc	bcwc
5	Portland Bill	bc	bcc	c	c
	Plymouth	b	bbcc	cbc	c
	The Lizard	bc	bc	bcc	c
	Scilly (St. Mary's)	bbcc	cbcc	c	c
	Guernsey	bcb	bbc	bcc	c
6	Pembroke	bcbbc	bcc	bbccqc	cq
7	Holyhead	cbcc	c	cq	cq
	Chester (Sealand)	cy	ybc	bcc	c
8	L'pool (Bidston)	bccbc	bcbbc	oirc	c
9	Harrogate	c	cq	cq	cq
10	Spurn Head	bc	pr c	cqr	rcq
	Catterick	cq	p.cq	c	c
	Tynemouth	bco	oq	cqr	occq
11	Inchkeith	cir.	cir.q	cq	cq
	Leuchars	c cq	cq ir.	cq bc	bcqpq
12	Renfrew (Abbotts'l)	cir.q	ir.rrq.o	rrcq	oir.q.o
	Eskdalemuir	c cmr	cr.r.	cr.r.	cr.r.
13A	Tiree	cddm.	cirdr.p	cdrrm.	cddm.
13B	Stornoway	crr	cr.r.	cir.r	cir. pr
15	Dalwhinnie	ir.o	ir.o	*	ir.o
	Aberdeen	cr.	cr.r.	bcb	bbc
	Wick	cr.r	cprc	c	c
16	Lerwick	co RRm.	o RR, cirm.	cr.r.m.	cbcpq
17	Blacksod Point	bcvjpq	cir.q	cq	cq
18	Malin Head	cp.	cpr3	cpr.	c
	Aldergrove	c	c cr.r.	cr.c	c
	Donaghadee	c	c	10.cq	c
19	Birr Castle	c	c	c	c
20	Valentia Obsy.	c	c	c	c
	Roches Point	bccv	c vc	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.
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. ⁄⁄ 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.*

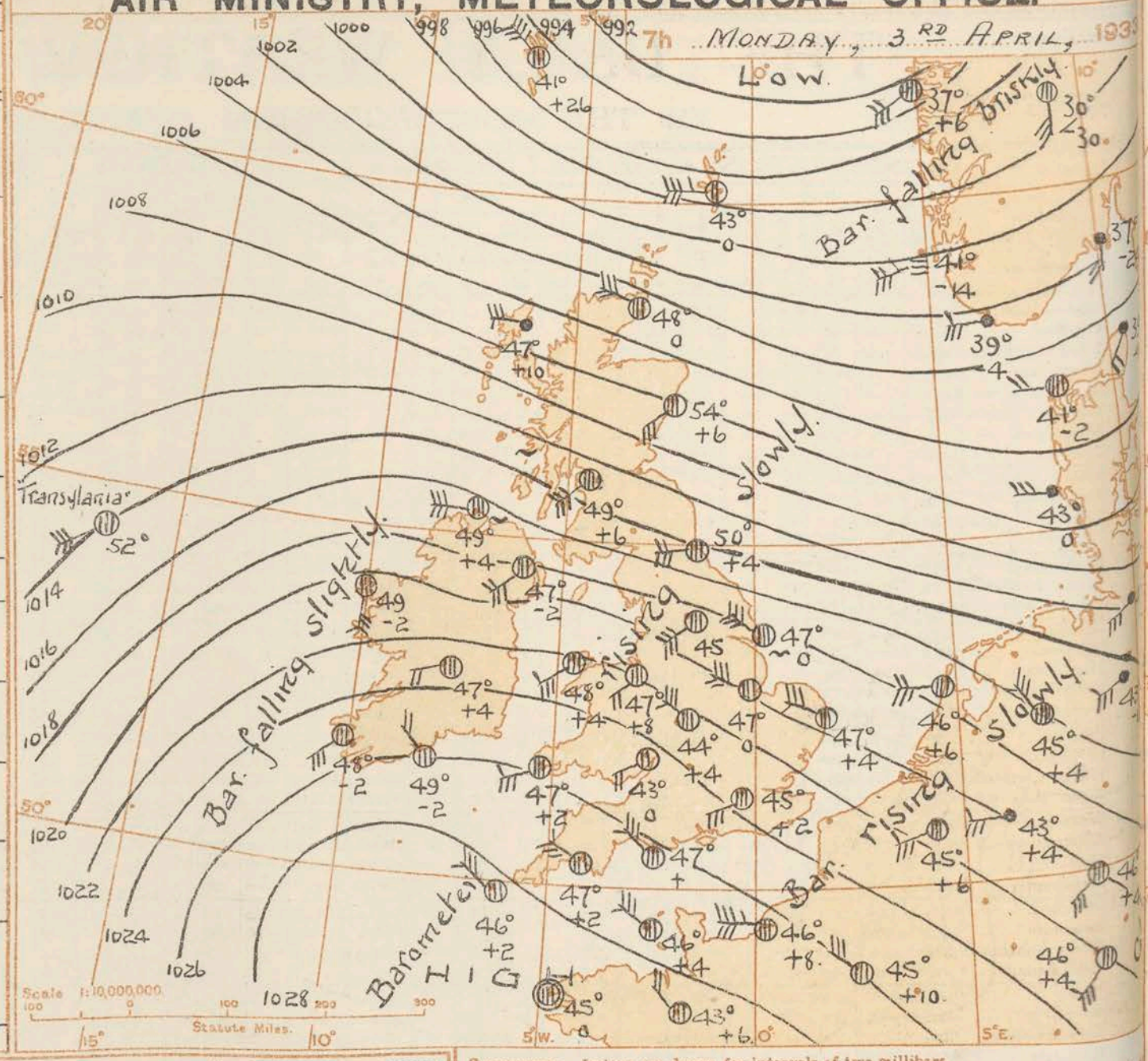
REPORTS from HEALTH RESORTS for 2nd April 1933.

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.	bc	bbc	29	58	–	–	7.5	1.0
	Bournemouth	b	b	34	56	–	–	10.0	2.0
	Ventnor ...	cbzbz	bbcb	40	52	–	–	8.8	8.0
	Southsea ...	b	b	37	56	–	–	8.1	3.9
	Bognor Regis	b	bc	37	54	–	–	7.4	3.3
	Littlehampton	bc	bc	36	53	–	–	8.2	2.7
	Worthing ...	b	bbc	38	52	–	–	8.0	2.7
	Brighton ...	bc	cbc	39	52	–	–	8.1	2.5
	Eastbourne†	bcb	bbcc	40	54	–	–	9.0	5.1
	Hastings† ...	b	bbc	38	55	–	–	7.3	2.3
	Folkestone ...	bbc	bcc	39	55	–	–	5.4	3.5
	Dover... ...	ybc	bco	40	55	–	–	5.9	4.2
	Deal	b	bcc	39	58	–	–	6.1	2.8
	Ramsgate ...	bbc	bcc	38	?	–	–	6.4	2.9
	Margate ...	bc	bcc	41	57	–	–	6.3	2.8
2	Southend ...	bbcc	co	37	55	–	–	4.6	0.2
	Maldon ...	bbcc	bcco	40	57	–	–	4.7	0.1
	Clacton-on-Sea	bcc	c	36	57	–	–	5.3	0.1
	Dovercourt ...	bc	bcc	37	58	–	–	5.5	0.3
	Lowestoft ...	bzbbc	bcc	34	58	–	–	3.9	0.9
	Skegness ...	obc	obc	35	54	0.1	–	4.5	3.4
	Mablethorpe	c	co	35	54	–	–	3.1	3.1
	Cleethorpes...	c	com	41	55	–	–	2.8	4.1
3	Leamington S.	ocbc	bbc	34	55	–	–	2.4	1.5
4	Cheltenham†	cqbc	bcc	32	56	–	–	5.2	1.6
5	Bath	bcc	bbc	32	57	–	–	9.2	2.0
	Weymouth ...	b	b	35	56	–	–	9.8	6.1
	Jersey ...	pcbc	bcb	42	54	Tr.	–	7.0	6.6
	Torquay ...	bwb	bc	36	60	–	–	10.2	3.2
	Penzance ...	bc	b	39	56	–	–	9.1	7.5
	St. Ives ...	b	c	41	54	–	–	7.7	8.2
	Bude	wb	bbcc	32	53	–	–	7.9	8.5
	Ilfracombe ...	b	bc	38	43	–	–	8.0	7.0
6	Aberystwyth	bc	bc	37	51	–	–	5.9	4.6
7	Llandudno ...	cbc	bc	38	52	–	–	5.9	4.1
	Colwyn Bay...	bcc	bcb	39	58	–	–	6.1	2.8
	Rhyl	c	cdc	35	55	–	–	6.4	3.8
8	Wallasey ...	cbc	bcb	38	54	–	–	5.5	4.1
	Southport‖ ...	cbc	bcco	42	52	–	–	4.7	5.8
	Blackpool ...	c	c	43	51	–	–	3.8	6.8
	Morecambe ...	cbbc	cbcc	42	48	–	–	1.1	5.5
9	Ilkley... ...	c	c	36	49	–	–	0.0	2.5
10	Berwick-on-T.	o	co	41	50	–	–	0.2	6.1
11	Dunbar ...	bc	cr.	42	51	–	Trace	0.2	7.0
12	Troon... ...	ocect	r	43	48	–	8	0.0	5.4
	Douglas ...	xcbc	cq	39	52	–	–	1.4	4.2

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. MONDAY, 3RD APRIL, 1933



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 3rd April, 1933.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Wind westerly, moderate; fair; mild by day, perhaps local ground frost in early morning.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Wind westerly, moderate or fresh, backing; mainly cloudy; mild.
9. N Midlands 10. N.E. England 11. S.E. Scotland	Wind west or southwest, moderate; cloudy, bright intervals; mild.
12. S.W. Scotland & Isle of Man 13. { A. W Scotld. / B. N.W. Scotland.	Wind southwest, fresh, strong locally; cloudy; occasional local rain; mild.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Wind west or northwest, strong or fresh; cloudy; showers; cooler.
17. N.W. Ireland 18. N.E. Ireland	As 12 - 13A.
19. S.E. Ireland 20. S.W. Ireland	As 5 - 8.

GENERAL INFERENCE.

Pressure is high over France. A depression north of the Shetlands is moving east and another on the Atlantic will probably move northeast. Weather will be unsettled in the Northwest and North, but fair elsewhere.

FURTHER OUTLOOK.

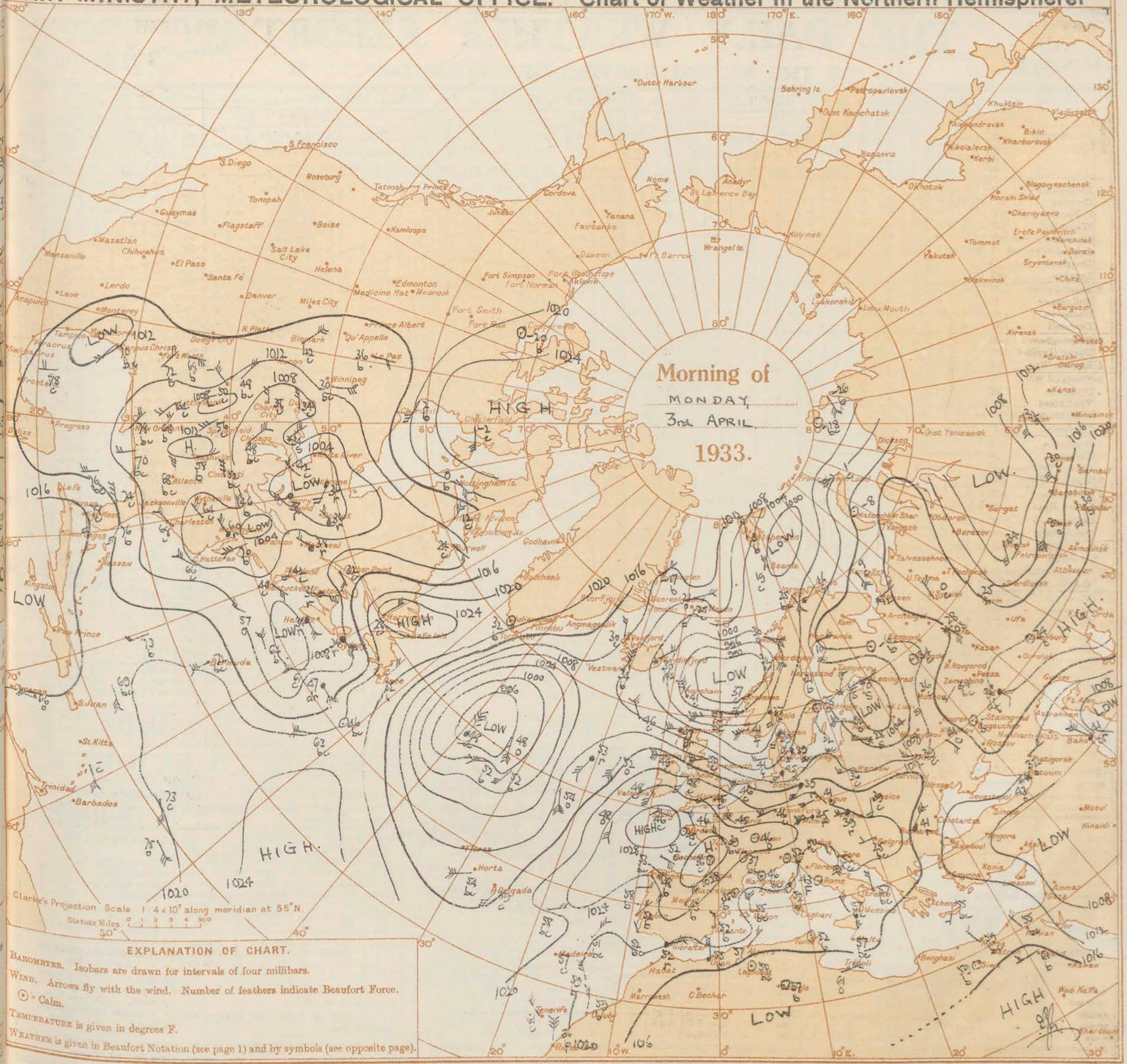
Unsettled in the North, mainly fair in the South.

Forecasts issued at 1015 G.M.T.

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

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

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 3rd April 1933.

No. 26.065

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

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	1023.6	-4	W'S	3	c	45	85	7	-	7	-	0	7-8	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	1025.4	-2	WSW	3	c	43	85	8	-	9	-	0	7-8	-
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1023.4	-8	W	3	c	44	85	7	5	2	-	4-6	10	2500
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	14	1019.3	-4	W'S	4	c/r	47	95	6	6	2	-	4-6	7-8	2500
	Cranwell	240														
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1025.9	-4	NW	4	c	47	85	8	4	-	-	7-8	7-8	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	222	1028.8	-2	W	4	c	46	85	8	5	-	-	9+	9+	2500
	Scilly (St. Mary's)	163	1029.3	-2	WNW	3	c	46	85	8	8	-	-	9	9	4000
	Guernsey	175	1028.3	-8	WNW	3	c	46	85	8	8	-	-	7-8	7-8	2500
6	Pembroke	142	1025.0	0	W	5	q	47	85	7	5	-	-	10	10	2500
7	Holyhead	26	1022.9	+6	W'S	5	c	49	75	8	5	-	-	9+	9+	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1016.9	-6	NNW	7	r	48	85	7	6	2	-	4-6	10	2500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	67	1014.0	+6	W	5	o	50	95	8	6	-	-	10	10	1500
11	Inchkeith	190	1011.3	-4	SW	6	c	49	85	8	8	7	-	4-6	8	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts L)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1006.2	0	W	6	r/c	50	95	6	5	2	-	7-8	10	800
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1004.1	0	W	3	c	50	95	8	8	1	-	7-8	9	1500
16	Lerwick	54	998.1	-4	W'S	6	c/r	46	95	7	8	1	-	4-6	7-8	1500
17	Blacksod Point	18	1021.1	+4	WSW	6	q/r	50	95	7	5	-	-	9	9	220
18	Malin Head	52	1016.1	+4	W'S	6	c	49	95	7	8	2	-	9+	10	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1025.8	0	SW	4	c	49	75	8	-	2	-	0	10	--
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1024.1	+6	WSW	3	c	46	85	8	5	3	1	Tr.	7-8	5700	0	*
	Croydon	1023.8	+2	W'S	3	c	45	85	7	-	7	-	0	7-8	-	0	*
	S. Farnborough	1024.3	+8	W'S	2	c	45	85	7	5	7	-	1	9+	-	0	*
	Winchester	1024.7	+14	W'S	4	c	46	85	8	5	1	-	7-8	10	1500	0	*
	Boscombe Down	1024.7	+10	W	4	c	45	85	7	5	-	1	9	9+	1500	0	*
	Calshot, (S'thmtn)	1025.3	+6	WSW	3	c	46	85	8	5	-	-	9+	9+	1500	0	1
	Dungeness	*	*	SW'W	3	c	*	*	7	8	7	*	2-3	7-8	1500	*	3
	Lympne	1023.5	+6	W	3	bc	44	85	7	-	3	1	0	4-6	-	0	*
2	Shoeburyness	1022.2	+6	W	2	c	47	85	6	5	7	-	2-3	9	5700	0	*
	Felixstowe	1020.8	+8	W	4	c	47	85	7	5	3	-	7-8	9	4000	0	2
	Gorleston	1018.6	+4	W'N	4	c	47	85	7	4	4	-	4-6	7-8	2500	0	1
	Cranwell	1019.9	0	WNW	5	c	47	85	7	5	2	-	7-8	10	4000	1	*
3	Birmingham	1022.6	+4	WNW	4	c	44	85	6	5	7	9	2-3	7-8	2500	1	*
	Upper Heyford	1023.6	+4	W	2	c	44	85	7	5	7	-	4-6	9+	2500	0	*
4	Ross-on-Wye	1023.7	0	W'S	2	bc	43	85	8	4	2	2	1	4-6	4000	1	*
5	Portland Bill	1026.4	+6	NW	4	c	47	85	8	4	-	-	10	10	2500	0	3
	Plymouth	1027.6	+2	WNW	4	c	47	85	8	5	-	-	9+	9+	1500	1	2
	The Lizard	1029.0	+4	W	4	c	47	85	8	8	-	-	10	10	4000	0	2
	Scilly (St. Mary's)	1028.9	+2	WNW	4	c	46	85	8	5	-	-	10	10	4000	0	2
	Guernsey	1027.6	+4	NW	4	c	46	86	7	5	-	-	7-8	7-8	1500	0	3
6	Pembroke	1025.9	+2	WSW	4	Q	47	85	7	6	-	-	9+	9+	2500	0	2
7	Holyhead	1023.2	+4	SW'W	4	q	48	75	8	5	-	1	9+	9+	1500	0	2
	Chester (Sealand)	1023.4	+8	WSW	2	c	47	75	7	5	-	5	7-8	7-8	2500	1	*
8	L'pool (Bidston)	1022.7	0	WSW	4	c	46	85	8	5	-	-	9+	9+	2500	1	*
9	Harrogate	1018.6	0	SW'W	6	q	45	85	9	6	1	-	4-6	9+	2500	0	*
10	Spurn Head	1017.7	0	WNW	6	c	47	85	6	5	2	-	4-6	7-8	2500	0	4
	Catterick	1017.8	+4	WSW	4	c	47	85	8	5	7	2	2-3	9	2500	0	*
	Tynemouth	1014.4	+4	W	5	c	50	85	8	4	-	-	7-8	7-8	4000	0	2
11	Inchkeith	1011.7	0	SW	6	c	48	85	8	5	-	-	10	10	1500	0	3
	Leuchars	1010.6	0	WSW	4	q	51	85	8	5	-	1	9	9	1500	0	*
12	Renfrew (Abbotts L)	1014.9	-4	WSW	6	q	49	85	6	5	-	-	10	10	800	1	*
	Eskdalemuir	1015.6	+4	W'S	4	r/o	47	95	6	6	-	-	10	10	800	1	*
13A	Tiree	1013.0	-2	SW'W	6	dd	49	95	5	5	-	-	10	10	450	1	4
13B	Stornoway	1008.0	+10	W	4	pr	47	95	7	8	6	-	4-6	7-8	1500	1	2
15	Dalwhinnie	1009.7	0	W	8	r/o	48	85	8	4	-	-	7-8	7-8	800	1	*
	Aberdeen	1007.7	+6	SW	3	c	54	65	8	8	3	1	4-6	7-8	2500	1	1
	Wick	1004.3	0	WNW	5	c	48	95	8	9	8	8	4-6	7-8	1500	1	3
16	Lerwick	997.6	0	W	7	bc/pr	43	75	8	8	-	-	4-6	4-6	1500	0	*
17	Blacksod Point	1021.4	-2	S	4	c	49	95	7	5	-	-	10	10	450	0	3
18	Malin Head	1016.6	+4	W	6	c	49	95	7	6	2	-	9+	10	800	0	4
	Aldergrove	1019.7	-2	SW	5	c	47	85	8	5	2	-	9	10	1500	1	*
	Donaghadee	1018.1	+4	W'W	5	c	49	75	8	5	-	-	7-8	7-8	1500	0	2
19	Birr Castle	1023.3	+4	WSW	2	c	47	85	8	5	-	-	9+	9+	2500	0	*
20	Valentia Obsy.†	1025.8	-2	SW	3	c	48	85	8	5	-	-	10	10	2500	0	3
	Roches Point	1026.0	-2	NW	2	c	49	75	8	5	-	-	7-8	7-8	2500	0	2

PAST 24 HOURS.

Dist.	Stations	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 2nd Hrs. (36)
1	London (Kew)	58	43	35	-	-	7·6
	Croydon	58	43	40	-	-	7·9
	S. Farnborough	60	42	35	-	-	7·0
	Winchester	58	44	40	-	-	8·1
	Boscombe Down	58	44	42	-	-	9·0
	Calshot, (S'thmtn)	55	42	37	-	-	8·2
	Dungeness	53	43	*	-	-	*
	Lympne	55	42	38	-	-	5·7
2	Shoeburyness	57	44	43	-	-	4·9
	Felixstowe	57	46	41	-	-	5·2
	Gorleston	57	46	42	-	0·4	3·6
	Cranwell	54	45	43	-	0·6	3·4
3	Birmingham	56	43	41	-	-	3·8
	Upper Heyford	57	41	38	-	-	*
4	Ross-on-Wye	57	41	29	-	-	7·8
5	Portland Bill	52	46	*	-	-	*
	Plymouth	53	46	43	-	-	9·4
	The Lizard	55	46	*	-	-	*
	Scilly (St. Mary's)	53	46	*	-	-	9·8
	Guernsey	56	46	41	-	-	11·4
6	Pembroke	50	46	*	-	-	7·1
7	Holyhead	52	47	45	-	-	6·1
	Chester (Sealand)	56	47	43	-	-	5·1
8	L'pool (Bidston)	52	45	43	-	0·4	5·4
9	Harrogate	48	45	43	-	-	0·3
10	Spurn Head	53	46	*	Tr.	0·3	2·7
	Catterick	49	47	45	-	-	0·3
	Tynemouth	52	49	41	-	-	*
11	Inchkeith	48	47	46	0·1	Tr.	0·6
	Leuchars	53	48	45	Tr.	-	1·3
12	Renfrew (Abbotts L)	49	48	47	7	2	0·4
	Eskdalemuir	46	45	44	2	3	0·0
13A	Tiree	50	48	48	3	2	0·0
13B	Stornoway	52	46	*	5	2	0·0
15	Dalwhinnie	49	47	42	4	1	0·6
	Aberdeen	55	46	40	2	-	0·1
	Wick	54	47	*	2	-	*
16	Lerwick	48	42	*	8	3	0·0
17	Blacksod Point	51	48	*	Tr.	-	*
18	Malin Head	51	47	*	0·4	0·2	0·0
	Aldergrove	52	47	45	0·1	Tr.	0·0
	Donaghadee	54	49	*	-	Tr.	*
19	Birr Castle	52	48	46	-	-	0·4
20	Valentia Obsy.†	51	48	47	-	-	0·0
	Roches Point	53	48	*	-	-	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations, except Greenwich & Hampstead rainfall, 9h–18h.

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
										Yesterday.		To-day.	
KEW	18	bc	bc y c	c	58	43	35	-	-	7·6	*	*	7
CROYDON	217	bc 3 o bc	bc c y ⊕	c 3 o bc c	58	43	40	-	-	7·9	*	*	6
GREENWICH (Royal Observatory)	149	bc ⊕ 3 o y	c ⊕ c y	c	60	43	36	-	-	6·1	44	69	6
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	6·7	*	*	*
WESTMINSTER (St. James' Park)	27	*	*	*	59	43	36	-		7·3	39	69	*
‡REGENTS PK. (Botanic Gardens)	168	*	*	*	58	44	41	-		6·9	59	85	*
CAMDEN SQUARE	110	bc	c	*	59	44	38	-	-	*	*	69	*
KENSINGTON	80	bz bc	bc	*	59	44	38	-	-	7·4	At 18h.	50	*
HAMPSTEAD OBSERVATORY	450	b	b	c	56	41	34	-	-	7·2	44	75	*

FOREIGN OBSERVATIONS.

18h. G.M.T. 2nd April — 7h. G.M.T. 3rd April

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	1025.9	NW	4	c	57	1025.8	WNW	3	c	45
BRUSSELS	1024.0	WNW	3	c	50	1022.0	W'S	4	c	45
BERLIN	1017.8	WNW	3	c	45	1013.2	SW	2	r.r.	39
ZÜRICH	1025.9	S	2	bc	48	1023.9	SSE	1	c	41
ROME	1018.1	WSW	3	c	57	1019.4	-	0	F	43

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

SOUTH KENSINGTON. Max.	Time.	Min.	Time.
0.6	20h 2nd	Nil	1-6h. 3rd

KEW OBSERVATORY. Max.	Time.	Min.	Time.
0.1	19h. 2nd	<0.1	0-4h. 3rd

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
61	43	-	-
57	41	-	1
48	37	0.4	3
54	36	0.3	-
68	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	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 and Rainfall are for the 24 hours ending 9h.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 4th April 1933.

No. 26,066

District	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 3rd April: Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)	OBSERVATIONS at 18h. G.M.T. 3rd April: Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)	PAST 24 HOURS. Weather. 7h.–13h. 3rd (37)	13h.–18h. 3rd (38)	18h. 3rd to 1h. 4th (39)	1h.–7h. 4th (40)
1	London (Kew)...	1023·9	-4	WSW	3	c	56	55	7	-	-	2	0	7·8	-	1023·2	+4	SW'W	4	bc	56	55	6	-	-	1	0	2-3	-	0	*	c	bcb3o y	3o y b	bccmo
	Croydon ...	1023·7	-6	W	4	bc	58	55	7	-	7	2	0	4·6	-	1022·6	-2	WSW	4	bc	56	65	7	-	-	1	0	2-3	-	0	*	c3bcy	bcy	b	bw, cmo
	S. Farnborough	1024·2	-6	W'N	4	bc	59	55	8	-	-	2	0	4·6	-	1023·8	+2	W	3	bc	53	65	8	-	-	1	0	2-3	-	0	*	cbcbcy	bcy	b bwx	bx, c
	Winchester ...	1025·0	-6	W	4	c	54	65	8	7	-	2	4·6	7·8	2500	1024·7	+6	W	4	bc	50	75	8	-	-	1	0	2-3	-	0	*	c	cbc	b	bbcc
	Boscombe Down	1024·9	-2	W'N	5	c	54	65	7	7	-	2	4·6	7·8	2500	1025·2	+6	W	4	bc	49	75	7	1	-	1	Tr.	2-3	2500	0	*	c	cbc	bc b	bcc
	Calshot, S'thmtn	1025·1	-8	W	4	c	57	55	8	1	4	6	1	7·8	4000	1024·5	-6	W	4	bc	55	65	8	-	-	2	0	2-3	-	0	1	cbcy	bcb	bbw	bw, cw
	Dungeness ...	*	*	SW	4	bc	*	*	7	5	8	*	2-3	4·6	1500	*	*	SW	4	bc	*	*	7	1	7	*	2-3	4-6	1500	*	3/4	bc	bc	*	bc
	Lympne ...	1023·2	-8	W'N	4	bc	59	55	8	-	-	2	0	2·3	-	1022·9	+4	W'N	2	bc	54	75	7	-	-	1	0	2-3	-	0	*	bc	bcc bcy	bwmo	bwx bcmo
2	Shoeburyness	1022·5	-6	W	4	bc	59	55	7	-	7	-	0	4·6	-	1021·7	+4	W'N	3	bc	58	85	6	-	-	1	0	2-3	-	0	*	cmbc	bcbmo	bmo	bwmo
	Felixstowe ...	1021·7	-6	W	4	bc	58	55	8	-	7	9	0	4·6	-	1021·3	+2	W	4	bc	59	55	8	-	4	1	0	2-3	-	0	2	cbcy	bcy	bcy	bcw
	Gorleston ...	1019·6	+6	W	5	bc	55	55	6	-	3	-	0	4·6	-	1019·5	0	W	5	bc	59	55	6	-	4	-	0	4-6	-	0	2	cbcqy	bcqy	bcqw	c bc
	Cranwell ...	1020·6	-2	W'N	5	3o	53	75	6	7	7	-	1	9+	4000	1021·0	+10	WNW	4	b	55	65	7	-	-	1	0	1	-	1	*	cc3o	c3ob		bbcmo
3	Birmingham ...	1022·5	0	W	3	c	56	55	8	-	-	2	0	7·8	-	1022·8	+4	W	3	b	54	55	8	-	-	1	0	1	-	1	*	bc	bcb	b	b bc
	Upper Heyford	1023·4	-6	WSW	3	c	57	55	8	1	-	2	Tr.	7·8	4000	1023·2	+2	WNW	3	bc	56	55	7	-	-	2	0	2-3	-	0	*	cy	bcby	by	bbccw
4	Ross-on-Wye ...	1023·5	0	NW'W	3	bc	58	55	8	4	-	2	Tr.	4·6	4000	1023·4	0	W	2	b	55	65	8	4	-	1	Tr.	1	4000	0	*	bccbcy	bcyb	b	bw c
5	Portland Bill...	1025·9	-4	W'N	4	bc	50	85	7	4	4	1	2·3	4·6	2500	1025·5	-6	WNW	4	bc	50	85	8	4	-	1	2·3	4·6	2500	0	3	cbc	bcbc	bcc	c
	Plymouth ...	1027·6	-2	WNW	4	c	52	75	8	7	-	4	4·6	7·8	4000	1027·0	0	NW	4	b	51	75	8	4	-	9	Tr.	Tr.	4000	0	2	cbc	bcb	bbc	bcc
	The Lizard ...	1029·1	0	W	3	c	51	65	8	4	-	-	9+	9+	4000	1028·5	-2	W	3	c	48	75	8	4	6	-	7·8	7·8	2500	0	2	c	c	c	c
	Scilly (St. Mary's)	1029·2	0	W'N	3	c	50	85	8	5	-	-	9	9	4000	1028·3	-4	SW	2	c	48	85	8	4	-	-	7·8	7·8	4000	0	2	c	c	c	c bcc
	Guernsey ...	1028·3	0	WNW	3	c	49	75	8	8	-	-	10	10	2500	1027·3	-4	W'N	3	bc	48	85	8	-	3	1	0	4-6	-	0	3	c	cbc	bbcc	c
6	Pembroke ...	1026·8	+2	WSW	3	c	49	85	7	5	2	-	7·8	9+	4000	1024·3	-10	WSW	3	b	48	75	7	5	-	-	1	1	4000	0	1	cqc	cbcb	bbc	bcc
7	Holyhead ...	1023·8	+6	SW'S	4	bc	53	75	8	5	-	1	2·3	2·3	2500	1023·3	-2	SW'S	3	bc	50	85	7	5	-	-	4·6	4·6	4000	0	1	cbcq	bcb	bcc	c
	Chester (Sealand)	1022·8	-2	WNW	4	bc	56	65	8	5	-	8	2·3	4·6	4000	1023·1	+4	WSW	3	c	54	65	8	5	-	-	7·8	7·8	4000	0	*	cbc	bcy	c	c
8	L'pool (Bidston)	1023·0	0	W'N	5	bc	50	75	8	5	-	-	4·6	4·6	4000	1022·5	-6	W'S	5	bc	51	75	8	7	-	-	4·6	4·6	4000	0	*	bc	bbq	bcbbc	bcc
9	Harrogate ...	1019·5	+6	SW'W	7	q	49	75	9	6	4	3	2·3	7·8	2500	1020·5	0	SW'W	6	q	48	85	8	6	4	1	2·3	4·6	4000	0	*	cbcq	bcq	bcb	bcb
10	Spurn Head ...	1017·8	0	WNW	7	c	51	75	6	5	2	-	4·6	7·8	2500	1018·6	-4	NW'W	5	c	52	75	6	5	3	9	2·3	7·8	1500	0	4	cq	cq	qcbc	bcqc
	Catterick ...	1018·3	+14	SW'W	6	bc	50	75	8	5	4	9	1	4·6	2500	1019·0	-4	SW'W	5	bc	49	85	8	9	4	-	4·6	4·6	1500	0	*	cbc	bc	bc	bc
	Tynemouth ...	1015·5	+12	W	6	bc	56	75	7	2	-	-	4·6	4·6	2500	1016·6	+6	W	5	c	52	85	7	6	-	-	7·8	7·8	1500	0	2	cbcq	bccq	cbccq	co
11	Inchkeith ...	1013·1	0	SW	6	c	51	85	8	5	-	-	9+	9+	1500	1014·8	+6	SW	5	c	49	85	8	5	7	-	7·8	9+	1500	0	3	cq	cq	cq	cidc
12	Leuchars ...	1011·5	+2	W	7	q	61	65	9	7	6	-	4·6	4·6	2500	1013·8	+14	W	5	c	57	65	8	8	6	-	7·8	7·8	2500	0	*	cbcqv	bcyvq	cqc	corrrn
	Renfrew (Abbotts'l)	1016·1	+8	WSW	6	ir.	51	85	7	5	-	-	9+	9+	800	1017·5	+12	WSW	5	c	50	95	7	5	-	-	10	10	800	1	*	cirq	cirq	cqrqc	c cro
	Eskdalemuir ...	1016·8	+16	WSW	6	ro.	48	95	5	6	-	-	10	10	450	1017·5	0	W	5	ro.	47	95	5	6	-	-	10	10	450	1	*	oro	oro	cdd	cdoc
13A	Tiree	1016·0	+16	WSW	5	id.	50	95	6	5	-	-	10	10	450	1017·7	+12	NW'W	2	dd	48	95	4	5	-	-	10	10	220	1	3	omddicDdm	cmjdcDdm	omDdrr	rrcdo
13B	Stornoway ...	1012·3	+16	W	3	c	47	85	8	8	6	-	7·8	10	1500	1015·1	+10	WNW	2	c	47	95	8	8	7	-	4·6	9+	1500	1	1	cido	c	c	cido
15	Dalwhinnie ...	1011·8	+16	SW	7	bc	53	85	8	4	-	-	4·6	4·6	800	1014·6	+14	SW	4	c	49	75	8	4	-	-	7·8	7·8	1500	0	*	bc	bc	bc	bc
	Aberdeen ...	1010·0	+18	E	1	c/pr	51	95	7	8	-	-	9	9	2500	1012·5	+10	WNW	4	c	51	65	8	8	3	-	7·8	7·8	2500	1	1	bccpr	cjp	bcb	bcc
	Wick	1008·2	+20	WNW	5	c	49	85	8	8	7	8	4·6	7·8	2500	1010·1	+14	WNW	7	c	46	85	8	8	7	8	4·6	7·8	2500	0	3	c	c	cbc	bcc
16	Lerwick ...	1000·4	+16	WNW	7	cjp	45	85	8	9	-	-	7·8	7·8	1500	1003·9	+18	WNW	7	c	44	75	8	5	2	-	4·6	9+	1500	1	*	bccprq	cpro	cpro	c
17	Blacksod Point	1022·6	+4	W	3	c	52	95	8	-	4	-	0	9	-	1022·6	0	WSW	3	c	50	95	8	5	-	-	9	9	450	0	3	c	c	c	c
18	Malin Head ...	1018·6	+8	W'S	6	c	49	95	7	6	2	-	9+	10	800	1019·5	+6	W	5	id.	48	95	7	8	2	-	9+	10	800	1	3	c	c	c	c
	Aldergrove ...	1021·1	+6	WSW	6	c	51	75	8	5	-	-	9+	9+	1500	1021·6	0	W	5	c	50	75	8	5	-	-	9+	9+	2500	1	*	c	c	c	c
	Donaghadee ...	1019·6	+4	W	5	q	54	75	8	5	3	-	4·6	4·6	4000	1021·6	+20	NW	3	bc	54	75	8	5	3	-	4·6	4·6	4000	0	2	cbcq	bc	bc	bcc
19	Birr Castle ...	1024·7	+6	WSW	4	c	52	75	8	5	-	-	10	10	2500	1024·5	-4	WSW	3	c	50	75	8	5	-	-	9+	9+	2500	0	*	c	c	c	c
20	Valentia Obsy.	1026·3	+2	SW	3	c	52	75	8	5	-	-	10	10	2500	1025·5	-6	SW'S	3	c	50	75	8	5	-	-	9+	9+	2500	1	2	c	c	c	cbc
	Roches Point...	1026·4	0	W	3	bc	52	75	9	3	-	-	4·6	4·6	2500	1025·6	-4	W	3	bc	52	75	8	5	-	-	2-3	2-3	2500	0	3	cbcr	bc	bcc	c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

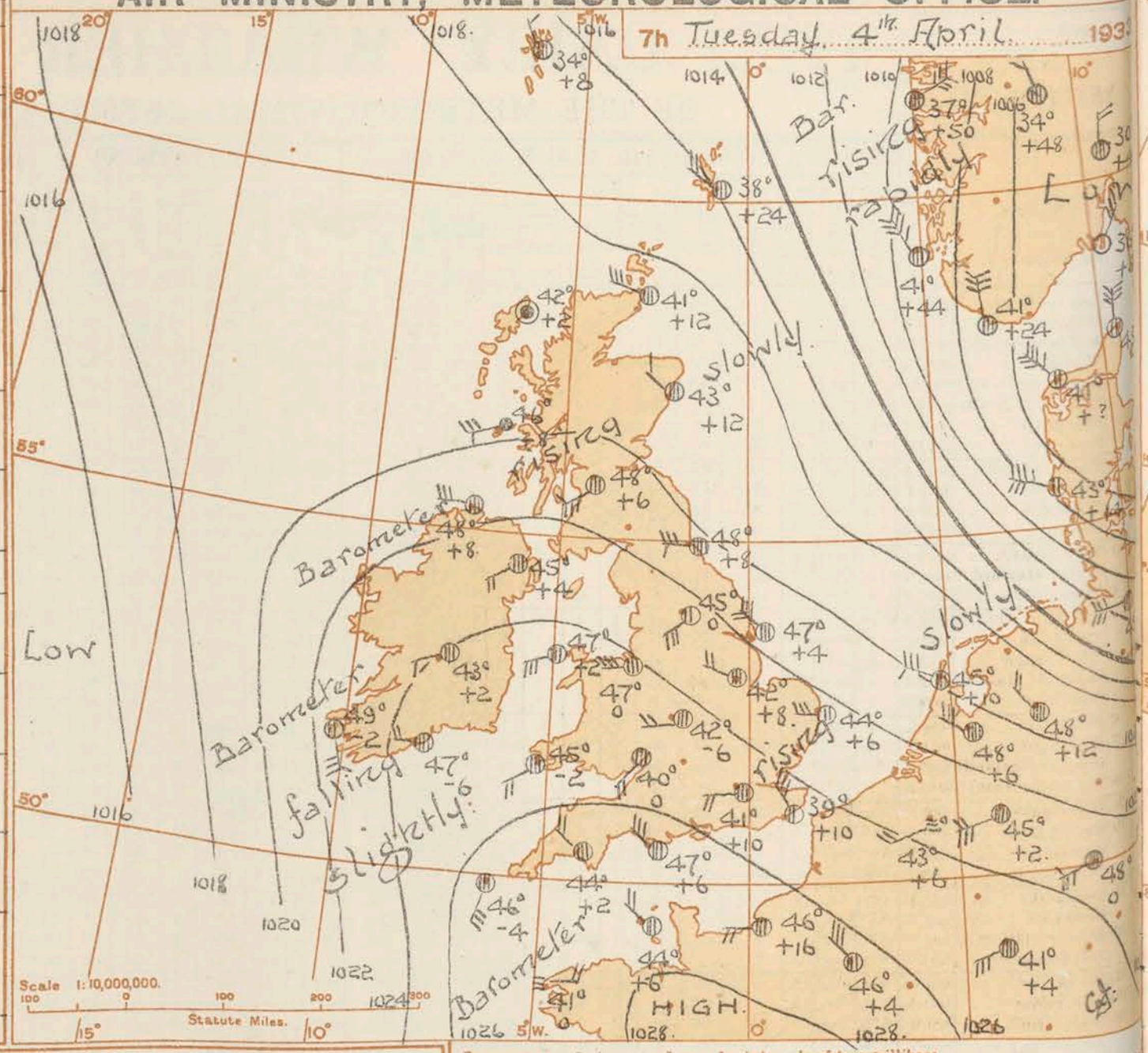
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6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

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

REPORTS from HEALTH RESORTS for 3rd April 1933.

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.	b	b	42	63	-	-	9·5	7·5
	Bournemouth	bc	bc	43	62	-	-	6·8	10·3
	Ventnor ...	oc	bz	44	54	-	-	7·2	9·3
	Southsea ...	b	bcb	44	59	-	-	7·2	8·1
	Bognor Regis	bcb	bbcb	43	59	-	-	8·5	7·4
	Littlehampton	bc	bc	42	61	-	-	8·9	8·3
	Worthing ...	b	b	42	61	-	-	10·1	8·0
	Brighton ...	bcb	b	43	55	-	-	10·4	8·1
	Eastbourne†	bcb	b	43	52	-	-	10·0	9·0
	Hastings† ...	bcb	bbcb	41	57	-	-	9·9	7·3
	Folkestone ...	bcb	b	44	58	-	-	9·2	5·4
	Dover... ...	ybcq	bbc	45	58	-	-	9·1	5·9
	Deal	bc	cb	46	64	-	-	8·1	6·1
	Ramsgate ...	bcb	bbc	45	62	0·3	-	7·9	6·4
	Margate ...	bc	bc	46	59	-	-	8·4	6·3
2	Southend ...	cbcm	bcbm	44	62	-	-	7·9	4·6
	Maldon ...	bcb	b	46	63	-	-	7·2	4·7
	Clacton-on-Sea	cbc	bc	42	62	-	-	8·6	5·3
	Dovercourt ...	bc	bcv	46	62	-	-	9·6	5·5
	Lowestoft ...	b	bc	45	62	-	-	8·4	3·9
	Skegness ...	obc	b	43	60	Trace	-	4·6	4·5
	Mablethorpe	oc	cbc	48	59	0·3	-	4·4	3·1
	Cleethorpes...	o	oc	48	58	-	-	3·0	2·8
3	Leamington S.	ocbc	bc	43	60	-	-	6·0	2·4
4	Cheltenham†	cbcbq	bq	40	61	-	-	6·2	5·8
5	Bath	cbc	bcb	47	55	-	-	6·3	10·1
	Weymouth ...	cb	b	44	57	-	-	8·1	10·3
	Jersey ...	c	c	46	50	-	-	0·3	7·7
	Torquay ...	bc	bcb	44	59	-	-	8·2	10·2
	Penzance ...	o	ocbc	46	53	-	-	1·9	9·3
	St. Ives ...	o	c	45	53	-	-	0·5	7·7
	Bude	c	c	47	50	-	-	0·0	7·9
	Ilfracombe ..	oc	co	47	51	-	-	0·0	8·3
6	Aberystwyth	c	c	46	49	-	-	0·5	6·4
7	Llandudno ...	bc	bcb	46	53	0·4	-	9·1	5·9
	Colwyn Bay...	bcb	bcbbc	46	57	0·6	-	9·7	6·1
	Rhyl	cbcb	bbc	47	54	Trace	-	9·5	6·5
8	Wallasey ...	cbc	bcb	46	54	1	-	6·7	5·5
	Southport‖ ...	ocbcb	bbcc	46	54	2	-	2·4	4·7
	Blackpool ...	c	c	46	53	2	-	0·5	3·8
	Morecambe ...	c	c	45	48	5	-	0·0	1·1
9	Ilkley... ...	c	c	44	51	1	-	0·0	0·0
10	Berwick-on-T.	oc	oc	45	56	-	-	2·2	0·2
11	Dunbar ...	rc	bc	45	57	Trace	-	3·2	0·2
12	Troon... ...	rpc	crc	44	52	6	Trace	4·7	0·0
	Douglas ...	cbq	cbq	44	56	2	-	3·1	1·4

† Max. Temp. for period 21h. yesterday to 17h. to-day; Min. Temp. 21h.-9h. ‖ Min. Temp. 17h.-8h.



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 ≡ᵛMist. TThunder. KThunderstorm.
SEA DISTURBANCE. ~~Rough. ≈≈High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 4th April, 1933.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Wind westerly or variable, light; fair or fine; rather warm by day; perhaps ground frost and mist locally in early morning.
5. S.W. England 6. South Wales 7. North Wales	Wind southwest or south, light or moderate; fair; mild.
8. N.W. England 9. N Midlands 10. N.E. England	Wind west or southwest, moderate or light; cloudy; bright periods; mild.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind westerly, light, backing; cloudy; perhaps occasional drizzle locally; mild.
13. A. W Scotld. B. N.W. Scotland.	Wind variable, light; cloudy; intermittent rain or drizzle; moderate temperature.
14 Mid-Scotland	
15. N.E. Scotland 16. Orkneys and Shetlands.	Wind westerly or variable, light; cloudy; perhaps local rain; rather cool.
17. N.W. Ireland 18. N.E. Ireland	Wind southerly, moderate to fresh or strong; cloudy, perhaps rain tomorrow; rather mild.
19. S.E. Ireland	As 5 - 7.
20. S.W. Ireland	As 17.

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

GENERAL INFERENCE.

An anticyclone covers France and Spain, and a wedge of high pressure extending towards Iceland is moving east. A depression on the Atlantic is moving rather slowly northeast. Except for drizzle or rain in parts of Scotland weather will be fair, generally at first, but may be less settled in West Ireland later.

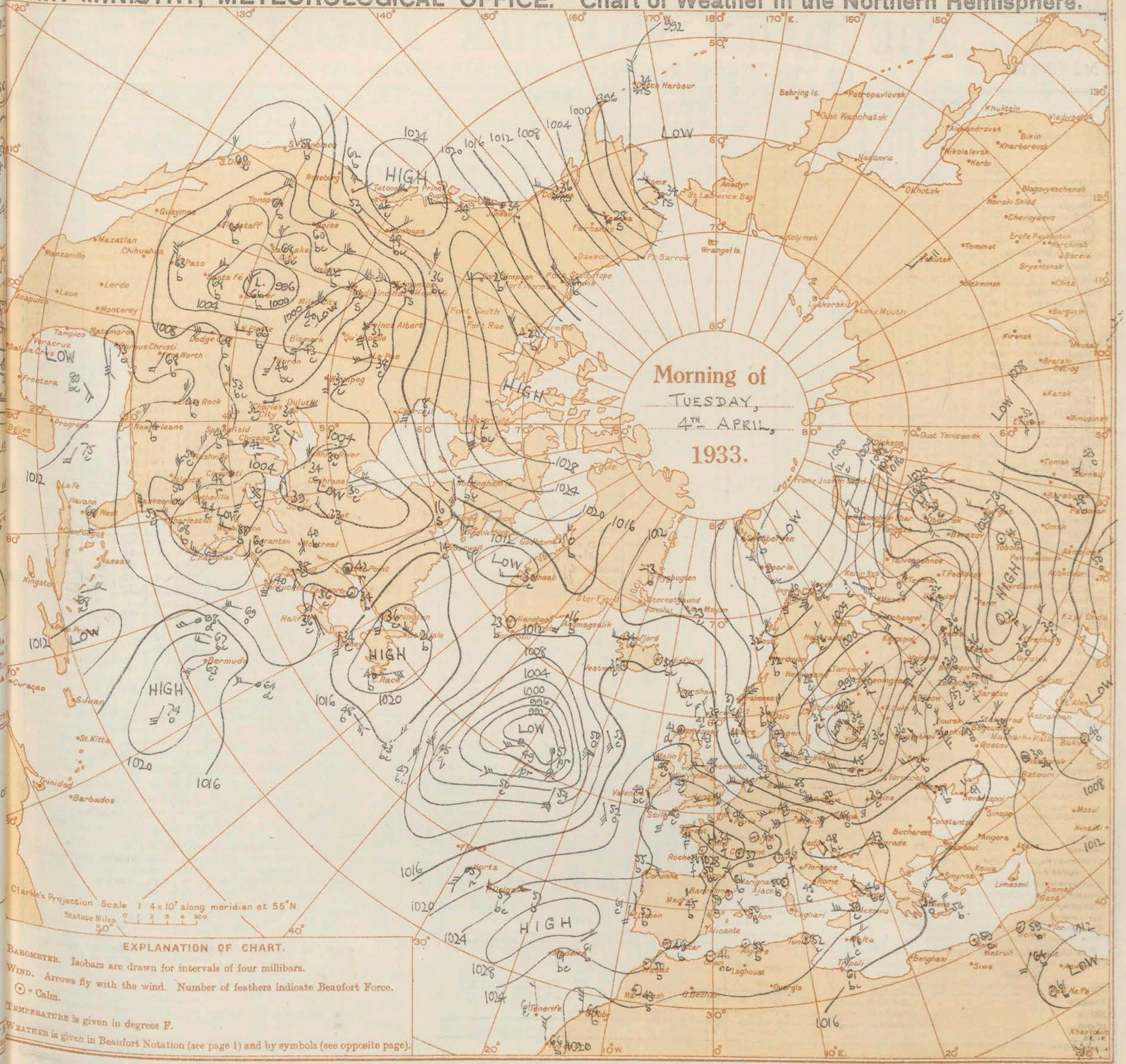
FURTHER OUTLOOK.

Fair except in the West and North.

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.



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).

Pc 754/2587 M147 3,900 6/33

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 4th April 1933.

No. 26,066.

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

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)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0-10 (12)	Cloud. Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1024.5	+2	WSW	2	b	41	95	7	–	–	–	0	0	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	1025.9	+2	W	2	b	39	85	8	–	–	1	0	1	–
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1024.6	+6	W	1	b	40	95	6	–	–	–	0	0	–
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	14	1021.3	+2	WN	3	c	48	95	7	–	3	–	0	7-8	–
	Cranwell	240														
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	228	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1026.3	+4	NW	4	c	46	75	8	4	–	–	9	9	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	222	1028.5	0	W	3	c	46	85	8	4	–	–	9+	9+	2500
	Scilly (St. Mary's)	163	1028.2	-2	WSW	2	c	46	95	8	5	–	–	9	9	4000
	Guernsey	175	1027.7	0	NW	2	c	45	85	8	8	–	–	7-8	7-8	2500
6	Pembroke	142	1026.4	0	WSW	3	bc	46	86	8	7	7	–	2-3	4-6	4000
7	Holyhead	26	1024.2	0	W	5	c	48	75	8	5	–	–	9+	9+	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1019.8	0	NNW	6	4	48	85	6	5	1	–	2-3	4-6	2500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	67	1020.0	+8	W	3	c	50	95	8	6	–	–	7-8	7-8	1500
11	Inchkeith	190	1018.6	+10	SW	3	c	47	95	8	5	–	–	10	10	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts'l)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1018.3	+6	–	0	c	43	95	7	8	7	–	4-6	9+	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1015.9	+12	WNW	3	bc	41	95	8	8	7	–	2-3	4-6	2500
16	Lerwick	54	1011.4	+36	NW	5	c	41	75	8	8	2	–	8	9	1500
17	Blacksod Point	18	1023.0	0	WSW	3	c	49	95	8	5	–	–	9	9	450
18	Malin Head	52	1020.8	0	W	3	c	48	95	7	5	2	–	9	9+	1500
	Aldergrove	258	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1025.2	-10	SSW	4	c	47	75	8	5	–	–	9+	9+	4000
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	Cloud. Form. Med. (24)	Cloud. Form. High (25)	Cloud. Amount. Low 0-10 (26)	Cloud. Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-8 (29)	Sea. 0-9 (30)
1026.1	+8	SW	2	c	42	95	6	-	7	1	0	9+	-	0	*
1025.5	+10	WSW	2	c	41	95	6	-	4	4	0	9+	-	1	*
1026.0	+8	WSW	1	c	42	95	6	5	7	8	4-6	9+	4000	0	*
1026.3	+8	-	0	c	40	95	7	5	1	-	9	9+	4000	0	*
1026.0	+6	WNW	2	c	43	95	6	5	1	-	9	9+	1500	0	*
1026.4	+6	-	0	c	41	95	7	5	-	6	2-3	9	4000	0	0
*	*	WNW	2	bc	*	*	7	5	7	*	2-3	4-6	1500	*	2
1025.5	+10	NW	3	3c	39	95	5	7	-	1	2-3	4-6	5700	0	*
1024.2	+8	W'N	2	c	45	85	5	-	9	7	0	9	-	0	*
1023.9	+8	W	3	c	44	85	7	-	3	8	0	7-8	-	0	1
1022.3	+6	W	3	bc	44	85	6	-	3	-	0	4-6	-	0	2
1023.0	+8	W'N	2	c	42	95	6	-	-	6	0	7-8	-	1	*
1024.7	+6	W	2	c	42	85	6	5	-	-	7-8	7-8	5700	1	*
1025.4	+8	SW	2	c	40	95	7	5	7	8	1	9+	4000	0	*
1025.3	0	SW	2	c	40	95	7	4	-	7	1	9+	4000	1	*
1026.9	+6	NW	3	c	47	85	7	4	-	-	9	9	2500	0	3
1027.2	-2	NW	2	c	44	85	9	5	1	-	9+	9+	2500	0	1
1027.6	0	S'E	1	c	43	85	8	4	7	-	4-6	7-8	4000	0	2
1026.4	-4	S'W	3	c	46	95	8	5	-	-	9	9	4000	0	2
1027.6	+6	NW	2	c	44	85	9	8	-	-	7-8	7-8	1500	0	2
1025.4	-2	SW	2	c	45	85	8	5	-	-	10	10	2500	0	1
1024.5	+2	W'S	3	c	47	75	8	5	-	-	9+	9+	4000	0	1
1024.7	0	W	3	c	47	75	8	5	-	-	9	9	4000	0	*
1024.4	0	W	4	c	46	75	8	5	-	-	7-8	7-8	4000	0	*
1022.0	0	WSW	3	bc	45	85	9	2	4	2	Tr.	2-3	2500	0	*
1020.7	+4	NW	5	c	47	85	7	4	3	-	4-6	7-8	4000	0	3
1021.2	+8	WNW	2	bc	48	85	8	4	-	9	1	2-3	4000	0	*
1020.0	+8	W	4	0	48	95	6	6	-	-	10	10	1500	0	2
1019.0	+4	SW	3	ido	46	95	7	5	2	-	7-8	10	2500	0	2
1019.8	+14	ESE	2	rr.	44	85	6	6	-	-	10	10	1500	1	*
1020.4	+6	SW	4	c/x	48	85	7	5	-	-	10	10	800	1	*
1021.5	+6	W	3	c	45	85	8	5	-	-	9+	9+	800	1	*
1019.9	+8	WSW	4	dd	46	95	6	5	-	-	10	10	800	1	3
1018.9	+2	-	0	ido	42	95	7	5	-	-	10	10	1500	1	0
1019.9	+12	-	0	dr	40	95	6	4	2	-	7-8	10	450	1	*
1019.7	+12	NW	1	c	43	75	8	5	7	-	4-6	9+	4000	1	1
1018.6	+12	WNW	3	c	41	95	8	5	1	-	7-8	10	2500	0	2
1016.2	+24	NW	2	c	38	95	8	5	1	-	4-6	9	1500	0	*
1022.3	0	SW	3	c	48	95	9	-	5	-	0	9	-	0	3
1021.2	+8	W	3	c	48	95	7	5	2	-	9+	10	1500	0	1
1023.2	+4	SW'W	2	c	45	85	8	5	-	-	10	10	2500	1	*
1023.2	+6	SW	1	c	45	85	8	5	-	-	7-8	7-8	2500	0	0
1024.9	+2	WSW	1	c	43	85	8	5	-	-	10	10	2500	0	*
1023.1	-2	SSE	4	bc	49	85	8	7	-	1	4-6	4-6	1500	0	3
1024.7	-6	W	2	c	47	85	8	5	-	-	7-8	7-8	2500	0	2

PAST 24 HOURS.

Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 24 hrs. Hrs. (36)
60	39	31	-	-	9.3
62	39	32	-	-	10.0
61	35	23	-	-	8.9
56	36	28	-	-	8.0
55	37	34	-	-	7.2
59	37	30	-	-	8.0
54	43	*	-	-	*
63	37	31	-	-	11.1
63	39	36	-	-	8.7
60	44	37	-	-	9.6
60	43	42	-	-	6.6
60	40	36	-	-	4.1
59	41	37	-	-	7.8
61	35	28	-	-	*
61	38	29	-	-	9.7
51	45	*	-	-	*
53	44	41	-	-	6.7
53	43	*	-	-	*
51	42	*	-	-	1.4
51	44	39	-	-	2.2
49	44	*	-	-	1.4
55	47	44	-	-	7.5
59	45	39	-	-	8.4
54	45	44	-	-	7.6
52	45	41	-	-	3.4
54	45	*	-	-	2.4
53	46	42	-	-	3.1
57	48	46	-	-	*
50	45	45	3	4	0.0
51	42	*	Tr.	0.1	0.8
54	39	33	Tr.	0.6	4.6
58	40	35	Tr.	-	1.6
50	39	*	-	-	*
47	38	*	2	Tr.	2.8
52	47	*	-	-	*
50	46	*	Tr.	Tr.	0.0
53	40	33	-	-	0.0
57	42	*	-	-	*
52	43	34	-	-	0.0
52	47	44	-	-	0.0
55	41	*	-	-	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations, except Greenwich & Hampstead rainfall, 9h-18h.

	Height above M.S.L. in feet.	Weather Morning.	Weather Afternoon.	Weather Night.	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. %	Humidity 9h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.			To-day.
Kew	18	c	bcb3.4y	3.4ybbc	60	39	31	-	-	9.8	*	*	6
Croydon	217	c3.4bcy	bcy	bw,cm	62	39	32	-	-	10.0	*	*	6
Greenwich (Royal Observatory)	149	cy	bcy	bwcm	62	38	29	-	Tr.	8.2	47	73	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	8.4	*	*	*
Westminster (St. James' Park)	27	*	*	*	62	40	31	-		8.6	47	73	*
†Regents Pk. (Botanic Gardens)	168	*	*	*	61	40	35	-		8.8	73	78	*
Camden Square	110	c	cb	*	63	40	34	-	-	*	*	73	*
Kensington	80	cbcb	b3.	*	62	40	32	-	-	8.9	At 18h.	73	*
Hampstead Observatory	450	bc	b	b	60	38	29	-	-	8.8	59	79	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.6	20-22h 3rd	Nil	1-5h 4th

Kew Observatory. Max.	Time.	Min.	Time.
0.2	19h. 3rd	0.1	17h. 3rd

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 3rd April: Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Th. G.M.T. 4th April: Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1024.7	NW	4	bc	55	1026.2	NW	3	c	46	61	43	-	-
Brussels	1022.2	WSW	3	c	52	1023.9	WSW	2	cf-	43	55	41	0.1	-
Berlin	1009.9	WSW	4	Dr	48	1010.1	WNW	5	q	45	48	45	3	1
Zürich	1024.6	WNW	2	c	48	1026.1	SSE	1	bc	45	52	41	-	-
Rome	1017.8	WSW	2	bc	54	1022.1	ENE	1	c	45	64	37	-	-

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 ,,	12¼ ,,
8 Very good ,,	31 ,,
9 Excellent ,,	beyond 31m.

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

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 and Rainfall are for the 24 hours ending 9h.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 5th April 1933.

No. 26,067.

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

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)	1025·6	-2	SW	2	bc	55	88	8	7	-	1	2·3	4·6	4000
	Croydon	1025·6	+2	WSW	3	bc	56	88	7	1	-	1	2·3	2·3	4000
	S. Farnborough	1025·6	-6	W'N	3	b	59	88	7	1	-	1	Tr.	Tr.	4000
	Winchester	1026·5	-2	W	3	bc	55	68	7	1	-	1	2·3	4·6	2500
	Boscombe Down	1026·2	-6	W'N	3	bc	55	68	7	1	-	1	4·6	4·6	2500
	Calshot, S'thmtn	1026·8	+2	S'W	3	bc	56	68	8	8	-	6	2·3	4·6	4000
	Dungeness	*	*	W'S	2	c	*	*	7	5	-	*	9	9	1500
	Lympne	1025·8	+2	W	2	c	56	88	6	7	-	-	7·8	7·8	4000
2	Shoeburyness	1025·0	+2	NW'N	2	c	57	88	8	7	3	-	7·8	7·8	4000
	Felixstowe	1024·7	+2	W'N	2	c	55	68	7	5	-	-	9+	9+	4000
	Gorleston	1023·1	+4	W'N	3	c	55	85	6	4	-	-	10	10	4000
	Cranwell	1023·8	+4	W'N	4	bc	56	68	6	1	-	-	4·6	4·6	4000
3	Birmingham	1024·8	0	WNW	3	bc	55	88	8	1	-	-	2·3	2·3	4000
	Upper Heyford	1025·6	-2	WNW	3	bc	56	88	8	1	-	1	2·3	2·3	2500
4	Ross-on-Wye	1024·8	-4	W	2	bc	57	88	8	1	-	1	Tr.	2·3	4000
5	Portland Bill	1027·6	0	NW	3	bc	47	78	8	2	-	-	4·6	4·6	2500
	Plymouth	1027·7	+2	SSW	3	bc	51	85	7	7	-	9	2·3	2·3	2500
	The Lizard	1027·8	+4	SSE	2	c	50	85	8	4	-	-	9+	9+	4000
	Scilly (St. Mary's)	1027·4	+6	SSW	3	c	51	95	7	5	-	-	9	9	4000
	Guernsey	1027·9	+2	-	0	bc	51	78	7	7	-	-	4·6	4·6	2500
6	Pembroke	1028·3	+4	SW	1	c	48	85	8	5	-	-	9+	9+	2500
7	Holyhead	1025·5	0	W'S	3	c	50	78	8	8	-	-	9+	9+	4000
	Chester (Sealand)	1025·7	0	NW'W	4	bc	52	68	8	5	-	-	4·6	4·6	4000
8	L'pool (Bidston)	1025·0	+2	W'N	4	b	50	88	9	1	4	-	Tr.	Tr.	2500
9	Harrogate	1023·0	0	WSW	4	bc	54	88	8	-	8	-	0	2·3	-
10	Spurn Head	1022·5	+2	NW'N	3	c	52	85	6	5	7	-	4·6	9	2500
	Catterick	1022·5	+4	WSW	3	c	55	68	8	7	-	-	9	9	2500
	Tynemouth	1021·4	+4	W	3	c	53	78	7	9	-	-	7·8	7·8	2500
11	Inchkeith	1020·3	+2	W	3	c	49	78	7	5	7	-	4·6	9	1500
	Leuchars	1021·0	+2	E	3	c/d	44	95	8	5	7	-	9+	10	450
12	Renfrew (Abbotts I.)	1021·7	0	WSW	4	c	51	78	7	8	-	-	9+	9+	2500
	Eskdalemuir	1022·0	+2	WSW	4	c	50	68	8	5	-	-	9+	9+	1500
13A	Tiree	1021·5	+6	SW'W	4	c	50	85	8	5	7	-	4·6	9+	1500
13B	Stornoway	1018·8	-8	S	1	c	46	85	7	8	2	-	7·8	10	1500
15	Dalwhinnie	1020·7	0	SW	5	bc	50	85	7	3	4	-	4·6	4·6	800
	Aberdeen	1021·3	+8	SE	2	ir$_o$	45	85	6	6	-	-	10	10	2500
	Wick	1020·4	+6	S	2	c	46	95	8	8	7	8	4·6	9+	2500
16	Lerwick	1019·9	+14	NNW	2	c	45	88	9	8	-	-	7·8	7·8	1500
17	Blacksod Point	1022·6	0	E	3	c	50	95	8	-	4	-	0	9+	-
18	Malin Head	1022·1	+2	WSW	2	c	50	95	7	5	2	-	9+	10	1500
	Aldergrove	1024·3	+2	SW'S	3	c	49	68	8	5	-	-	10	10	4000
	Donaghadee	1024·2	+4	SW	1	c	51	68	8	5	-	-	7·8	7·8	1500
19	Birr Castle	1025·0	+2	S	2	c	51	68	8	5	-	-	10	10	2500
20	Valentia Obsy.	1023·7	0	S'E	4	c	54	78	8	5	-	-	10	10	1500
	Roches Point	1025·4	+6	SW	3	c	50	95	7	5	-	-	9	9	1500

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

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)
1024·4	-4	W	2	bc	57	88	7	-	-	4	0	4·6	-	0	*
1024·4	+2	WNW	2	bc	56	88	6	-	-	9	0	4·6	-	0	*
1024·7	+2	WSW	2	c	56	88	7	-	5	2	0	7·8	-	0	*
1025·2	+2	W	3	bc	54	68	8	-	-	2	0	4·6	-	0	*
1025·6	+2	W	4	bc	53	78	8	-	-	1	0	2·3	-	0	*
1025·7	+2	SW'S	4	bc	47	88	7	-	-	6	0	4·6	-	0	1
*	*	WSW	3	c	*	*	7	5	-	*	9	9	1500	*	3
1025·0	+2	SSW	2	c	50	85	6	-	-	2	0	7·8	-	0	*
1023·8	0	WNW	2	bc	56	88	7	-	2	8	0	4·6	-	0	*
1023·6	-2	WNW	2	c	56	88	7	-	3	7	0	9	-	0	1
1023·1	-2	S'E	2	c	48	85	6	4	-	-	7·8	7·8	4000	0	2
1023·6	+6	NW'N	2	3o	52	68	6	1	3	1	Tr.	1	4000	0	*
1024·5	+2	NW	4	b	53	68	8	5	-	-	Tr.	Tr.	4000	0	*
1024·3	0	WSW	2	b	56	88	8	-	-	1	0	1	-	0	*
1025·0	+6	NW'W	3	b	50	68	8	5	-	-	1	1	4000	0	*
1026·7	-10	WSW	3	c	47	95	8	4	-	2	4·6	7·8	2500	0	2
1026·7	0	SW	3	c	49	95	7	1	-	6	2·3	7·8	4000	0	2
1026·9	-4	S	3	c	49	88	8	4	4	-	7·8	7·8	2500	0	2
1026·3	-2	SSW	3	c	50	95	7	5	-	-	9	9	4000	0	1
1026·9	-6	-	0	bc	47	88	7	-	3	-	0	4·6	-	0	1
1025·2	-8	SSW	2	c	47	88	7	5	-	-	10	10	2500	0	1
1024·8	-2	SW'S	3	c	47	88	8	5	-	-	9+	9+	4000	0	1
1025·4	+2	NW	3	c	47	78	7	5	-	-	9+	9+	4000	0	*
1024·8	0	WNW	3	c	46	78	8	5	-	-	10	10	2500	0	*
1023·7	+6	WSW	2	bc	47	68	8	-	3	-	0	4·6	-	0	*
1022·7	+2	ESE	1	bc	47	95	6	5	7	-	2·3	4·6	1500	0	2
1023·2	+12	WNW	3	c	51	88	8	5	-	-	9	9	2500	0	*
1022·1	+6	W	3	c	52	78	6	2	-	-	7·8	7·8	2500	0	2
1020·2	0	WSW	3	c	47	95	7	5	-	-	10	10	1500	0	2
1021·3	+4	NE	2	c	44	95	7	5	3	2	9+	9+	450	1	*
1022·3	+4	W	3	c	49	85	8	8	-	-	9+	9+	2500	1	*
1022·7	+8	W	2	c	47	78	9	5	-	-	9+	9+	1500	1	*
1021·8	+2	SW'W	4	id$_o$	48	95	7	5	2	-	9	9+	450	1	3
1017·7	0	W	2	c	49	85	8	8	7	-	7·8	9+	1500	1	*
1020·5	0	SW	4	c	47	78	8	4	4	1	4·6	7·8	2500	0	*
1021·4	+4	S'E	2	d$_o$d$_o$	43	85	6	9	7	-	7·8	9+	2500	1	1
1020·3	0	S	2	c	44	95	8	8	1	-	7·8	9+	1500	0	2
1020·0	+4	NNW	1	c	42	95	9	5	1	-	7·8	9	1500	0	*
1021·7	-4	SE	2	cjp	50	95	7	5	-	-	10	10	<150	0	3
1021·8	-2	W	1	c	48	95	7	5	2	-	9+	10	2500	0	0
1023·6	-2	SSW	2	c	48	78	8	5	-	-	10	10	4000	1	*
1023·3	-2	SSW	2	c	50	68	8	5	-	-	7·8	7·8	1500	0	0
1023·0	-8	S	1	c	52	78	8	5	-	-	10	10	2500	0	*
1023·2	-2	S	4	c	52	85	8	5	2	-	7·8	7·8	800	0	2
1024·1	-6	SW	2	c	50	95	7	5	-	-	9	9	1500	0	3

PAST 24 HOURS.

Weather. 7h.–13h. 4th (37)	13h.–18h. 4th (38)	18h. 4th to 1h. 5th (39)	1h.–7h. 5th (40)
cbc	bbc	bm$_o$	xbcmw
cm$_o$bc3$_o$y	bycybc3$_o$	bc3$_o$bw	bwxm$_o$
cb	bybcy	bcb	bxm
cbc	bcby	b	bmfffm
cm$_o$cbc	bcbbc	bcb	bbccm$_o$
cbc	bcb	bw	bwm
c	bc	*	f-3
bcy	bcyc3$_o$	bm$_o$	bwm$_o$
cm$_o$c	bbcy	bcyb	bwm$_o$
bcc	cbcycy	cycbcb	b b3$_o$w
bcc	c	cbc	bcm3$_o$
bcm$_o$3$_o$	b3$_o$y	bc	bc
bcb	b	bbcc	c
cbcb	bbcby	by	b, cm$_o$
cbccby	by	bcc	c
cbc	bcc	b	bbcc3$_o$
cv	bcc	bc	bccw
c	c	c	c
cbcc	c	c	c
cbc	bc	bcbw	bwco
c	c	c	c
c	c	cm$_o$	cm$_o$o
cbc	bcc	c	cm$_o$
bcbvy	bv-c	o	bbcm$_o$
bbc	bbc	b bc	bcc
bc	bc	cbcc	bc
c	cybcy	cyc	c
air$_o$c	c	cbcc	c
c	c	c	c
id$_o$c	cid$_o$	cid	cid$_o$
cid$_o$pr$_o$	cid$_o$	c	cpr
ir	bc	*	c
cor$_o$	cr$_o$d$_o$d$_o$	cd$_o$	bcc
c	cpr$_o$c	d$_o$dm$_o$	c
cy	cy	cbcc	coid$_o$m$_o$
c	c	c	p$_o$c
cpr$_o$	c	cpr$_o$	c
c	c	c	c
c	c	c	c
c	c	c	c
bcc	c	c cw	cw
c	c	cw	cw

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.*

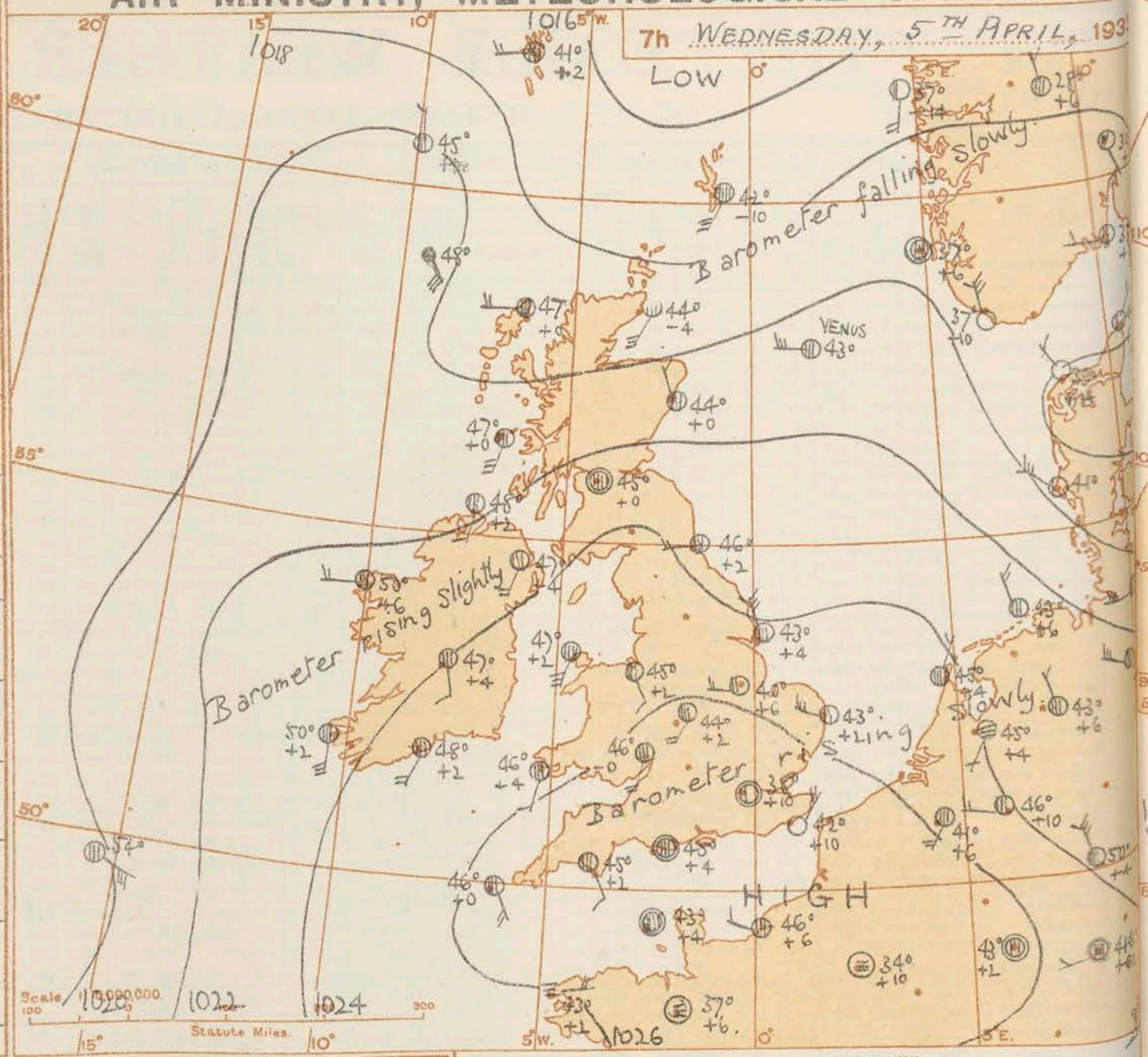
REPORTS from HEALTH RESORTS for 4th APRIL 1933.

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.	cbcb	b	32	60	-	-	8·1	10·4
	Bournemouth	cb	b	42	57	-	-	7·5	7·5
	Ventnor ...	cbco	b	42	53	-	-	7·7	8·1
	Southsea ...	bbcb	b	40	58	-	-	7·8	8·2
	Bognor Regis	bcb	b	38	54	-	-	8·8	8·8
	Littlehampton	bc	bbc	38	58	-	-	9·3	10·4
	Worthing ...	bcb	b	38	55	-	-	8·8	10·9
	Brighton ...	bcb	b	39	54	-	-	8·2	10·9
	Eastbourne†	cbcb	bbc	41	53	-	-	8·9	10·6
	Hastings† ...	bcb	bbc	38	55	-	-	8·6	10·4
	Folkestone ...	bc	bc	40	57	-	-	7·2	9·7
	Dover... ...	ybcco	ocbc	42	58	-	-	6·6	9·8
	Deal	bcc	cbc	41	58	-	-	5·6	8·6
	Ramsgate ...	bc	bbc	41	60	-	-	6·7	8·1
	Margate ...	cbc	bc	42	57	-	-	7·5	8·9
2	Southend ...	cbcm	bcbj	49	61	-	-	5·2	8·1
	Maldon ...	cbc	bcb	40	60	-	-	4·7	7·7
	Clacton-on-Sea	bccbc	bc	40	60	-	-	4·7	9·3
	Dovercourt ...	oc	bc	40	61	-	-	3·9	10·1
	Lowestoft ...	c	cbc	42	57	-	-	1·0	8·8
	Skegness ...	bcc	com	41	58	-	-	0·4	4·6
	Mablethorpe	obcc	cbcc	44	57	-	-	1·4	4·4
	Cleethorpes...	bcco	oc	46	58	-	-	2·6	3·8
3	Leamington S.	cbcb	b	40	60	-	-	6·5	6·9
4	Cheltenham†	cwbcb	bqbz	38	58	-	-	8·1	7·6
5	Bath	cbc	b	42	57	-	-	6·5	7·5
	Weymouth ...	cb	b	41	53	-	-	6·9	9·1
	Jersey ...	cbc	bcb	44	52	-	-	8·3	0·3
	Torquay ...	bcw	bcb	39	57	-	-	8·3	9·3
	Penzance ...	ocbc	cbc	40	52	-	-	1·2	1·9
	St. Ives ...	b	b	40	54	-	-	7·5	0·5
	Bude	cbcc	bcc	45	52	-	-	3·7	0·0
	Ilfracombe ...	oc	cbc	45	51	-	-	1·9	0·0
6	Aberystwyth	c	c	46	49	-	-	0·6	0·5
7	Llandudno ...	cbc	bcc	46	51	-	-	2·6	9·6
	Colwyn Bay...	cbcb	bcc	46	53	-	-	3·7	10·7
	Rhyl	cbc	bcc	46	52	-	-	3·8	9·5
8	Wallasey ...	cbc	bbcc	46	53	-	-	2·5	7·7
	Southport‖ ...	oc	cbcco	46	52	-	-	1·1	3·2
	Blackpool ...	c	c	46	52	-	-	1·7	0·5
	Morecambe ...	cobcc	obbcc	45	50	-	-	0·6	0·0
9	Ilkley... ...	bc	bc	43	55	-	-	8·2	0·0
10	Berwick-on-T.	od.	do	41	47	2	2	0·0	2·2
11	Dumbar ...	orr	bc	41	53	4	2	0·1	3·6
12	Troon... ...	roc	co	45	49	0·5	-	0·0	4·7
	Douglas ...	c	cbc	45	56	-	-	0·4	3·1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h WEDNESDAY, 5TH APRIL, 193



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 5th April, 1933
1. S.E. England 2. E. England .. 3. E. Midlands	Light westerly or variable wind; fine; local early morning mist; rather warm during day; perhaps local ground frost in early morning.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Light southerly wind; fair; mild.
9. N Midlands 10. N.E. England	Light westerly or variable wind; fair; rather warm during day; perhaps early morning mist.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light southerly wind; mainly cloudy; perhaps occasional drizzle locally; mild.
13. A. W Scotld. / B. N.W. Scotland. 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Light southwesterly or variable wind; cloudy; occasional drizzle; moderate temperature or rather mild.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light or moderate southerly wind; cloudy; mild.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees
WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 6/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet
Fog Mist. T Thunder. K Thunderstorm.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temper

GENERAL INFERENCE.

An anticyclone covers France and the greater part of the British Isles. Except for occasional drizzle in Scotland, mainly in western and northern districts, weather will be fair.

FURTHER OUTLOOK.

Rather unsettled in the extreme North, continuing fair elsewhere.

Forecasts issued at 1015 G.M.T.

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

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

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

Morning of
WEDNESDAY,
5TH. APRIL,
1933.

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, 5th April 1933.

No. 26067

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

District.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direct. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croyden ...	217	1025·6	+2	S	1	b	43	85	6	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	1026·4	+2	S'E	2	b	40	85	7	-	-	-	0	0	-
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1025·7	0	NW	3	b	43	85	6	-	-	-	0	0	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	1024·0	+6	W'N	3	bc	45	95	6	7	-	-	4·6	4·6	2500
	Cranwell ...	240														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1026·8	0	NW	1	b	42	95	7	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	1026·7	-2	S'E	2	c	47	85	8	2	6	-	4·6	7·8	4000
	Scilly (St. Mary's)	163	1026·3	0	SSW	2	c	48	95	8	5	-	-	7·8	7·8	4000
	Guernsey ...	175	1027·0	-2	-	0	b	40	95	7	-	-	-	0	0	-
6	Pembroke ...	142	1026·6	0	SSW	1	c	47	95	7	5	-	-	10	10	2500
7	Holyhead ...	26	1024·8	-6	SW'S	3	c	47	95	6	5	-	-	10	10	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1023·5	0	NW'W	S	c	42	85	6	5	7	-	4·6	7·8	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	1022·9	+2	W	2	c	46	95	7	6	-	-	7·8	7·8	1500
11	Inchkeith ...	190	1022·5	+4	SW	3	c	45	95	6	5	-	-	10	10	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1018·4	+2	W	1	c	45	95	7	8	7	-	4·6	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1020·2	-4	S	2	c	43	95	7	8	1	-	7·8	10	1500
16	Lerwick ...	54	1019·3	-4	WSW	3	c	41	85	7	5	2	-	4·6	10	1500
17	Blacksod Point	18	1021·5	0	E	2	c	49	95	7	5	-	-	10	10	-
18	Malin Head ...	52	1021·9	0	SW	1	c	47	95	7	8	7	-	9+	10	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1022·9	0	SW'S	S	c	50	95	8	5	-	-	9+	9+	5700
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direct. (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)
1026·9	+6	SW	1	bc	41	95	5	-	-	6	0	2·3	-	0	*
1026·7	+10	-	0	b	38	95	5	-	-	1	0	1	-	0	*
1027·2	+6	-	0	fg	36	95	b	-	-	9	0	2·3	-	0	*
1027·4	+6	-	0	fg	35	95	5	-	-	5	0	1	-	0	*
1026·9	+6	-	0	fg	43	85	6	5	-	-	9+	9+	1500	0	*
1026·7	+4	NW'N	2	b	40	95	4	-	-	1	0	1	-	0	0
*	*	N	2	fs	*	*	4	5	-	*	4·6	4·6	1500	*	1
1026·5	+10	NNE	2	3o	42	75	5	-	-	-	0	0	-	0	*
1026·0	+10	W'N	1	b	42	85	5	-	-	1	0	1	-	0	*
1025·5	+2	WNW	3	bc	45	75	6	-	-	5	0	2·3	-	0	1
1024·6	+2	WNW	3	bc	43	75	6	4	-	-	4·6	4·6	4000	0	2
1025·8	+6	W	2	bc	40	85	7	-	3	-	0	4·6	-	0	*
1026·4	+2	SW	2	c	44	85	8	5	-	-	10	10	2500	0	*
1026·8	+4	SW	1	3o	44	85	6	5	-	-	10	10	2500	0	*
1026·3	0	SSW	2	c	46	85	8	5	-	-	10	10	4000	0	*
1027·3	+4	-	0	c	45	95	6	2	-	-	7·8	7·8	2500	0	1
1026·9	+2	SSE	1	c	45	85	7	3	-	-	9+	9+	2500	0	0
1026·5	+2	SE	2	c	46	85	8	4	-	-	9+	9+	4000	0	2
1026·3	0	SE'S	2	c	46	95	7	5 4	-	-	9+	9+	4000	0	1
1027·0	+4	-	0	0	43	95	6	6	-	-	10	10	800	0	1
1026·2	+4	SSW	1	c	46	85	7	5	-	-	10	10	2500	0	1
1025·0	+2	SW'S	3	0	47	95	6	5	-	-	10	10	4000	0	1
1025·7	+2	SSE	1	c	45	95	6	5	3	1	2·3	7·8	4000	0	*
1025·4	0	-	0	3o	46	85	5	-	7	-	0	7·8	-	0	*
1025·0	0	WSW	2	c	44	75	8	5	-	-	9+	9+	5700	0	*
1024·2	+4	NW	4	c	43	85	6	5	7	-	4·6	9	2500	0	3
1024·5	+2	SW	2	c	45	75	8	5	-	-	9+	9+	4000	0	*
1023·2	+2	W	2	c	46	95 35	7	4	-	-	7·8	7·8	4000	1	b
1022·7	+2	SW	3	c	44	85	6	5	-	-	10	10	1500	0	2
1022·2	-2	SW	3	jp	44	95	8	5	-	-	9+	9+	4000	1	*
1023·3	0	-	0	c/d.	45	95	6	5	-	-	10	10	1500	1	*
1024·1	+4	E'N	1	c	41	95	7	5	-	-	9+	9+	2500	1	*
1021·8	0	S'W	3	c/d.	47	95	6	5	7	-	9	10	800	1	2
1018·1	0	W	2	c	47	95	7	8	6	-	4·6	9+	1500	1	1
1022·3	0	SW	2	c/d.	42	95	7	4	2	-	4·6	9	450	1	*
1021·4	0	NW	1	c	44	85	8	5	-	-	9	9	5700	1	1
1019·4	-4	SW	3	c	44	95	8	8	1	-	4·6	9	1500	1	2
1017·0	-10	SW	3	oig c/d	42	95	6	5	-	-	10	10	450	1	*
1022·8	+6	W	2	c	50	95	19	8	-	-	7·8	7·8	220	0	2
1021·6	+2	SW'S	1	c	48	95	7	5	7	-	7·8	9+	1500	0	0
1023·8	+4	S'W	2	c	47	95	7	5	-	-	10	10	2500	1	*
1023·7	+6	SSW	2	c	46	85	7	5	3	-	4·6	7·8	1500	0	0
1023·5	+4	S	1	c	47	95	8	5	-	-	9+	9+	2500	0	*
1023·7	+2	S	3	c	50	96	8	5	-	1	9+	9+	1500	0	2
1024·7	+2	SW	2	c	48	95	7	5	-	-	9	9	1500	0	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 4th Hrs. (36)
59	39	27	-	-	7·2
60	37	29	-	-	7·3
61	34	23	-	Tr.	8·4
58	32	26	-	-	8·3
57	36	30	-	-	7·1
56	37	30	-	-	6·4
54	34	*	-	-	*
58	41	33	-	-	9·2
60	36	27	-	-	6·9
60	40	30	-	-	3·8
56	42	39	-	-	1·9
57	37	33	-	-	9·8
59	43	39	-	-	8·2
60	39	33	-	-	*
61	45	36	-	-	10·1
48	41	*	-	-	*
52	41	33	-	-	9·2
51	46	*	-	-	*
52	45	*	-	-	3·3
51	39	29	-	-	8·6
49	46	*	-	-	0·0
51	45	41	-	-	0·1
53	45	41	-	-	5·1
50	44	41	-	-	2·2
56	38	34	-	-	10·3
53	41	*	-	-	1·0
57	44	43	-	-	4·3
54	44	42	Tr.	-	*
52	47	45	0·1	0·6	0·6
50	43	*	1	1	0·0
52	38	33	1	0·2	3·0
49	41	39	2	0·2	0·0
47	38	*	Tr.	1	*
46	38	*	-	Tr.	4·7
50	48	*	-	0·1	*
51	46	*	-	Tr.	0·0
50	46	43	-	-	0·0
51	44	*	-	-	*
54	46	40	-	-	0·0
56	50	48	-	Tr.	0·7
52	47	*	-	Tr.	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations, except Greenwich & Hampstead rainfall, 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	cbc	bbc	bmxbcw	59	39	27	-	-	7·2	*	*	6
Croydon	217	cm,bc3-4y	bycybc3o	bc3o,bwxm	60	37	29	-	-	7·3	*	*	5
Greenwich (Royal Observatory) ...	149	cy	cb3-4y	bxc3o	60	37	26	-	Tr.	6·1	45	71	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	8·6	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	62	40	32	—		8·4	43	70	*
‡ Regents Pk. (Botanic Gardens) ...	108	*	*	*	61	40	28	-		7·9	55	73	*
Camden Square	110	b	b	*	62	41	32	-	-	*	*	69	*
Kensington	80	bc	bbc	*	61	40	31	-	-	8·7	At 18h.	72	*
Hampstead Observatory	450	bc	b	bm	61	37	25	-	-	9·2	*	69	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
1·0	20h 4m	Nil	13-16h. 4m

Kew Observatory. Max.	Time.	Min.	Time.
0·3	19h 4m	<0·1	12h. 4m

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 4th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 5th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1024·9	NW	3	b	57	1027·3	-	0	bf	34
Brussels	1024·2	WNW	1	c	52	1025·6	SW	2	c	41
Berlin	1015·4	W'N	5	c	46	1020·0	WNW	3	c	39
Zürich	1022·2	WNW	3	bc	63	1023·9	WNW	2	m	41
Rome	1019·3	WNW	3	c	57	1019·5	N	1	b	46

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
59	32	-	-
55	39	-	-
50	39	Tr.	Tr.
68	39	-	-
68	36	-	-

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 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.

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

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 6th April 1933.

No. 24068

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

Dist.	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	1026·5	-6	N	2	bc	54	65	7	5	-	-	2·3	2·3	4000
	Croydon	1026·6	-2	W'N	3	b	55	55	7	1	-	-	Tr.	Tr.	4000
	S. Farnborough	1026·8	-6	NNW	1	c	53	65	7	5	-	-	9+	9+	2500
	Winchester	1026·9	-6	NNW	2	bc	52	75	8	1	-	-	4·6	4·6	2500
	Boscombe Down	1026·7	-10	NNW	1	b	55	65	7	1	-	-	1	1	2500
	Calshot, S'thmtn	1026·8	-6	S	1	b	57	55	6	-	-	-	0	0	-
	Dungeness	*	*	SSW	1	bc	*	*	6	5	-	*	4·6	4·6	1500
	Lympne	1026·7	-2	SE	2	3o	53	65	5	1	-	-	1	1	4000
2	Shoeburyness	1026·1	0	NW	2	bc	57	55	6	7	-	-	4·6	4·6	4000
	Felixstowe	1025·6	-4	W'N	2	bc	57	45	8	1	-	-	4·6	4·6	4000
	Gorleston	1025·0	+2	N'E	4	c	50	75	6	4	-	-	9+	9+	4000
	Cranwell	1025·6	-6	N'W	2	c	52	65	6	5	-	-	9+	9+	4000
3	Birmingham	1026·0	0	SW	2	c	52	65	8	7	-	-	7·8	7·8	2500
	Upper Heyford	1027·1	0	WNW	2	c	51	75	8	5	-	-	10	10	~~4000~~ 2500
4	Ross-on-Wye	1026·0	0	W	1	c	51	75	8	5	-	-	10	10	4000
5	Portland Bill	1027·1	+4	S	2	bc	52	85	7	4	-	-	2·3	2·3	2500
	Plymouth	1027·0	-2	S'W	3	bc	51	85	7	1	-	1	2·3	2·3	2500
	The Lizard	1026·6	-2	E	3	c	49	85	7	5	-	-	10	10	4000
	Scilly (St. Mary's)	1026·3	-2	SE'S	2	c	53	85	7	5	-	-	9+	9+	4000
	Guernsey	1027·4	-2	SE	1	bc	46	85	6	8	1	-	4·6	4·6	2500
6	Pembroke	1026·1	0	S	2	c	~~46~~ 47	85	6	5	-	-	10	10	2500
7	Holyhead	1025·8	+2	SW	4	c	49	85	6	5	-	-	9+	9+	4000
	Chester (Sealand)	1025·7	-2	NW	1	c	51	65	7	7	-	-	9+	9+	4000
8	L'pool (Bidston)	1025·8	0	W'N	3	c	50	85	7	5	7	-	2·3	9	4000
9	Harrogate	1024·8	0	SW	2	c	53	75	8	5	3	-	1	9+	5700
10	Spurn Head	1025·1	+2	NW'N	2	3o	49	75	5	5	7	-	4·6	9+	800
	Catterick	1024·4	-2	WSW	3	c	55	65	8	8	-	-	9+	9+	2500
	Tynemouth	1023·6	0	WNW	3	c	54	75	7	6	-	-	7·8	7·8	1500
11	Inchkeith	1023·2	-6	SW	2	3o	50	85	5	5	5	-	4·6	9+	800
12	Leuchars	1022·1	-6	WNW	3	c	55	65	8	2	3	8	4·6	9+	4000
	Renfrew (Abbotsl)	1023·6	-2	SW	3	c	53	75	6	8	3	-	9	9+	2500
	Eskdalemuir	1024·3	+2	SW	3	c	49	75	7	5	2	-	9	10	1500
13A	Tiree	1023·0	+6	SW'S	3	c	51	95	7	5	2	-	7·8	10	1500
13B	Stornoway	1019·1	+2	SSW	2	c	48	95	7	9	7	-	7·8	10	1500
15	Dalwhinnie	1022·2	0	SW	3	c	51	75	8	4	2	-	2·3	7·8	2500
	Aberdeen	~~1022·6~~ 1021·6	+2	NW	2	c	55	65	8	8	7	8	2·3	9	4000
	Wick	1020·6	+6	WSW	2	c	52	95	8	8	1	-	7·8	9+	1500
16	Lerwick	1018·3	+4	WNW	3	bc	47	65	9	5	3	-	4·6	4·6	2500
17	Blacksod Point	1024·0	+10	SW	3	c	51	95	7	-	7	-	0	9+	-
18	Malin Head	1022·8	+4	W	2	c	52	95	7	8	7	-	9	9+	800
	Aldergrove	1024·4	+6	SW	2	$d_o d_o$	52	95	6	6	-	-	10	10	800
	Donaghadee	1024·2	+4	SSW	1	c/d	54	85	7	6	2	-	4·6	7·8	1500
19	Birr Castle	1024·4	-4	S	2	c	58	65	8	5	-	5	7·8	9+	2500
20	Valentia Obsy.	1024·5	-2	S'E	4	c	52	85	8	5	-	-	10	10	1500
	Roches Point	1025·9	+4	SW	2	$i d_o$	49	95	6	5	-	-	10	10	800

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1026·0	+2	NNW	2	bc	53	65	6	-	-	6	0	2-3	-	0	*
1025·8	0	~~N'W~~ NNW	2	3o	55	65	6	-	-	-	0	0	-	0	*
1025·9	0	NNW	1	b	53	65	7	-	-	8	0	1	-	0	*
1025·6	+10	NNW	1	b	55	75	8	-	-	-	0	0	-	0	*
1025·2	-6	-	0	b	57	55	7	-	-	-	0	Tr.	-	0	*
1025·6	+2	SW'S	3	b	50	75	6	-	-	-	0	0	-	0	1
*	*	SW	1	bc	*	*	5	5	-	*	4·6	4·6	1500	*	0
1026·4	+6	SSE	2	3o	48	75	6	-	-	1	0	Tr.	-	0	*
1025·8	+6	NNE	2	c	54	65	7	5	-	-	7·8	7·8	4000	0	*
1025·9	+8	NE	2	3o	50	65	6	5	-	-	9+	9+	4000	0	1
1025·1	+4	NNW	2	bc	50	65	6	5	-	-	4·6	4·6	4000	0	2
1025·1	0	-	0	3o	53	75	6	5	-	-	9+	9+	4000	0	*
1025·8	0	SW	2	bc	52	75	8	5	3	1	4·6	4·6	2500	0	*
1026·0	0	WSW	1	c	53	75	8	-	-	7	0	9+	-	0	*
1025·5	-4	N'E	2	3o	51	75	6	5	-	1	2·3	4·6	2500	0	*
1026·1	-10	NW	2	b	48	95	7	-	-	-	0	0	-	0	1
1026·0	+2	SSW	2	bc	49	95	8	7	-	4	2·3	2·3	2500	0	2
1025·6	0	E	2	c	51	85	7	8	6	-	4·6	7·8	4000	0	1
1025·9	-2	S'W	2	c	51	85	7	5	-	-	9+	9+	4000	0	1
1026·1	-4	ENE	1	bc	45	95	6	-	1	-	0	4·6	-	0	1
1025·7	0	-	0	bc	48	85	8	4	6	2	2·3	4·6	4000	0	1
1025·7	+4	SSW	3	c	47	95	8	5	1	8	1	9	4000	0	1
1026·2	+4	NNW	1	3o	50	85	6	5	-	-	9+	9+	2500	0	*
1025·7	0	W'N	1	bc	49	85	8	5	3	-	2·3	4·6	2500	0	*
1025·2	0	WSW	2	c	49	75	8	5	-	-	9+	9+	5700	0	*
1024·7	0	SSW	3	3o	48	85	5	5	7	-	2·3	9+	1500	0	2
1024·4	+2	WSW	4	c	50	75	8	5	-	-	9+	9+	4000	0	*
1023·2	+2	W	2	c	55	75	6	4	-	-	9+	9+	4000	0	1
1023·1	0	SW	2	c	51	75	7	5	-	-	10	10	2500	0	1
1022·1	0	W	3	c	54	75	8	7	3	-	7·8	9	5700	0	*
1023·7	+2	SW	2	c	51	85	6	5	7	-	9	9+	2500	1	*
1024·2	+2	SSW	3	c	48	85	6	5	-	-	9+	9+	800	1	*
1023·1	+2	SW	3	c	49	95	6	5	2	-	7·8	10	450	1	2
1019·1	0	SSW	2	c/pr	49	95	7	9	2	-	7·8	10	1500	1	1
1022·8	+4	SW	2	c	48	75	8	3	2	-	7·8	9	800	0	*
1021·6	+2	SSE	2	c	53	65	7	8	9	8	4·6	9	4000	1	1
1020·6	0	-	0	c/pr	48	95	8	8	1	-	7·8	9+	1500	1	1
1020·1	+12	N	2	c	44	75	9	8	7	-	4·6	7·8	2500	0	*
1024·1	0	SW	3	c	50	95	8	4	-	-	10	10	800	0	2
1023·0	+4	W	2	c	50	95	7	5	9	5	1	9+	1500	0	0
1024·2	-2	-	0	c	55	75	8	8	-	5	9	10	4000	1	*
1024·3	+4	SW	2	c	52	85	7	5	3	-	4·6	7·8	1500	0	0
1023·8	-2	S	2	c	57	75	8	5	-	7	7·8	10	2500	0	*
1023·9	0	S'E	3	c	50	85	8	5	-	-	9+	9+	1500	0	2
1025·1	-2	SW	3	c	48	95	7	5	-	-	9	9	1500	0	3

PAST 24 HOURS.

Weather. 7h.–13h. 5th (37)	13h.–18h. 5th (38)	18h. 5th to 1h. 6th (39)	1h.–7h. 6th (40)
bc	bc_{3o}	bm_o	bcFbfW
$bbc_{3o}y$	by_{3o}	bmwW	bmwbcm$_o$
bm_oc	cb	bbm$_o$W	bfxF
cbc	cb	bm_o	bmw
cm_oc bc	bcyby	bbcm$_o$	bcmw
bm_o	by_{3o}	bm$_o$bwf	bwf
bc	bc	*	
b_{3o}	b_{3o}	bm$_o$W	bbcm$_o$wc
bbc_{3o}	bcc	cb	bwbcm
b_{3o}wbcy	bcyc	c	bcwc$_{3o}$
bcc_{3o}	c_{3o}	bccm$_o$m$_o$	$c_{3o}j_o$
bcc_{3o}	c_{3o}	c	cbfw
c	bc	bcc	cbcf
c	c	cbcb	bbcw
c_{3o} bc	bc	b	bo_{3o}
cb	bbc	bcc	ocm_oc
c	oc	cbcc	cm_oc
c	c	c	c
c_{3o} bc	c_{3o} bc	bbcc	cbccwm$_o$c
ocm_o	cbcc⊕	cbwm$_o$	bwbcm$_o$
m_oc	cm_o	cbm	bcffe
m_oc	cbc	bcc	cwom
cb	c	cb	c
c_3	bc	c	cfw
c	c	cbcwc	c
i	c	co	oc
ci_o	cid_o	c	cw
cpr_o	cpr	cid_o	cir_o
bc	bc(p)	*	bc
c	c	cbcb	bbcb
cpr_oc	cpr_oc	cpr_oc	cr_orc
oid_om_obc	bcc	cbcc	c
c	c	c	P_oc
cpr_o	bccⓅ	c⓫	c
$cd_od_om_o$	c	cbc	bcc
cid_o	id_oc	bcm$_o$	bcm$_o$
c	c	cbc	bco
cwc	c	ccir$_o$	cir_o
$coid_o$	oid_oc	c	cid_oc

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. ⓫ lunar halo. ⟋ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

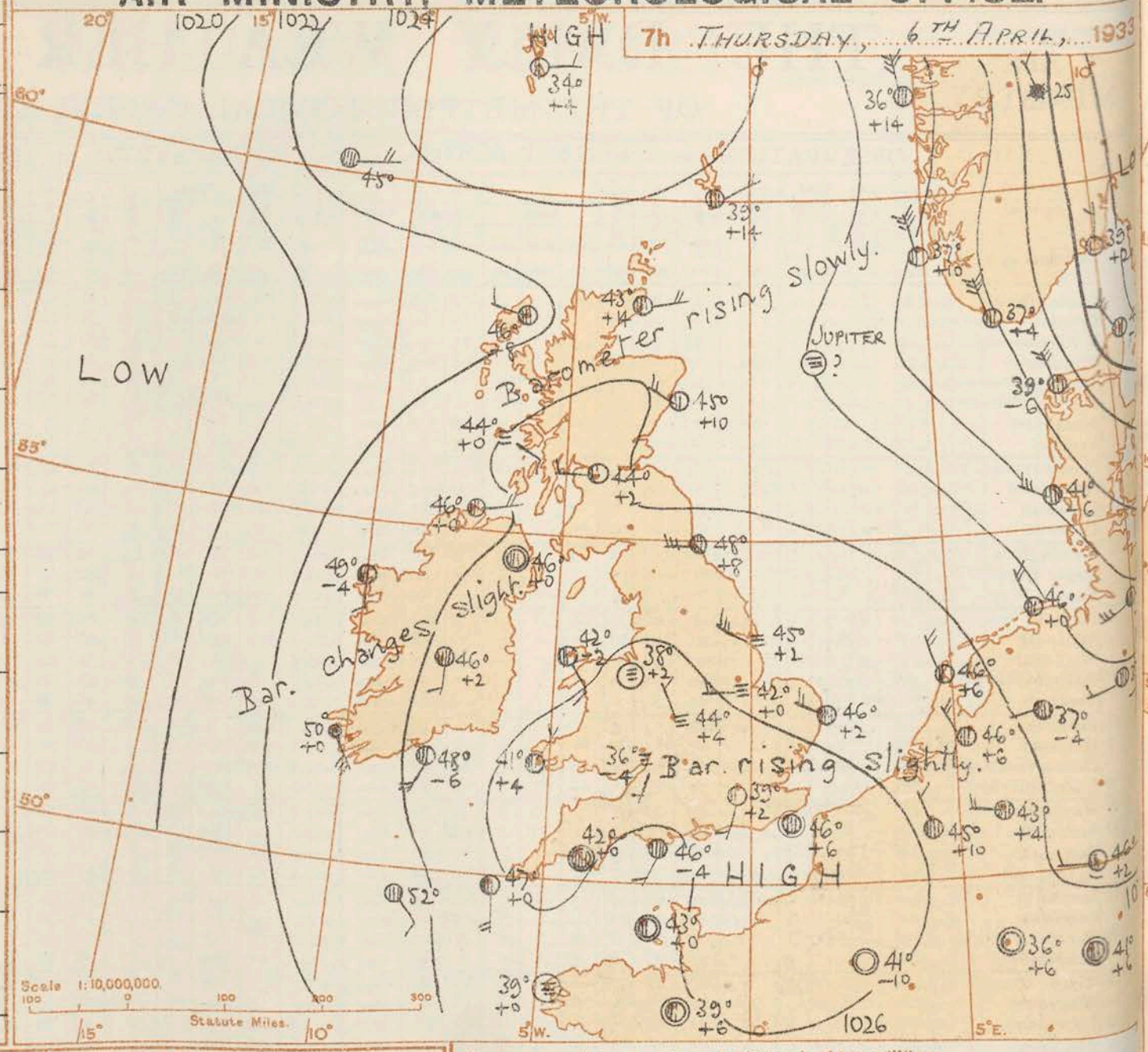
REPORTS from HEALTH RESORTS for 5th APRIL 1933.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 4th to 9h. 5th	Temperature. Max. 9h.—17h. 5th	Rainfall. Night. 17h. 4th to 9h. 5th	Rainfall. Day. 9h.—17h. 5th	Sunshine. Sunrise to 17h. 5th	Sunshine. Sunrise to Sunset. 4th
1	Tunbridge W.	b	b	31	59	-	-	10·4	8·2
	Bournemouth	b	b	35	59	-	-	7.2	8·2
	Ventnor	b3	b3	40	56	-	-	10·5	8·5
	Southsea	b	b	39	59	-	-	10·1	8·3
	Bognor Regis	b	b	38	54	-	-	10·3	8·8
	Littlehampton	b	b	36	54	-	-	10·4	9·7
	Worthing	b	b	40	55	-	-	10·0	9·1
	Brighton	b	b	41	56	-	-	10·0	8·5
	Eastbourne†	b	b	40	56	-	-	10·3	9·4
	Hastings†	b	bb3	39	56	-	-	10·2	8·6
	Folkestone	b	b	42	54	-	-	9·4	7·2
	Dover	yb	bm	42	57	-	-	10·2	6·6
	Deal	b	bbc	40	53	-	-	8·6	5·6
	Ramsgate	bcb	bbc	43	57	-	-	9·8	6·7
	Margate	b	b	45	56	-	-	10·4	7·5
2	Southend	bmbc	bbcc	40	60	-	-	9·0	5·6
	Maldon	b	bbcc	37	58	-	-	8·6	5·3
	Clacton-on-Sea	bcbbc	bc	41	59	-	-	10·2	5·3
	Dovercourt	bbc	oc	41	61	-	-	8·2	4·2
	Lowestoft	bbcc	bcb	41	53	-	-	4·8	1·0
	Skegness	mobc	bcom	40	51	-	-	1·1	0·4
	Mablethorpe	c	c	38	53	-	-	0·0	1·4
	Cleethorpes	o	oco	41	54	-	-	0·6	2·6
3	Leamington S.	oc	bc3	43	56	-	-	3·1	7·3
4	Cheltenham†	o3wo	oc3o	40	53	-	-	0·4	9·1
5	Bath	c	cbcb	42	59	-	-	4·5	7·5
	Weymouth	c Fcbc	cb	37	55	-	-	5·5	7·7
	Jersey	~~bcb~~	bfbcb	39	52	-	-	5·0	9·5
	Torquay	cw3o	bcb	39	53	-	-	7·3	9·1
	Penzance	ocbc	cbc	46	53	-	-	4·1	1·3
	St. Ives	b	b	46	55	-	-	8·1	8·5
	Bude	cbcb	b	47	52	-	-	7·5	3·7
	Ilfracombe	ocbc	bcb	46	52	-	-	6·0	2·3
6	Aberystwyth	c	c	46	48	-	-	0·0	0·6
7	Llandudno	c	c	45	52	-	-	1·0	2·6
	Colwyn Bay	c	cbc	46	57	-	-	1·3	3·7
	Rhyl	c	c	44	54	-	-	0·9	3·8
8	Wallasey	bbcc	cbc	45	52	-	-	1·1	2·5
	Southport‖	o	oc	45	52	-	-	0·0	1·1
	Blackpool	c	oc	45	50	-	-	0·0	1·7
	Morecambe	c	c	43	48	-	-	0·0	0·6
9	Ilkley	bbc	cdbc	41	51	-	Trace	0·2	8·2
10	Berwick-on-T.	oc	co	41	55	-	-	0·2	0·0
11	Dunbar	ccm	cm	42	56	Trace	-	1·1	0·1
12	Troon	o	oco	45	50	-	-	0·0	0·0
	Douglas	om	ocm	45	52	-	-	0·7	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. THURSDAY, 6TH APRIL, 1933



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 6th April, 1933.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England	Light variable wind; fair or fine; local mist or fog night and early morning; rather warm by day, slight ground frost locally in early morning.
6. South Wales 7. North Wales 8. N.W. England 9. N Midlands 10. N.E. England	Light variable wind; cloudy; bright periods locally; local mist or fog night and early morning; mild.
11. S.E. Scotland	Light variable or easterly wind; cloudy; perhaps local occasional rain and cooler later.
12. S.W. Scotland & Isle of Man	Light variable wind; cloudy; rather mild.
13. A. W Scotld. B. N.W. Scotland.	Light variable or easterly wind; cloudy; perhaps occasional local rain; cooler.
14. Mid-Scotland	
15. N.E. Scotland 16. Orkneys and Shetlands.	Light or moderate northeast wind; cloudy; perhaps showers; rather cool.
17. N.W. Ireland	Light or moderate southerly wind; cloudy; occasional local rain; rather mild.
18. N.E. Ireland	Light southerly wind; cloudy; rather mild.
19. S.E. Ireland	
20. S.W. Ireland	As 17.

GENERAL INFERENCE.

An anticyclone centred near the Faeroes will move southeast, amalgamating with another anticyclone centred over Southern England and Northern France. Weather will be quiet generally, somewhat unsettled in Scotland and Western Ireland but fair elsewhere. Conditions will be cooler in Northern Scotland.

FURTHER OUTLOOK.

Quiet generally; mainly fair except perhaps in Scotland; cooler in the Northeast.

Forecasts issued at 1015 G.M.T.

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

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

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

Morning of
THURSDAY
6TH. APRIL
1933.

HIGH
LOW
HIGH
LOW
HIGH
HIGH
HIGH
LOW
HIGH

Clarke's Projection Scale 1 : 4 x 10⁷ along meridian at 55°N.
Statute Miles 0 100 200 300

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 6th April 1933.

No. 26068.

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

Dessior.	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	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croyden ...	217	1026·3	-2	S	1	b	41	95	4	~	~	~	0	0	~
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	1026·4	0	NW	1	bf+	40	95	3	~	~	~	0	0	~
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1027·0	0	~	0	3o	41	95	5	~	~	~	0	0	~
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	1025·7	-2	~	0	c	46	95	6	5	2	~	7-8	10	2500
	Cranwell ...	240														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1026·2	0	NW	1	b	46	95	7	~	~	~	0	0	~
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	1026·5	0	E'N	1	c	46	85	7	5	~	~	9+	9+	2500
	Scilly (St. Mary's)	163	1026·1	0	SE'S	2	c	48	95	7	5	~	~	10	10	4000
	Guernsey ...	175	1026·4	0	-	0	b	41	93	7	~	~	~	0	0	~
6	Pembroke ...	142	1025·8	0	ENE	1	c	42	95	7	5	7	2	2·3	7·8	4000
7	Holyhead ...	26	1025·8	0	SSW	2	b	44	95	6	5	~	~	Tr	Tr	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1024·8	0	W	3	c	48	85	6	5	1	~	4·6	9	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	1024·0	-4	W	2	o	50	85	7	5	~	~	10	10	1500
11	Inchkeith ...	190	1023·6	+4	WSW	2	c	46	95	6	5	~	7	4·6	7·8	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts'l)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1020·9	+4	W	2	c	46	95	7	8	6	~	4·6	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1020·1	0	WNW	2	c	47	95	8	9	2	~	7·8	9	1500
16	Lerwick ...	54	1022·4	+6	~	0	c	37	95	8	5	~	8	2·3	7·8	1500
17	Blacksod Point	18	1023·5	0	~	0	c	49	95	8	5	~	~	9+	9+	~
18	Malin Head ...	52	1023·9	0	~	0	c	45	95	7	7	5	~	7·8	7·8	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1023·1	-6	S'E	5	bc	48	85	8	~	1	~	0	4·6	~
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Dessior.	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)...	1026.6	+6	~	0	bf	40	95	2	~	~	~	0	0	~	0	*
	Croyden ...	1026.4	+2	SSW	1	bc	39	95	6	~	5	1	0	4-6	~	1	*
	S. Farnborough	1026.6	+4	~	0	bF	32	95	1	~	3	~	0	1	~	0	*
	Winchester ...	1026.4	+2	~	0	c	36	95	5	~	8	6	0	9	~	0	*
	Boscombe Down	1026.2	+2	E'N	2	bc	38	95	5	~	3	2	0	4-6	~	1	*
	Calshot (S'thmtn)	1026.2	+2	NNW	1	bcf	39	95	3	~	4	1	0	2-3	~	0	0
	Dungeness ...	*	*	NNE	1	bc	*	*	4	5	7	*	2-3	4-6	2500	*	0
	Lympne ...	1027.1	+6	~	0	c	46	85	6	5	~	~	7-8	7-8	5700	0	*
2	Shoeburyness	1026.3	+2	NWN	1	c	45	85	4	~	3	~	0	7-8	~	0	*
	Felixstowe ...	1026.3	+2	W	2	3o	48	85	5	5	~	~	9	9	5700	0	0
	Gorleston ...	1025.3	+2	W'N	2	3o	46	85	5	5	~	~	10	10	2500	0	1
	Cranwell ...	1025.7	0	W	2	5f-	42	95	3	~	~	1	0	1	~	1	*
3	Birmingham ...	1026.3	+4	NW	1	bcf	44	95	2	~	3	~	0	4-6	~	0	*
	Upper Heyford	1026.7	+2	~	0	3o	41	95	5	~	3	~	0	7-8	~	0	*
4	Ross-on-Wye ...	1026.3	-4	SW	1	bF	36	95	1	~	~	~	0	0	~	1	*
5	Portland Bill...	1025.6	-4	SW	1	0	46	95	6	5	~	~	10	10	800	0	2
	Plymouth ...	1025.9	0	~	0	3o	42	95	6	5	~	~	10	10	800	0	0
	The Lizard ...	1026.3	+2	E	1	c	45	85	6	5	~	~	10	10	1500	0	2
	Scilly (St. Mary's)	1025.7	0	S	2	c	47	95	7	5	~	~	10	10	4000	0	1
	Guernsey ...	1025.8	0	~	0	bcF	43	95	1	~	3	~	0	4-6	~	0	1
6	Pembroke ...	1026.2	+4	NNE	1	c	41	95	5	8	7	~	4-6	7-8	4000	0	0
7	Holyhead ...	1025.6	-2	SSE	1	bc	42	95	6	5	X3	~	4-6	7-8	5700	0	0
	Chester (Sealand)	1026.5	+2	~	0	of-	38	95	2	5	~	~	10	10	2500	1	*
8	L'pool (Bidston)	1026.2	+2	~	0	m	46	95	4	5	~	~	10	10	800	0	*
9	Harrogate ...	1025.2	0	WSW	1	c	46	95	8	5	~	~	10	10	4000	0	*
10	Spurn Head ...	1024.6	+2	NNW	3	cf	45	95	3	5	3	8	4-6	7-8	450	0	2
	Catterick ...	1026.0	+4	~	0	c	47	95	8	5	~	~	9+	9+	4000	0	*
	Tynemouth ...	1025.3	+8	W	3	c	48	95	6	6	~	~	7-8	7-8	1500	0	1
11	Inchkeith ...	1024.6	+6	WSW	3	c	44	95	6	5	~	~	7-8	7-8	2500	0	1
	Leuchars ...	1023.5	+6	WSW	4	c	46	85	9	7	3	~	4-6	7-8	4000	0	*
12	Renfrew (Abbotts'l)	1024.8	+2	W	1	bc	44	95	8	5	3	1	2-3	4-6	5700	1	*
	Eskdalemuir ...	1025.2	+2	SW	1	c	45	95	6	5	7	~	7-8	7-8	1500	1	*
13A	Tiree	1024.2	0	ESE	1	cf	44	95	7	5	3	9	1	7-8	1500	0	1
13B	Stornoway ...	1021.6	+8	WNW	1	c	46	95	7	5	7	~	7-8	10	1600	1	0
15	Dalwhinnie ...	1024.4	+12	NE	2	bc	44	85	8	4	~	~	4-6	4-6	2500	0	*
	Aberdeen ...	1023.2	+10	WNW	2	bc	45	85	8	8	~	~	2-3	2-3	4000	1	1
	Wick	1023.8	+14	E	2	c	43	95	8	8	1	~	7-8	9	1500	1	2
16	Lerwick ...	1023.9	+14	NE'E	2	c	39	85	8	5	2	~	7-8	9+	1500	0	*
17	Blacksod Point	1023.2	-4	S	1	c	49	95	7	7	~	~	10	10	800	0	1
18	Malin Head ...	1023.5	0	E	2	c	46	95	8	5	7	~	7-8	9+	1500	0	0
	Aldergrove ...	1024.6	0	~	0	c	46	95	6	5	3	~	4-6	7-8	4000	1	*
	Donaghadee ...	1024.4	+2	SSW	1	c	45	95	6	5	3	~	4-6	7-8	1500	0	0
19	Birr Castle ...	1024.2	+2	S	1	0	46	95	7	5	~	~	10	10	2500	0	*
20	Valentia Obsy.†	1023.1	0	SE	3	5o	50	95	8	5	~	~	9+	9+	1500	1	2
	Roches Point...	1024.3	-6	SW	2	c	48	95	7	5	~	~	9	9	1500	1	2

PAST 24 HOURS.

Dessior.	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 5* Hrs. (36)
1	London (Kew)...	55	39	28	~	~	8·0
	Croyden ...	58	37	32	~	~	10·5
	S. Farnborough	58	30	23	~	~	6·8
	Winchester ...	57	33	26	~	~	10·0
	Boscombe Down	59	34	31	~	~	5·3
	Calshot (S'thmtn)	57	36	33	~	~	11·2
	Dungeness ...	56	38	*	~	~	*
	Lympne ...	56	40	29	~	~	10·5
2	Shoeburyness	59	37	28	~	~	9·0
	Felixstowe ...	58	41	31	~	~	8·2
	Gorleston ...	54	44	41	~	~	4·1
	Cranwell ...	55	39	33	~	~	2·8
3	Birmingham ...	56	43	35	~	~	2·7
	Upper Heyford	54	40	31	~	~	*
4	Ross-on-Wye ...	53	34	28	~	~	9·4
5	Portland Bill...	53	43	*	~	~	*
	Plymouth ...	52	39	36	~	~	8·9
	The Lizard ...	55	45	*	~	~	~
	Scilly (St. Mary's)	53	47	*	~	~	5·1
	Guernsey ...	47	39	31	~	~	6·0
6	Pembroke ...	48	41	*	~	~	0·6
7	Holyhead ...	52	41	30	~	~	2·6
	Chester (Sealand)	57	36	32	~	Tr	2·3
8	L'pool (Bidston)	51	44	39	~	~	1·5
9	Harrogate ...	54	44	39	~	~	1·0
10	Spurn Head ...	53	43	*	~	Tr	0·8
	Catterick ...	56	45	39	~	~	0·5
	Tynemouth ...	56	47	45	~	~	*
11	Inchkeith ...	53	44	41	~	~	0·5
	Leuchars ...	57	41	35	Tr	~	0·6
12	Renfrew (Abbotts'l)	55	41	37	Tr	~	0·3
	Eskdalemuir ...	49	43	43	~	~	0·0
13A	Tiree	52	42	30	Tr	~	0·0
13B	Stornoway ...	51	45	*	0·6	0·6	0·0
15	Dalwhinnie ...	53	42	35	0·3	~	0·8
	Aberdeen ...	57	42	38	~	~	0·3
	Wick	52	41	*	1	1	*
16	Lerwick ...	49	37	*	0·1	~	6·4
17	Blacksod Point	53	48	*	~	0·1	*
18	Malin Head ...	53	42	*	0·4	Tr	0·7
	Aldergrove ...	56	45	42	0·1	~	0·0
	Donaghadee ...	55	44	*	0·2	~	*
19	Birr Castle ...	60	43	33	~	~	1·7
20	Valentia Obsy.†	53	48	46	Tr.	0·5	0·0
	Roches Point...	50	47	*	Tr.	Tr	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations, except Greenwich & Hampstead rainfall, 9h-18h.

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h. (To-day.)
KEW	18	bc	bc 3o	bm F bf w	55	39	28	~	~	8.9	*	*	3
CROYDON	217	bbc 3o y	by 3o	bm w bc m	58	37	32	~	~	10.5	*	*	4
GREENWICH (Royal Observatory) ...	149	cb 3o	bz 3o y	bc mb 3o	58	39	30	~	~	8.1	54	64	5
CITY (Bunhill Row)	—				*	*	*	*	*	8.8	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	59	42	35	—		8.3	54	68	*
‡REGENTS PK. (Botanic Gardens) ...	168	*	*	*	58	43	30	—		9.5	65	68	*
CAMDEN SQUARE	110	b	b	*	59	44	35	~	~	*	*	66	*
KENSINGTON	80	b	b	*	59	41	34	~	~	9.6	At 18h.	67	*
HAMPSTEAD OBSERVATORY	450	b	b	*	58	44	29	~	~	9.5	64	66	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

SOUTH KENSINGTON.

Max.	Time.	Min.	Time.
1.0	22h 5th to 4h 6th	0.0	11h-15h 5th

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
0.7	0h 6th	<0.1	13h 5th

FOREIGN OBSERVATIONS.

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

Stations.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
PARIS	1024.9	NW	2	b	59
BRUSSELS	1024.7	W	1	c	52
BERLIN	1021.0	WNW	1	c	46
ZÜRICH	1022.4	ENE	1	b	57
ROME	1017.3	SSW	3	bc	57

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

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1026.6	~	0	b/f	41
1026.0	NNW	1	c	45
1021.9	W	3	c	39
1024.0	NNE	1	3o	41
1018.3	SE	1	b	52

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
63	37	~	~
57	39	~	~
48	34	~	~
64	39	~	~
68	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 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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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 and Rainfall are for the 24 hours ending 9h.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 7th APRIL 1933.

No. 26069

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)...	1025·5	-8	NW	1	b	59	55	6	7	-	-	1	1	5700
	Croydon ...	1025·3	-10	S'W	2	3o	62	55	6	7	-	8	4-6	4-6	4000
	S. Farnborough	1025·1	-12	SSW	1	3o	63	55	6	1	-	-	4-6	4-6	4000
	Winchester ...	1025·4	-6	SE	3	3o	60	65	6	1	-	-	2-3	2-3	4000
	Boscombe Down	1025·1	-8	SE	1	bc	61	55	6	1	3	-	1	2-3	2500
	Calshot, S'thmtn	1025·8	-6	S	2	b	57	65	7	-	4	-	0	Tr.	-
	Dungeness ...	*	*	SSW	1	m	*	*	4	5	1	*	2-3	4-6	800
	Lympne ...	1026·4	-8	SW'S	2	b	60	45	6	1	-	-	Tr.	Tr.	4000
2	Shoeburyness	1025·7	-6	SSE	2	bc	60	65	6	1	3	-	2-3	4-6	4000
	Felixstowe ...	1025·9	-2	S'E	3	bc	55	65	7	2	-	-	4-6	4-6	4000
	Gorleston ...	1025·2	0	-	0	3o	52	85	5	5	-	-	10	10	2500
	Cranwell ...	1024·9	-10	W	1	3o	60	55	6	8	3	-	9	9+	4000
3	Birmingham ...	1025·9	-4	NW	1	3o	55	65	5	-	1	-	0	10	-
4	Upper Heyford	1025·3	-10	SSW	3	3o	60	55	6	1	3	-	4-6	9+	4000
	Ross-on-Wye ...	1024·9	-6	ENE	2	3o	59	65	6	-	9	-	0	4-6	-
5	Portland Bill...	1025·9	-2	SW	1	bc	50	85	6	1	-	-	2-3	2-3	2500
	Plymouth ...	1025·8	-4	S	3	3o	51	85	6	-	3	-	0	Tr.	-
	The Lizard ...	1026·2	0	E'S	1	bc	51	75	7	4	4	-	4-6	4-6	4000
	Scilly (St. Mary's)	1026·0	-2	SE	2	c	52	85	7	7	-	-	7-8	7-8	4000
	Guernsey ...	1025·9	0	NNE	1	3o	53	85	5	-	-	1	0	1	-
6	Pembroke ...	1025·0	-8	WSW	1	bc	50	75	7	7	4	-	4-6	4-6	4000
7	Holyhead ...	1025·8	0	SW	2	c	51	85	7	5	-	-	9+	9+	4000
	Chester (Sealand)	1025·6	-6	SSE	1	3o	58	55	6	5	-	-	9+	9+	7200
8	L'pool (Bidston)	1025·7	+2	NNW	2	o	49	85	6	5	-	-	10	10	2500
9	Harrogate ...	1024·9	0	-	0	c	55	65	7	8	-	-	9+	9+	4000
10	Spurn Head ...	1025·0	0	ENE	3	c	53	75	7	5	2	-	4-6	9	1500
	Catterick ...	1024·7	-2	SSW	2	c/pr.	57	65	8	8	-	9	9	9+	4000
	Tynemouth ...	1024·6	+8	NE	2	bc	49	85	8	2	-	-	4-6	4-6	2500
11	Inchkeith ...	1024·6	0	W	1	c	57	65	8	1	-	-	7-8	7-8	4000
	Leuchars ...	1023·9	0	E	3	bc	57	65	9	8	-	-	4-6	4-6	4000
12	Renfrew (Abbotts I.)	1024·5	-2	NNW	2	bc	57	65	8	7	-	-	4-6	4-6	4000
	Eskdalemuir ...	1024·3	-2	SW	4	bc	55	65	7	8	-	-	4-6	4-6	2500
13A	Tiree	1024·3	-8	SE	2	fs	54	75	9	4	3	2	Tr.	4-6	2500
13B	Stornoway ...	1022·1	-2	S	1	c	51	85	8	8	7	-	4-6	9+	1500
15	Dalwhinnie ...	1023·9	0	SE	1	bc	54	45	8	4	-	-	4-6	4-6	4000
	Aberdeen ...	1025·6	+12	ENE	2	id.	45	95	6	5	-	-	10	10	450
	Wick	1025·1	+6	SE	2	c	47	95	8	5	1	-	4-6	7-8	2500
16	Lerwick ...	1025·8	+6	ENE	2	c	41	65	8	5	-	-	7-8	7-8	1500
17	Blacksod Point	1022·3	0	S	1	bc	55	85	8	2	-	-	4-6	4-6	800
18	Malin Head ...	1022·9	-10	E	2	bc	50	95	7	-	8	5	0	4-6	-
	Aldergrove ...	1024·3	-8	W	1	c	57	75	6	8	3	-	9	9+	4000
	Donaghadee ...	1025·0	-4	S	1	c	53	75	7	8	3	-	4-6	7-8	1500
19	Birr Castle ...	1023·8	-6	S	1	c	58	75	8	7	-	-	7-8	7-8	2500
20	Valentia Obsy.	1023·4	0	SSE	4	c	53	85	8	5	-	-	9+	9+	800
	Roches Point...	1025·3	+4	SW	2	c	50	95	7	5	-	-	9	9	1500

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

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)...	1024·3	-4	SSW	3	c	58	65	5	7	-	6	4-6	7-8	5700	0	*
	Croydon ...	1024·6	+4	S'W	3	3o	58	65	6	7	-	8	7-8	7-8	4000	0	*
	S. Farnborough	1024·7	+4	S	2	c	58	55	6	5	8	1	4-6	7-8	7200	0	*
	Winchester ...	1024·5	-2	S	2	bc	53	65	7	-	3	-	0	4-6	-	0	*
	Boscombe Down	1024·2	-2	S	2	c	55	55	6	-	3	1	0	7-8	-	0	*
	Calshot, S'thmtn	1024·7	-4	SSW	1	bc	53	65	8	-	5	-	0	4-6	-	0	1
	Dungeness ...	*	*	SW	1	bc	*	*	5	5	7	*	2-3	4-6	800	*	1
	Lympne ...	1025·5	+2	SW'S	2	c	53	65	7	7	3	1	4-6	7-8	4000	0	*
2	Shoeburyness	1024·5	-6	S'W	1	c	55	75	5	5	7	-	4-6	7-8	2500	0	*
	Felixstowe ...	1025·0	0	-	0	c	52	75	5	8	3	-	9+	9+	4000	0	0
	Gorleston ...	1024·9	-2	-	0	c	51	75	6	4	-	-	9	9	2500	0	1
	Cranwell ...	1024·8	0	E'N	2	3o	52	75	6	5	-	-	10	10	4000	0	*
3	Birmingham ...	1024·2	-4	NW	2	c	58	55	5	-	7	-	0	7-8	-	0	*
4	Upper Heyford	1024·1	-4	NNE	2	c	60	65	7	4	3	-	4-6	9+	4000	0	*
	Ross-on-Wye ...	1024·0	-4	-	0	3o	58	55	6	5	1	-	7-8	9	4000	0	*
5	Portland Bill...	1025·1	-6	SW	2	bc	47	95	6	4	-	-	4-6	4-6	1500	0	2
	Plymouth ...	1024·9	-2	SW	2	3o	50	95	6	-	-	-	0	0	-	0	1
	The Lizard ...	1025·2	0	ESE	1	bc	50	75	7	7	4	-	2-3	2-3	4000	0	2
	Scilly (St. Mary's)	1025·1	-2	SE'S	2	bc	50	95	7	7	-	1	2-3	2-3	4000	0	1
	Guernsey ...	1024·7	+6	-	0	b	52	75	6	-	-	-	0	0	-	0	1
6	Pembroke ...	1023·0	-6	W	1	bc	49	85	7	1	4	1	2-3	4-6	4000	0	1
7	Holyhead ...	1024·8	-2	E'N	1	c	47	95	6	5	-	2	2-3	7-8	5700	0	0
	Chester (Sealand)	1025·2	0	~~NE~~ NE	3	3o	50	85	5	5	-	1	7-8	9	7200	0	*
8	L'pool (Bidston)	1024·8	-2	NNW	2	bc	47	95	6	5	7	-	2-3	4-6	1500	0	*
9	Harrogate ...	1024·4	0	ESE	1	c	55	65	6	8	8	1	4-6	7-8	4000	0	*
10	Spurn Head ...	1024·9	0	-	0	c	49	85	6	5	7	-	4-6	7-8	800	0	2
	Catterick ...	1024·5	+2	N	1	3o	52	75	5	4	-	1	2-3	2-3	4000	0	*
	Tynemouth ...	1025·0	+2	SE	1	bc	47	95	6	9	-	-	4-6	4-6	2500	0	1
11	Inchkeith ...	1024·4	-6	NE	2	c	48	85	7	5	-	9	4-6	7-8	1500	0	1
	Leuchars ...	1024·3	+2	E	2	fs	47	95	8	2	3	4	Tr.	2-3	2500	0	*
12	Renfrew (Abbotts I.)	1023·9	-2	SW	3	b	55	75	7	-	3	1	0	Tr.	-	1	*
	Eskdalemuir ...	1024·4	+2	SSE	3	c	52	75	7	8	-	-	7-8	7-8	2500	1	*
13A	Tiree	1022·9	-8	SE	1	c	52	75	9	5	3	-	7-8	9+	2500	0	2
13B	Stornoway ...	1020·5	-2	-	0	c	49	85	8	8	6	-	4-6	7-8	1500	1	0
15	Dalwhinnie ...	1022·9	-6	SW	2	bc	53	65	8	4	4	-	2-3	4-6	4000	0	*
	Aberdeen ...	1025·3	0	SSE	2	c	43	95	5	5	-	-	9+	9+	<150	1	1
	Wick	1024·3	-10	SSE	3	c	44	95	8	5	1	8	4-6	9	2500	1	2
16	Lerwick ...	1025·2	0	SSE	2	c	39	75	8	5	7	-	4-6	9+	1500	0	*
17	Blacksod Point	1021·8	0	S	1	id.	51	95	7	5	-	-	10	10	<150	0	2
18	Malin Head ...	1021·9	-6	W	1	c	52	95	7	8	1	-	9	9+	2500	0	0
	Aldergrove ...	1023·8	-2	SE	3	bc	54	75	7	5	3	1	2-3	4-6	5700	0	*
	Donaghadee ...	1024·2	-2	S	2	bc	50	85	7	8	3	-	4-6	4-6	1500	0	1
19	Birr Castle ...	1023·1	-2	S	2	c	58	75	7	5	4	-	7-8	9	2500	1	*
20	Valentia Obsy.	1022·0	-10	S'E	4	c	52	85	8	7	3	5	4-6	7-8	1500	1	2
	Roches Point...	1023·7	-6	S	3	c	50	95	7	5	-	-	9	9	1500	0	2

PAST 24 HOURS.

District	Stations. (For heights see p. 4.)	Weather. 7h.–18h. 6th (37)	Weather. 18h.–18h. 6th (38)	Weather. 18h. 6th to 1h. 7th (39)	Weather. 1h.–7h. 7th (40)
1	London (Kew)...	b3o	byc3o	cbc3o	bcbm$_o$w
	Croydon ...	bmbc3o	bcc3oy	c3o	c3$_o$bc3o
	S. Farnborough	bFbc3o	bcy3o	cm$_o$	pr$_o$cbw
	Winchester ...	bc3o	bcb3$_o$bc	bccm$_o$	m$_o$bff
	Boscombe Down	bcmby3o	bc3oy	c3obm$_o$	bbcm$_o$w
	Calshot, S'thmtn	bwfbw	by	bcbwif	bifoffe
	Dungeness ...	bc	bc	*	o
	Lympne ...	b3oy	bbc3$_o$yc	cm$_o$	ccm$_o$
2	Shoeburyness	bcmb3o	bccm$_o$	cm$_o$	cm$_o$
	Felixstowe ...	bc3o	bcc3o	e3o	c3$_o$ofe
	Gorleston ...	c3o	c3o	cbm$_o$m$_o$	offe
	Cranwell ...	bfc3o	c3$_o$yc	c	bcoF
3	Birmingham ...	com	mcbc	bcm	bcfm
4	Upper Heyford	bcb3$_o$cy	c3oy	cbm$_o$	bm$_o$bf
	Ross-on-Wye ...	Fbmc3	cp$_o$bcc3	c3$_o$bcbm	bwmcm
5	Portland Bill...	acbc3o	bc3o	b3o	boo3o
	Plymouth ...	cm$_o$ab	b3o	b3o	bFE
	The Lizard ...	c	bc	bcbw	bbcwm
	Scilly (St. Mary's)	c	cbc	bccbc	bbcw
	Guernsey ...	beifb	bc3	bw	bwf
6	Pembroke ...	cm$_o$bc	bcm$_o$	cw	bcwb
7	Holyhead ...	bccpr$_o$	cbcc	bcbbcw	fcm$_o$
	Chester (Sealand)	ofbc3o	c3o	cm	bcffe
8	L'pool (Bidston)	oco	ocbc	m$_o$bcme	bcme
9	Harrogate ...	c	cbc	bcb	oFF
10	Spurn Head ...	f3c	c3	cbcdf	dFf
	Catterick ...	cpr$_o$	cbcy3$_o$	3obcbcf	oFe
	Tynemouth ...	cbc	bc	bcoff	offbcm$_o$
11	Inchkeith ...	c	c	c	ciff
	Leuchars ...	cwbcv	bcbbc	bcom	omcd$_o$d$_o$
12	Renfrew (Abbotts I.)	bc	bcyb	bbc	bccm$_o$
	Eskdalemuir ...	cm$_o$bc	bc	bcoFe	oFec
13A	Tiree	cifbc	bcifc	~~cid~~ d$_o$d$_o$	cdd
13B	Stornoway ...	cpr$_o$	c	cid$_o$	crrm$_o$
15	Dalwhinnie ...	bc	bc	"	c
	Aberdeen ...	bccoid$_o$m$_o$	od$_o$cm$_o$	om$_o$m	om$_o$r$_o$r$_o$
	Wick	c	c	c~~m~~pr$_o$c	cr$_o$m$_o$
16	Lerwick ...	c	c	c	orrd$_o$d$_o$m$_o$
17	Blacksod Point	cbc	id$_o$	pr$_o$c	pr$_o$c
18	Malin Head ...	cbc	bc2	cbc	bcc
	Aldergrove ...	cm$_o$	c3$_o$bc	bcc	cm$_o$w
	Donaghadee ...	c	cbc	bccm$_o$	cm$_o$
19	Birr Castle ...	oc	cprc	c	cw
20	Valentia Obsy.	cic$_o$id$_o$c	c	cbcw	bcwc
	Roches Point...	c	c	c	c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

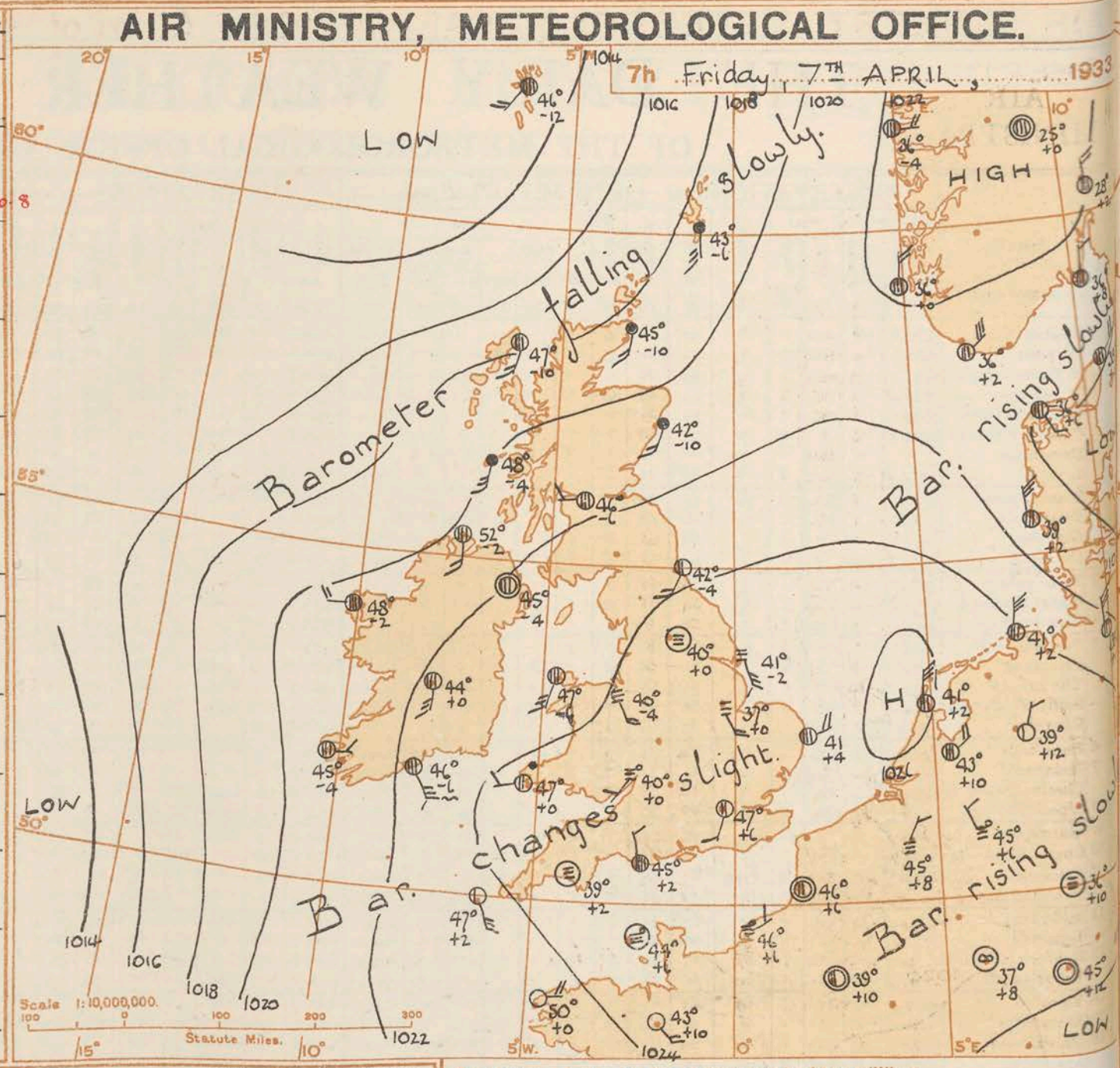
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 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 APRIL 1933.

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.	bbc	bbc	33	62	–	–	9.5	10.5
	Bournemouth	mb	b	35	56	–	–		8.4
	Ventnor ...	bf	bf	44	55	–	–	10.0	11.3
	Southsea ...	b	b	39	57	–	–	9.2	10.8
	Bognor Regis	b	b	42	53	–	–	9.3	~~9.3~~ 10.8
	Littlehampton	bcb	b	37	53	–	–	8.8	11.2
	Worthing ...	b	b	40	53	–	–	9.7	10.8
	Brighton ...	b	b	38	52	–	–	9.2	10.4
	Eastbourne†	b	b	37	55	–	–	9.1	11.0
	Hastings† ...	bzb	b	43	58	–	–	10.1	10.4
	Folkestone ...	b	bbcc	39	56	–	–	7.8	9.4
	Dover... ...	mb	bm	39	61	–	–	7.5	10.2
	Deal	b	bco	38	60	–	–	6.5	8.6
	Ramsgate ...	b	bbcc	43	57	–	–	7.4	9.8
	Margate ...	bc	bcc	43	~~60~~	–	–	6.7	10.8
2	Southend ...	czbcb	bccz	44	60	–	–	4.2	9.0
	Maldon ...	mbcb	c	40	61	–	–	2.6	8.6
	Clacton-on-Sea	cbcz	bccz	44	55	–	–	4.5	10.2
	Dovercourt ...	bc	bcc	40	60	–	–	4.0	8.2
	Lowestoft ...	bzbc	bcc	41	58	–	–	2.4	4.9
	Skegness ...	bcom.	om.	42	56	–	–	4.5	1.1
	Mablethorpe	bcc	cbcc	40	56	–	–	~~4.1~~	0.0
	Cleethorpes...	co	c	43	57	–	–	4.3	0.6
3	Leamington S.	bzc	coz	43	60	–	–	2.2	3.1
4	Cheltenham†	bmwbc	bcc	36	63	–	–	6.8	0.8
5	Bath	b	bbc	34	66	–	–	9.7	4.9
	Weymouth ...	mb	b	35	55	–	–	6.1	6.4
	Jersey ...	bcf	bcfbz	40	57	–	–	9.3	6.0
	Torquay ...	ombcb	b	37	51	–	–	6.4	8.4
	Penzance ...	bc	bcb	43	52	–	–	4.8	4.1
	St. Ives ...	bccoc	b	45	52	–	–	4.3	8.1
	Bude	cbcc	cbc	39	52	–	–	5.1	8.3
	Ilfracombe ...	bcb	bbc	41	53	–	–	7.6	7.1
6	Aberystwyth	ccm.	cmrbc	38	51	–	0.3	4.0	0.0
7	Llandudno ...	bccz	c	37	52	–	–	1.9	1.0
	Colwyn Bay...	mbcc	c	40	50	–	–	0.8	1.3
	Rhyl	bbcc	c	35	53	–	–	2.7	0.9
8	Wallasey ...	bczf	fbc	44	52	–	–	2.0	1.1
	Southport‖ ...	obc	bbcc	44	55	–	–	3.5	0.0
	Blackpool ...	oc	bcc	44	53	–	–	3.5	0.0
	Morecambe ...	cbbc	b	44	56	Trace	–	6.2	0.0
9	Ilkley	bc	bc	44	64	–	–	4.0	0.2
10	Berwick-on-T.	cbc	bc	44	53	–	–	5.2	0.2
11	Dunbar ...	bc	bc	44	55	–	–	6.4	1.1
12	Troon... ...	rbcfc	cbc	44	53	Trace	–	7.0	0.2
	Douglas ...	om.c	cbm.	43	52	–	–	4.0	0.7

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



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 7th April, 1933.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Light variable wind; fair; local mist or fog early morning; rather warm during day, perhaps slight ground frost locally early morning.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Light southerly or variable wind; fair; local mist or fog early morning; rather warm during day.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light south or southwest wind; cloudy; mild.
13. { A. W. Scotld. B. N.W. Scotland.	Light or moderate south or southwest wind; cloudy; occasional drizzle or rain; mild. Light or moderate southerly wind, veering; mild and cloudy with occasional drizzle at first, showers and cooler later.
14. Mid-Scotland	As 13A.
15. N.E. Scotland	As 13B.
16. Orkneys and Shetlands.	Light or moderate southerly wind; cloudy, perhaps local drizzle; mild.
17. N.W. Ireland	As 11 - 12.
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 17.

GENERAL INFERENCE.

An anticyclone covers Southern Britain and France. Pressure is low on the Atlantic and a trough of low pressure east of Iceland will move east. Except for occasional rain in South, and perhaps also in West Ireland, weather will continue fair.

FURTHER OUTLOOK.

Fair except in Scotland and perhaps West Ireland.

Forecasts issued at 1010 G.M.T.

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

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

Morning of
FRIDAY
7th APRIL
1933.

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).

Fe.754/3662 WLA7 .D.8001 Co.906 27308 4/33

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 7th April 1933.

No. 26069

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1025·4	+4	SW	1	C	49	75	6	4	~	~	9+	9+	7200
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot,(S'thmtn)	8	1025·4	0	~	0	lf	43	95	4	~	3	~	0	1	~
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1025·7	0	W	1	C	50	65	7	4	3	~	9	9+	7200
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	1025·5	+2	NE'N	1	3o	43	95	5	~	~	~	0	0	~
	Cranwell ...	240														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ..	32	1024·9	-4	SW	2	b	44	95	6	~	~	~	0	0	~
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	1025·1	0	ESE	1	b	44	95	7	~	~	~	0	0	~
	Scilly(St.Mary's)	163	1024·7	-4	SE	3	b	45	95	7	~	~	~	0	0	~
	Guernsey ...	175	1025·0	-4	~	0	b	44	95	6	~	~	~	0	0	~
6	Pembroke ...	142	1024·0	0	~	0	C	46	95	7	1	7	~	4·6	7·8	4000
7	Holyhead ...	26	1024·2	-8	~	0	lf	42	95	3	5	3	~	1	7·8	220
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1025·3	0	SE	3	df	43	95	1	5	~	~	10	10	<150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	1024·4	-2	S	2	of	45	95	2	6	~	~	10	10	1500
11	Inchkeith ...	190	1023·9	-4	NNE	1	C	43	95	7	5	~	7	4·6	7·8	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew(Abbotts D	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	84	1018·4	-12	~	0	id.	45	95	7	5	7	~	7·8	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1021·6	-16	SSE	3	C	43	95	8	5	1	~	7·8	10	2500
16	Lerwick ...	54	1022·6	-12	SSW	4	C	41	85	7	5	~	~	10	10	1500
17	Blacksod Point	18	1020·8	-4	S	3	C	49	95	8	5	~	~	9	9	~
18	Malin Head ...	52	1021·3	-6	~	0	bc	50	95	7	4	8	~	2·3	4·6	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1020·8	-2	S	S	b	47	85	9	~	4	~	0	1	~
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)...	1025.1	+6	~	0	b	48	85	5	5	8	~	Tr	1	5700	0	*
	Croydon ...	1025.3	+6	SSW	1	bc	47	75	6	~	3	~	0	2-3	~	0	*
	S. Farnborough	1025.3	+4	~	0	b	41	95	6	~	~	~	0	0	~	0	*
	Winchester ...	1026.3	+4	~	0	bf	36	95	3	~	3	~	0	1	~	0	*
	Boscombe Down	1025.2	+2	ESE	1	3o	45	95	5	~	3	~	0	7-8	~	0	*
	Calshot,(S'thmtn)	1025.3	+2	~	0	F	39	95	1	5	~	~	10	10	<150	0	0
	Dungeness ...	*	*	~	0	C	*	*	4	5	7	*	4-6	9+	800	*	1
	Lympne ...	1026.7	+2	NNE	1	C	49	85	7	5	3	~	1	9+	4000	0	*
2	Shoeburyness	1025.6	+6	E'N	3	C	48	95	5	5	~	~	9+	9+	2500	0	*
	Felixstowe ...	1025.9	+10	ENE	3	f	42	95	2	5	~	~	10	10	<150	1	2
	Gorleston ...	1025.7	+4	E'N	2	F-	41	95	2	5	~	~	10	10	450	0	1
	Cranwell ...	1025.1	0	SE	2	F	37	95	1	5	~	~	10	10	<150	1	*
3	Birmingham ...	1024.8	0	SSE	1	m	46	95	4	~	3	9	0	1	~	0	*
	Upper Heyford	1025.0	+4	SW	1	bf	45	95	2	~	3	~	0	Tr	~	0	*
4	Ross-on-Wye ...	1024.8	0	SW	1	m	40	95	4	5	~	~	9+	9+	5700	0	*
5	Portland Bill ..	1025.0	+2	NW	1	O	45	95	6	5	~	~	10	10	1500	0	2
	Plymouth ...	1024.7	+2	~	0	F	39	95	1	~	~	~	0	0	~	1	0
	The Lizard ...	1024.6	+2	E	1	C	46	95	7	8	7	~	4-6	7-8	2500	0	1
	Scilly(St.Mary's)	1023.9	+2	SE	3	b	47	95	6	5	~	~	1	1	1500	0	1
	Guernsey ...	1024.9	+6	~	0	b	44	95	4	~	~	~	0	0	~	0	1
6	Pembroke ...	1025.4	0	W	1	bc	47	95	5	1	~	~	2-3	2-3	4000	0	1
7	Holyhead ...	1022.9	-6	SSW	3	C	47	95	6	5	~	~	9+	9+	5700	0	0
	Chester (Sealand)	1024.0	-4	SE'E	2	bcf-	40	95	3	~	3	~	0	2-3	~	1	*
8	L'pool (Bidston)	1023.4	-6	SE'E	3	m	43	95	4	~	3	~	0	2-3	~	1	*
9	Harrogate ...	1024.9	0	~	0	F	40	95	1	5	~	~	10	10	<150	0	*
10	Spurn Head ...	1024.8	-2	SSE	4	oF	41	95	1	5	~	~	10	10	<150	0	3
	Catterick ...	1024.0	0	SE'S	2	F	39	95	1	5	~	~	10	10	<150	0	
	Tynemouth ...	1023.0	-4	SW	2	bc	42	95	5	4	~	~	4-6	4-6	4000	0	1
11	Inchkeith ...	1022.4	-8	N	1	oF	43	95	1	5	~	~	10	10	<150	0	1
	Leuchars ...	1021.4	-8	W	1	ld.	43	95	6	5	3	7	4-6	10	450	1	*
12	Renfrew(Abbotts D	1022.2	-6	W	1	C	46	95	6	5	2	~	9	10	1500	1	*
	Eskdalemuir ...	1023.2	-2	~	0	C	41	95	6	5	~	~	9+	9+	2500	1	*
13A	Tiree	1020.1	-4	S'W	3	dr	48	95	5	6	~	~	10	10	800	1	2
13B	Stornoway ...	1016.2	-10	SSW	2	c/r	47	95	7	5	7	~	7-8	10	800	1	0
15	Dalwhinnie ...	1020.1	-10	S	3	C	45	95	7	3	2	~	7-8	10	800	0	*
	Aberdeen ...	1020.3	-10	SSW	2	r.	42	95	6	6	2	~	7-8	10	2500	1	1
	Wick	1018.5	-10	SSW	2	r.	45	95	6	6	2	~	7-8	10	1500	1	2
16	Lerwick ...	1018.3	-6	S	3	d.	43	95	6	5	~	~	10	10	800	1	*
17	Blacksod Point	1020.5	-2	W	2	C	48	95	7	5	~	~	10	10	220	0	2
18	Malin Head ...	1019.9	-2	S	2	C	52	95	7	5	3	~	4-6	9+	1500	0	0
	Aldergrove ...	1022.2	-4	~	0	C	45	95	6	5	~	~	9+	9+	4000	1	*
	Donaghadee ...	1022.1	-6	SSW	1	C	46	95	6	5	~	~	9	9	1500	0	0
19	Birr Castle ...	1022.1	0	S	3	C	44	95	7	~	4	5	0	7-8	~	0	*
20	Valentia Obsy.†	1020.3	-4	E	1	C	45	85	8	7	9	9	2-3	7-8	4000	1	2
	Roches Point...	1022.4	-6	SE	4	C	46	95	8	3	~	~	7-8	7-8	1500	0	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 6th Hrs. (36)
1	London (Kew)...	63	47	39	~	~	7.8
	Croydon ...	64	47	42	~	~	7.3
	S. Farnborough	64	38	28	~	Tr	6.1
	Winchester ...	62	33	27	~	~	9.0
	Boscombe Down	62	37	32	~	~	9.5
	Calshot,(S'thmtn)	59	38	36	~	Tr	8.9
	Dungeness ...	56	44	*	~	~	*
	Lympne ...	60	47	39	~	~	8.4
2	Shoeburyness	61	45	42	~	~	4.7
	Felixstowe ...	58	40	37	~	~	3.9
	Gorleston ...	58	40	36	~	~	3.1
	Cranwell ...	61	34	33	~	~	3.8
3	Birmingham ...	60	43	29	~	~	1.1
	Upper Heyford	62	42	31	~	~	*
4	Ross-on-Wye ...	62	37	29	Tr	~	4.0
5	Portland Bill ..	51	41	*	~	~	*
	Plymouth ...	53	37	35	~	Tr	9.0
	The Lizard ...	52	44	*	~	Tr	*
	Scilly(St.Mary's)	53	45	*	~	0.1	6.7
	Guernsey ...	54	42	34	~	~	9.8
6	Pembroke ...	51	44	*	~	~	4.6
7	Holyhead ...	55	41	33	Tr	~	4.0
	Chester (Sealand)	61	35	32	~	Tr	3.5
8	L'pool (Bidston)	53	41	36	~	Tr	2.7
9	Harrogate ...	61	38	31	~	~	2.0
10	Spurn Head ...	56	39	*	~	Tr	4.4
	Catterick ...	62	35	29	Tr	~	2.8
	Tynemouth ...	58	41	37	~	~	*
11	Inchkeith ...	60	41	35	~	~	7.1
	Leuchars ...	59	41	41	~	0.3	6.5
12	Renfrew(Abbotts D	60	44	42	~	~	10.3
	Eskdalemuir ...	57	39	37	~	Tr	7.9
13A	Tiree	55	47	45	~	1	5.4
13B	Stornoway ...	53	45	*	Tr	4	0.4
15	Dalwhinnie ...	57	42	37	~	~	5.0
	Aberdeen ...	52	40	40	Tr	1	2.7
	Wick	48	43	*	~	2	*
16	Lerwick ...	42	39	*	~	1	1.5
17	Blacksod Point	57	48	*	Tr	0.4	*
18	Malin Head ...	52	48	*	~	Tr	5.4
	Aldergrove ...	59	43	36	~	~	4.4
	Donaghadee ...	55	42	*	~	~	*
19	Birr Castle ...	61	43	38	Tr	~	3.0
20	Valentia Obsy.†	56	45	39	Tr	~	0.7
	Roches Point...	52	45	*	~	~	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations, except Greenwich & Hampstead rainfall, 9h–18h.

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	b3o	byc3o	cbcmgW	63	47	39	~	~	7·8	*	*	6
Croydon	217	bmbc3o	bcc3oy	c3bc3o	64	47	42	~	~	7·3	*	*	6
Greenwich (Royal Observatory) ...	149	bc3oy	c3oy	cb3oy	67	46	36	~	~	5·9	56	57	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	2·8	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	64	48	42	~	~	4·9	50	54	*
‡Regents Pk. (Botanic Gardens) ...	163	*	*	*	64	49	41	~	~	4·7	56	59	*
Camden Square	110	bc	c	*	65	50	43	~	~	*	*	56	*
Kensington	80	bc	bc	*	64	49	42	~	~	6·3	At 18h	58	*
Hampstead Observatory	450	bm	bc	*	63	47	40	~	~	6·8	59	60	*

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

South Kensington.	Time.	Min.	Time.
Max. 1·0	8h-9h 6th	<0·3	14h-15h 6th

Kew Observatory.	Time.	Min.	Time.
Max. 0.6	9h 6th	0.1	15h 6th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 6th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 7th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1024.2	NE	2	b	59	1026.5	~	0	bc	39	63	36	~	~
Brussels	1024.4	NNW	3	bc	54	1025.6	NNE	1	F	45	59	39	~	~
Berlin	1017.9	NW'W	3	c/pr	50	1021.1	NW'W	2	3o	34	54	34	0.2	~
Zürich	1020.7	ESE	2	c	57	1022.8	ENE	1	3o	45	66	45	~	~
Rome	1016.5	WNW	2	c	63	1016.3	~	0	F	48	70	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	1-2	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 8, 22.—Code for surface visibility.
Objects not visible at

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

COLUMN 30.—Code for State of Sea.

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

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

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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 and Rainfall are for the 24 hours ending 9h.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 8th APRIL 1933.

No. 26070

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

District.	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)...	1024·3	-10	W	1	b	61	35	7	-	-	-	0	0	-
	Croydon ...	1024·0	-12	S'W	2	b	67	35	7	-	-	-	0	0	-
	S. Farnborough	1023·8	-10	SW'W	3	b	69	35	7	1	5	-	Tr.	1	4000
	Winchester ...	1024·2	-8	S	3	bc	64	45	7	-	3	-	0	2-3	-
	Boscombe Down	1024·3	-6	SSW	3	c	62	45	7	-	3	-	0	7-8	-
	Calshot, S'thmtn	1024·9	-2	SSW	3	bc	63	35	7	-	4	9	0	4-6	-
	Dungeness ...	*	*	SW	2	c	*	*	6	5	7	*	4-6	9	800
	Lympne ...	1025·4	-6	SSE	2	3o	56	65	6	-	3	-	0	1	-
2	Shoeburyness	1025·2	-6	ENE	3	bc	51	85	5	-	3	-	0	2-3	-
	Felixstowe ...	1025·9	-4	SE	3	m/f	46	95	4	5	-	-	10	10	220
	Gorleston ...	1025·3	-4	SSE	4	F	45	95	1	5	-	-	10	10	<150
	Cranwell ...	1023·0	-14	SW	2	3o	64	55	6	1	-	-	2-3	2-3	4000
3	Birmingham ...	1023·0	-4	WSW	2	bc	64	45	6	-	3	-	0	4-6	-
	Upper Heyford	1023·4	-10	SW	2	3o	66	45	6	-	3	-	0	4-6	-
4	Ross-on-Wye ...	1022·6	-6	WSW	3	3o	66	45	6	-	9	-	0	4-6	-
5	Portland Bill...	1025·1	+4	W	2	bc	49	35	6	4	-	-	1	4-6	2500
	Plymouth ...	1025·0	+2	SSW	3	b	53	85	7	-	-	-	0	0	-
	The Lizard ...	1024·7	+2	E	2	3o	54	85	7	5	-	-	2-3	2-3	1500
	Scilly (St. Mary's)	1024·2	+2	SE	3	bc	55	85	7	5	-	5	1	2-3	1500
	Guernsey ...	1025·0	+4	E	2	b	57	65	6	-	-	-	0	0	-
6	Pembroke ...	1024·4	-4	SSE	1	bc	52	85	6	7	4	1	1	2-3	5700
7	Holyhead ...	1022·9	-2	SSW	4	c	52	85	6	5	3	-	1	9+	450
	Chester (Sealand)	1023·0	-4	WNW	2	3o	59	65	6	-	3	-	0	2-3	-
8	L'pool (Bidston)	1023·2	-2	NW'W	2	bc	54	65	7	-	4	4	0	4-6	-
9	Harrogate ...	1022·2	-10	-	0	m	56	75	4	5	-	-	7-8	7-8	<150
10	Spurn Head ...	1022·8	-6	ESE	4	bc	49	85	6	5	1	8	2-3	4-6	1500
	Catterick ...	1021·3	-20	SSE	3	3o	58	75	5	5	4	2	2-3	9	4000
	Tynemouth ...	1021·3	-8	ENE	1	c/pr.	51	75	5	6	-	-	7-8	7-8	1500
11	Inchkeith ...	1020·8	-10	SW	2	3o	48	95	5	5	7	-	4-6	9+	1500
12	Leuchars ...	1020·1	-2	SW	2	ir.	54	85	7	5	7	-	7-8	10	1500
	Renfrew (Abbotts l)	1021·0	-6	WSW	3	c	55	65	7	-	7	-	0	7-8	-
	Eskdalemuir ...	1021·4	-8	SW'S	3	c/r	54	65	6	5	7	-	7-8	9+	2500
13A	Tiree	1020·2	0	SW'W	3	c	52	95	6	5	1	-	9+	10	220
13B	Stornoway ...	1016·1	0	W	3	c/pr	52	95	7	8	2	-	4-6	10	1500
15	Dalwhinnie ...	1020·1	0	SW	3	c	50	95	8	4	2	-	7-8	10	800
	Aberdeen ...	1018·5	-8	SSW	2	r.	52	85	6	6	7	-	7-8	9+	1500
	Wick	1017·1	-6	SSW	2	c	53	95	8	8	1	-	7-8	10	1500
16	Lerwick ...	1016·5	-12	S	3	o/d	44	95	6	5	-	-	10	10	450
17	Blacksod Point	1019·2	-2	S	1	bc	56	65	8	2	-	9	1	4-6	800
18	Malin Head ...	1019·9	0	SW'W	2	c	52	95	7	5	7	-	4-6	7-8	1500
	Aldergrove ...	1021·1	-6	S	1	c	57	75	6	1	4	7	Tr.	9+	4000
	Donaghadee ...	1021·4	-4	SE	2	c	53	85	7	8	3	-	4-6	7-8	1500
19	Birr Castle ...	1021·4	-6	S	2	c	59	55	8	-	-	7	0	10	-
20	Valentia Obsy.	1019·7	-6	S'E	5	c	55	75	8	7	-	1	9	9	2500
	Roches Point...	1021·5	-4	SE	3	bc	52	85	8	5	-	9	2-3	4-6	2500

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

District.	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)...	1022·4	-2	SW	3	bc	64	45	6	1	-	5	1	2-3	4000	0	*
	Croydon ...	1022·2	-4	S'W	3	bc	61	45	6	1	6	-	Tr.	2-3	4000	0	*
	S. Farnborough	1022·7	-2	SW'S	2	bc	62	45	7	5	4	-	2-3	2-3	7200	0	*
	Winchester ...	1023·2	-4	S	3	bc	58	65	7	-	3	-	0	4-6	-	0	*
	Boscombe Down	1022·9	-6	S'W	3	bc	61	55	6	-	4	-	0	4-6	-	0	*
	Calshot, S'thmtn	1023·6	-4	S'W	2	c	55	55	7	5	4	-	2-3	7-8	4000	0	1
	Dungeness ...	*	*	SW	2	bc	*	*	6	5	-	*	2-3	2-3	1500	*	1
	Lympne ...	1023·1	-2	SSE	2	bc	51	85	5	-	3	-	0	2-3	-	0	*
2	Shoeburyness	1022·6	-6	ESE	1	bc	54	85	5	-	7	1	0	2-3	-	0	*
	Felixstowe ...	1023·4	-10	E'S	1	f	45	95	2	5	-	-	10	10	<150	0	1
	Gorleston ...	1022·7	-16	S	3	m	45	85	4	5	-	-	4-6	4-6	800	0	2
	Cranwell ...	1020·7	-8	WSW	3	3o	63	65	6	4	3	-	7-8	9	4000	0	*
3	Birmingham ...	1021·7	-6	SSW	2	c	63	55	6	5	3	-	4-6	7-8	2500	0	*
	Upper Heyford	1022·2	-6	SW	1	c	62	55	7	-	3	8	0	9+	-	0	*
4	Ross-on-Wye ...	1021·8	-6	WSW	2	bc	63	35	8	-	-	9	0	2-3	-	0	*
5	Portland Bill...	1023·8	-12	NW	3	b	(49) 51	95	6	-	-	-	0	0	-	0	2
	Plymouth ...	1024·0	0	SSW	1	b	51	95	7	-	-	1	0	Tr.	-	0	1
	The Lizard ...	1023·9	+2	E	3	bc	52	85	7	7	4	-	2-3	4-6	2500	0	2
	Scilly (St. Mary's)	1023·1	-6	SSE	3	c	52	95	7	5	2	1	1	9	4000	0	1
	Guernsey ...	1023·7	-8	-	0	b	56	75	7	-	-	-	0	0	-	0	1
6	Pembroke ...	1021·9	-16	ESE	1	bc	51	75	6	5	-	-	2-3	2-3	4000	0	1
7	Holyhead ...	1021·5	-8	SSW	4	c	48	95	6	5	4	8	Tr.	7-8	800	0	1
	Chester (Sealand)	1021·9	-2	WNW	2	c	57	65	6	-	3	9	0	7-8	-	0	*
8	L'pool (Bidston)	1022·0	-2	NNW	1	bc	52	75	7	-	4	9	0	4-6	-	0	*
9	Harrogate ...	1021·1	0	SW	1	c	57	55	8	5	4	-	9	9+	4000	0	*
10	Spurn Head ...	1020·0	-10	SSE	1	3o	50	95	5	5	3	-	7-8	9	800	0	1
	Catterick ...	1020·3	-4	SW'W	3	c	58	45	7	5	-	-	7-8	7-8	4000	0	*
	Tynemouth ...	1020·0	-8	SW	1	c	54	85	5	5	-	-	7-8	7-8	1500	0	1
11	Inchkeith ...	1019·4	-4	W	3	c	56	75	6	5	7	-	7-8	9	1500	0	2
12	Leuchars ...	1018·5	-6	W	3	c	57	75	7	5	7	8	1	9	4000	1	*
	Renfrew (Abbotts l)	1019·1	-6	SW	2	c	55	75	7	-	3	-	0	9+	-	0	*
	Eskdalemuir ...	1020·0	-6	S'E	2	c	50	85	6	-	7	-	0	9	-	1	*
13A	Tiree	1019·5	-4	SSW	2	c	50	95	6	5	3	-	2-3	9+	220	0	2
13B	Stornoway ...	1015·7	+2	WSW	2	c	5[illegible]	95	8	8	6	-	7-8	10	1500	1	1
15	Dalwhinnie ...	1019·0	-2	S	2	c	50	85	8	3	2	-	4-6	9	2500	1	*
	Aberdeen ...	1017·5	-6	-	0	ir.	55	85	6	6	7	-	7-8	10	1500	1	1
	Wick	1016·5	-6	WSW	3	ir.	53	95	7	9	2	-	7-8	10	1500	1	2
16	Lerwick ...	1014·7	-6	W'S	3	F	45	95	1	5	-	-	10	10	<150	1	*
17	Blacksod Point	1018·2	-2	W	2	bc	54	85	8	-	4	-	0	4-6	-	0	2
18	Malin Head ...	1019·0	-6	E	1	3o	48	95	5	5	2	-	9	10	800	0	0
	Aldergrove ...	1019·4	-6	SW	2	c	58	55	8	-	9	8	0	7-8	-	0	*
	Donaghadee ...	1019·6	-6	SSW	1	c	55	75	7	8	3	-	4-6	7-8	1500	0	0
19	Birr Castle ...	1019·0	-14	S	1	c	61	55	8	-	-	8	0	9	-	0	*
20	Valentia Obsy.	1019·5	-2	S'E	4	c	53	85	8	8	3	-	7-8	9	1500	1	2
	Roches Point...	1020·8	-6	SE	3	c	50	95	8	5	-	-	9	9	2500	0	3

PAST 24 HOURS.

District.	Stations. (For heights see p. 4.)	Weather. 7h.–13h. 7th (37)	Weather. 13h.–18h. 7th (38)	Weather. 18h.–7h to 1h. 8th (39)	Weather. 1h.–7h. 8th (40)
1	London (Kew)...	b	by	ybc m.	bcbm.
	Croydon ...	bcb3. y	by	bc 3.	bcm bc 3.
	S. Farnborough	by	bbcy	bccbw	bwx
	Winchester ...	bf bc 3. y	cbcy	bcbm.	bm. w
	Boscombe Down	c 3. cy	cybcy	b	bm.
	Dungeness ...	ffebcm	bcy 3.	bcy bw	bwbcx
	Lympne ...	c	bc	*	bc
2	Shoeburyness	cb 3.	b 3. bcm.	b	bccpr
	Felixstowe ...	cm. bcm.	bbcm.	bcm.	cm.
	Gorleston ...	feom	omf	fc bcm.	bcmcpr 3.
	Cranwell ...	ff.	fobcm	bccm.	cm m.
3	Birmingham ...	ofby	bc 3. y	c	b
	Upper Heyford	mbbc	bcc	cb	b
4	Ross-on-Wye ...	fb 3. y	bc 3.	cy bc	bc 3. y
5	Portland Bill...	cmb 3. bc 3.	bcyc y	by	bm. x
	Plymouth ...	cbc 3.	bc 3. fbc	b	bf f bc
	The Lizard ...	bfecb	b	b bm.	bw
	Scilly (St. Mary's)	cffbc	fbcm.	bcc	cbc
	Guernsey ...	bifbc	bcc	co	oc
6	Pembroke ...	bif	b	bmbcw	bcw
7	Holyhead ...	bbcm. b	bm. fm.	bcbw	bbcewm. c
	Chester (Sealand)	cm.	cbcm.	bcb m.	bo m.
8	L'pool (Bidston)	fmcb 3.	cbc 3.	bcm.	bcxm
9	Harrogate ...	mpbc	bcc	bcb	wb
10	Spurn Head ...	fmobc	bcc	cbc	bcb
	Catterick ...	offbc	bcc 3	cbc	bccf
	Tynemouth ...	ofbc 3.	c 3. pr.	bcy bw	b
11	Inchkeith ...	bccmp.	cair. m.	cm. c	cbc
12	Leuchars ...	cffir.	ffc	c	c 3.
	Renfrew (Abbotts l)	cd. r. m jr.	c	cbcm.	bcw m.
	Eskdalemuir ...	cm. c	cbc	c	cb wf
13A	Tiree	cprc 3.	ccm.	cff	bFw
13B	Stornoway ...	omiRc	c	cf Fe	ffe
15	Dalwhinnie ...	crrpr	c	c	c
	Aberdeen ...	ir	c	*	bc
	Wick	crrm.	cr. 3.	cr. m.	cm.
16	Lerwick ...	r. m. c	cir.	circ	codd
17	Blacksod Point	od. d. m.	omFF	FFcm	cmé
18	Malin Head ...	bc	bc	pr. c	cjp
	Aldergrove ...	c 3	cF	f	fc
	Donaghadee ...	cm. 3.	c 3. cy	bcm.	bcwm.
19	Birr Castle ...	c	c	bc	bc
20	Valentia Obsy.	cy	cy	c	c
	Roches Point...	cbcc	c	coid. c	cid. 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.
"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.

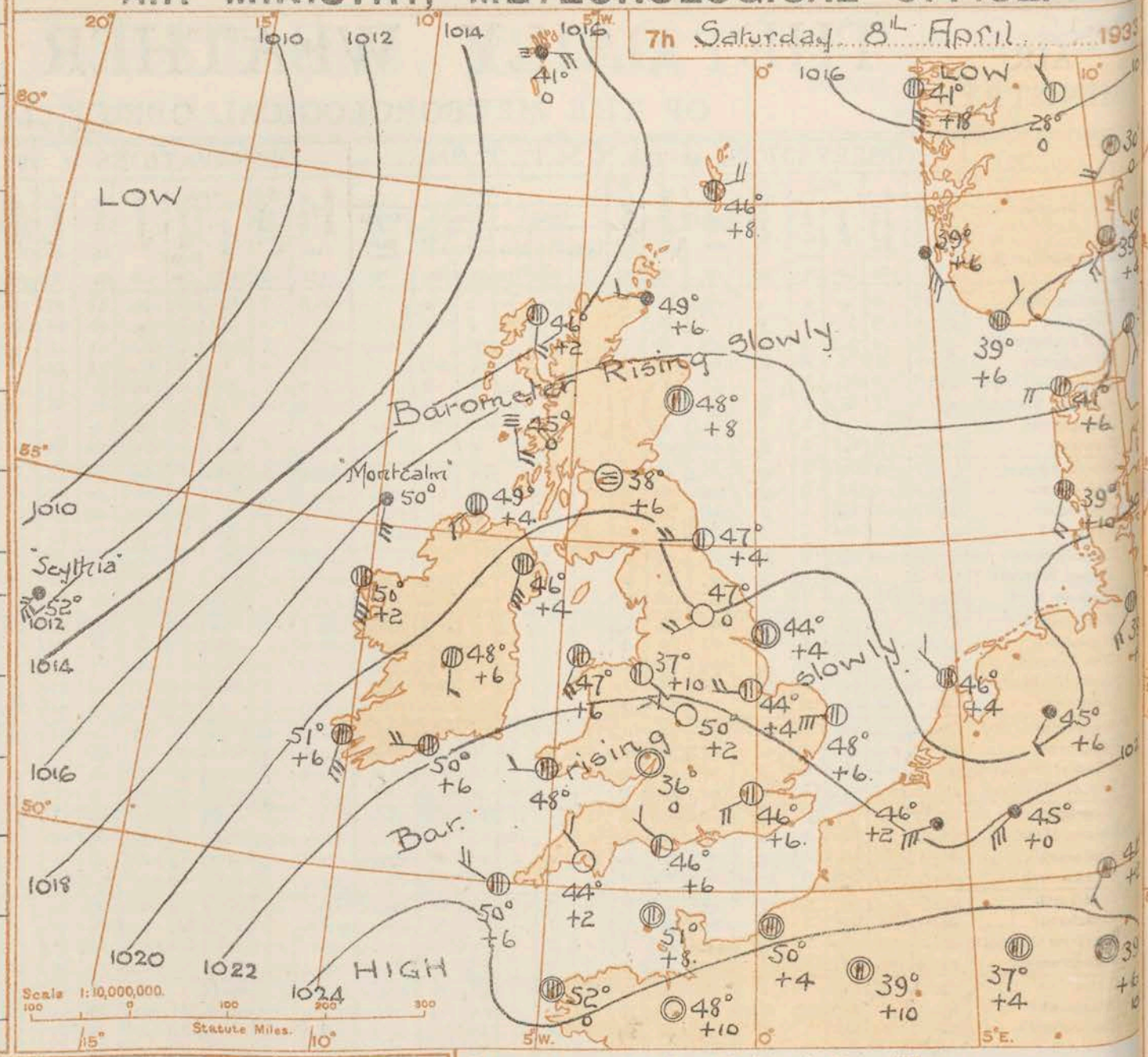
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 7th APRIL 1933.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 6h. to 9h. 7h.	Temperature. Max. 9h.—17h. 7h.	Rainfall. Night. 17h. 6h. to 9h. 7h.	Rainfall. Day. 9h.—17h. 7h.	Sunshine. Sunrise to 17h. 7h.	Sunshine. Sunrise to Sunset. 6h.
1	Tunbridge W.	b	b	45	67	-	-	9.2	9.5
	Bournemouth	mc	cb	36	61	-	-	4.8	8.4
	Ventnor ...	b3	b3bc	44	58	-	-	10.5	11.0
	Southsea ...	b	bbcc	40	63	-	-	8.6	9.4
	Bognor Regis	b	bbcb	42	56	-	-	10.4	9.8
	Littlehampton	b	bbc	39	56	-	-	9.4	10.1
	Worthing ...	b	b	42	58	-	-	10.1	10.3
	Brighton ...	b	b	43	58	-	-	10.1	9.8
	Eastbourne†	b	by	47	60	-	-	9.6	9.7
	Hastings‡ ...	cbcb	b	47	57	-	-	7.6	10.5
	Folkestone ...	cbcm	b	47	56	-	-	5.3	7.8
	Dover... ...	mc	mcbbc	47	56	-	-	4.2	7.5
	Deal	fo	b	45	57	-	-	5.0	6.5
	Ramsgate ...	om	obcm	44	52	-	-	3.3	7.4
	Margate ...	cbc	bc	44	55	-	-	5.6	6.7
2	Southend ...	cmbc	bcbm	44	56	Trace	-	5.9	4.2
	Maldon ...	mcb	b3	46	53	-	-	4.3	2.6
	Clacton-on-Sea	ogm	ogcm	44	47	-	-	0.0	4.5
	Dovercourt ...	ocf	ocf	41	47	-	-	0.0	4.0
	Lowestoft ...	ofebc	bccF	39	44	-	-	0.0	2.5
	Skegness ...	fobc	b	40	56	Trace	-	5.5	4.5
	Mablethorpe	bcm	bc	35	63	Trace	-	4.2	4.1
	Cleethorpes ...	wbec	co	37	66	0.1	-	4.5	4.5
3	Leamington S.	b3	bcc	39	68	-	-	6.5	2.2
4	Cheltenham†	mwbc	bcb	39	68	Trace	-	8.1	6.8
5	Bath	bbcc	cbcb	41	69	-	-	6.6	9.9
	Weymouth ...	mcb	b	37	58	-	-	6.3	7.2
	Jersey ...	b3	b3	42	66	-	-	10.7	10.7
	Torquay ...	ofw	bmb	41	58	-	-	7.8	7.1
	Penzance ...	ofcbc	b	39	53	-	-	6.3	5.2
	St. Ives ...	b	b	42	62	Trace	-	10.1	5.2
	Bude	wb	b	40	61	-	-	10.1	5.8
	Ilfracombe ...	b	b	43	59	-	-	10.2	7.6
6	Aberystwyth	cwbc	bcb	40	53	-	-	7.6	4.6
7	Llandudno ...	bbc	cbcb	40	62	-	-	6.5	1.9
	Colwyn Bay...	bcbbc	bcbcb	40	55	-	-	6.1	0.8
	Rhyl	cbcc	cbc	39	56	-	-	4.0	2.7
8	Wallasey ...	mbc	bc	40	55	-	-	5.1	2.0
	Southport‖ ...	oc	cbcc	36	59	-	-	4.9	3.5
	Blackpool ...	cbc	bcc	39	57	-	-	5.7	3.6
	Morecambe ...	3cbbc	b	38	57	-	-	7.0	6.4
9	Ilkley... ...	fbcb	bbcc	37	65	-	-	3.1	5.5
10	Berwick-on-T.	orc	co	40	60	Trace	Trace	0.7	5.4
11	Dunbar ...	omc	bc	40	58	0.3	-	0.5	6.4
12	Troon... ...	woc	cbcc	45	52	-	-	3.9	8.0
	Douglas ...	cmcb	cbbc	43	52	-	-	3.8	4.5

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 8th April, 1933.
1. S.E. England 2. E. England.. 3. E. Midlands 4. W. Midlands	Light westerly wind; fine or fair; local morning fog or mist; warm by day, chance of local ground frost in early morning.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N Midlands 10. N.E. England	Light or moderate west or southwest wind; fair; warm inland by day.
11. S.E. Scotland	Light or moderate southwest wind; fair or fine, perhaps occasional rain later; rather warm.
12. S.W. Scotland & Isle of Man	
13. A. W Scotld. B. N.W. Scotland	Light or moderate southwest or south wind, fresh locally; cloudy; occasional drizzle or rain; mild.
14. Mid-Scotland 15. N.E. Scotland	As 11 - 12.
16 Orkneys and Shetlands.	Light variable to moderate southerly wind; cloudy; occasional drizzle or rain; moderate temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light or moderate southerly wind; mainly cloudy; occasional drizzle or rain, chiefly in West; rather warm inland.

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

GENERAL INFERENCE.

An anticyclone centred over France covers the greater part of the British Isles while disturbances are moving northeast on the Atlantic. Apart from occasional drizzle or rain in Scotland and Ireland weather will continue fair or fine.

FURTHER OUTLOOK.

Rather unsettled in Ireland and Scotland fair in most other districts but perhaps more cloud in the Southeast.

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.

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

Morning of
SATURDAY
8th APRIL
1933.

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, 8th APRIL 1933.

No. 26070

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

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	10225	-4	WSW	2	c	48	85	6	-	3	-	0	7-8	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot,(S'thmtn)	8	10233	0	WSW	1	bc	46	85	8	-	-	1	0	2-3	-
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1023.1	-8	WSW	2	b	46	65	7	-	3	-	0	Tr.	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	10205	-8	W'S	3	c	50	85	5	5	-	-	10	10	2500
	Cranwell ...	240														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	10236	0	SW	1	b	47	95	7	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	10236	0	E	2	c	51	85	7	7	7	-	7-8	9+	2500
	Scilly(St.Mary's)	163	10235	0	W'S	3	0	49	95	6	5	-	-	10	10	1500
	Guernsey ...	175	10240	0	-	0	bc	49	75	6	7	1	-	4-6	4-6	4000
6	Pembroke ...	142	10226	-4	SSE	2	bc	48	95	6	5	4	-	1	2-3	4000
7	Holyhead ...	26	10207	-8	SSW	4	b	48	85	6	-	-	1	0	Tr.	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	10198	-4	WNW	4	bc	49	75	6	5	7	-	2-3	4-6	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	10193	-4	W	2	c	48	85	7	2	-	-	7-8	7-8	2500
11	Inchkeith ...	190	10191	0	WSW	2	c	48	85	6	5	-	-	9+	9+	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew(Abbotts D	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	10158	-4	SW	2	c	48	95	7	5	7	-	7-8	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	10165	0	W	1	c	49	95	8	9	1	-	4-6	9	1500
16	Lerwick ...	54	10152	0	W'S	2	m	46	95	4	5	-	-	10	10	220
17	Blacksod Point	18	10182	0	S	2	c	50	95	8	3	-	-	7-8	7-8	800
18	Malin Head ...	52	10181	-4	-	0	bf	43	95	2	-	-	-	0	0	-
	Aldergrove ...	288	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	10205	+2	WSW	2	old	51	95	7	5	-	-	10	10	2500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)...	1022.8	+6	SSW	2	bc	47	75	6	-	-	1	0	2-3	-	0	*
	Croydon ...	1022.8	+6	SW	2	bc	46	65	6	-	3	4	0	2-3	-	0	*
	S. Farnborough	1023.5	+6	WNW	1	b	41	85	6	-	4	-	0	Tr.	-	0	*
	Winchester ...	1023.2	+6	-	0	bc	36	95	5	-	-	1	0	2-3	-	0	*
	Boscombe Down	1023.5	+6	-	0	fg	40	65	7	-	-	2	0	2-3	-	0	*
	Calshot,(S'thmtn)	1023.2	+4	WNW	1	bc	44	75	5	-	4	1	0	4-6	-	0	0
	Dungeness ...	*	*	SW	2	c	*	*	5	5	-	*	9+	9+	800	*	2
	Lympne ...	1022.9	+4	NW'N	3	c	48	65	6	5	7	-	7-8	9+	5700	0	*
2	Shoeburyness	1022.2	+8	SW	1	c	50	85	5	5	-	-	7-8	7-8	4000	0	*
	Felixstowe ...	1021.5	+10	WSW	1	c	49	85	6	5	3	-	4-6	9	5700	1	1
	Gorleston ...	1020.9	+6	W	3	bc	48	85	5	(5)	7	-	4-6	4-6	150	0	2
	Cranwell ...	1021.8	+4	W	2	bc	44	75	7	-	-	2	0	2-3	-	0	*
3	Birmingham ...	1022.2	+2	WNW	1	b	50	55	7	-	-	1	0	1	-	0	*
	Upper Heyford	1023.0	+6	W	1	b	42	75	7	-	3	-	0	1	-	0	*
4	Ross-on-Wye ...	1022.8	0	-	0	b	36	85	6	-	-	9	0	1	-	0	*
5	Portland Bill...	1023.1	-6	NW	1	bc	46	95	7	4	4	1	2-3	4-6	2500	0	2
	Plymouth ...	1023.4	+2	NW	1	b	44	95	7	-	3	9	0	1	-	0	0
	The Lizard ...	1023.8	+4	WNW	1	bc	48	85	7	7	4	-	2-3	2-3	4000	0	2
	Scilly(St.Mary's)	1023.9	+6	W'N	2	c	50	95	7	5	-	-	9+	9+	4000	0	1
	Guernsey ...	1023.6	+8	-	0	bc	51	65	7	7	1	-	4-6	4-6	4000	0	1
6	Pembroke ...	1022.9	+6	W	1	c	48	95	6	5	-	-	10	10	2500	0	1
7	Holyhead ...	1021.3	+6	SSW	2	c	47	95	6	5	-	-	9+	9+	220	0	1
	Chester (Sealand)	1021.9	+10	SE'E	1	3o	37	85	6	5	-	-	1	1	4000	0	*
8	L'pool (Bidston)	1021.7	+6	WSW	2	b	46	85	6	-	-	-	0	0	-	0	*
9	Harrogate ...	1018.9	0	SW	2	b	47	75	6	-	-	9	0	1	-	1	*
10	Spurn Head ...	1020.5	+4	-	0	bc/f	44	85	4	5	3	8	2-3	4-6	800	0	1
	Catterick ...	1020.3	+8	S	1	b	47	65	7	-	4	9	0	1	-	0	*
	Tynemouth ...	1019.3	+4	W	2	bc	47	75	6	2	6	-	2-3	4-6	2500	0	1
11	Inchkeith ...	1019.1	+6	SW	2	3o	45	95	5	5	8	-	7-8	7-8	1500	0	1
	Leuchars ...	1018.2	+4	SW	2	3o	46	95	6	5	9	-	1	7-8	4000	0	*
12	Renfrew(Abbotts D	1019.5	+6	-	0	bf	38	95	2	-	-	-	0	0	-	0	*
	Eskdalemuir ...	1020.9	+6	SE	1	bF	37	95	1	-	-	-	0	0	-	1	*
13A	Tiree	1018.4	0	SSE	2	f	45	95	2	5	-	-	10	10	<150	1	1
13B	Stornoway ...	1015.4	+2	S	2	c	46	85	7	8	7	-	4-6	9+	1500	1	1
15	Dalwhinnie ...	1019.1	+2	-	0	bc	35	95	8	2	5	1	2-3	4-6	4000	1	*
	Aberdeen ...	1018.3	+8	-	0	c	48	95	6	5	7	-	2-3	10	4000	1	1
	Wick	1017.5	+6	W	1	dd	49	95	5	6	-	-	10	10	1500	1	1
16	Lerwick ...	1016.4	+8	E'N	2	c	46	95	8	5	7	-	4-6	7-8	1500	1	*
17	Blacksod Point	1018.9	+2	S	3	jp	50	95	7	3	-	-	7-8	7-8	450	0	2
18	Malin Head ...	1018.1	+4	SW	1	c	49	95	7	5	7	-	9	9+	1500	0	0
	Aldergrove ...	1020.1	+4	SSW	3	c	46	95	6	5	-	-	9	9	5700	0	*
	Donaghadee ...	1019.4	+8	W	2	bc	45	95	7	8	3	-	4-6	4-6	1500	0	1
19	Birr Castle ...	1020.1	+6	S	1	c	48	95	8	5	-	-	9+	9+	2500	0	*
20	Valentia Obsy.†	1021.2	+4	SSW	3	c	51	95	8	5	-	-	10	10	1500	1	2
	Roches Point...	1021.7	+6	W	2	c	50	95	8	5	-	-	7-8	7-8	2500	1	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 7th Ern. (36)
1	London (Kew)...	61	44	29	-	-	10.4
	Croydon ...	69	44	36	-	-	10.3
	S. Farnborough	69	35	22	-	-	10.2
	Winchester ...	66	32	25	-	-	7.8
	Boscombe Down	64	37	27	-	-	8.5
	Calshot,(S'thmtn)	63	38	31	-	-	8.4
	Dungeness ...	55	46	*	-	Tr.	*
	Lympne ...	59	45	33	-	Tr.	6.6
2	Shoeburyness	54	43	35	-	-	5.0
	Felixstowe ...	46	42	35	-	0.3	0.0
	Gorleston ...	47	44	44	-	-	2.6
	Cranwell ...	61	41	37	Tr.	-	7.5
3	Birmingham ...	66	45	24	-	-	6.9
	Upper Heyford	68	37	24	-	-	*
4	Ross-on-Wye ...	68	32	21	-	-	8.8
5	Portland Bill...	51	42	*	-	-	*
	Plymouth ...	55	42	33	-	Tr.	8.1
	The Lizard ...	56	48	*	-	-	*
	Scilly(St.Mary's)	56	48	*	-	-	9.7
	Guernsey ...	61	44	36	-	-	12.0
6	Pembroke ...	52	46	*	Tr.	-	11.0
7	Holyhead ...	53	45	40	-	-	4.8
	Chester (Sealand)	62	34	27	-	-	4.4
8	L'pool (Bidston)	55	45	40	Tr.	-	6.2
9	Harrogate ...	62	40	31	-	-	1.5
10	Spurn Head ...	51	43	*	-	-	2.7
	Catterick ...	61	39	32	Tr.	-	2.1
	Tynemouth ...	58	46	39	0.2	-	*
11	Inchkeith ...	58	45	42	Tr.	-	0.5
	Leuchars ...	61	45	40	1	-	0.6
12	Renfrew(Abbotts D	59	36	34	-	-	3.9
	Eskdalemuir ...	57	36	35	Tr.	-	1.0
13A	Tiree	52	43	42	1	0.2	0.0
13B	Stornoway ...	53	44	*	2	0.3	0.0
15	Dalwhinnie ...	53	32	22	2	-	0.0
	Aberdeen ...	57	46	44	3	Tr.	0.0
	Wick	54	46	*	2	1	*
16	Lerwick ...	45	44	*	1	Tr.	0.0
17	Blacksod Point	58	48	*	-	Tr.	*
18	Malin Head ...	55	41	*	-	-	0.8
	Aldergrove ...	63	42	37	-	-	4.4
	Donaghadee ...	58	40	*	-	-	*
19	Birr Castle ...	62	47	31	-	-	6.1
20	Valentia Obsy.†	57	50	48	-	0.2	4.2
	Roches Point...	53	49	*	-	1	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations, except Greenwich & Hampstead rainfall, 9h–18h.

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
KEW	18	b	by	ybcm bm	67	44	29	-	-	10.4	*	-*	6
CROYDON	217	bc b3o y	by	bc3o bc3o	69	44	36	-	-	10.3	*	*	6
GREENWICH (Royal Observatory) ...	149	b3o y	bc b3o y	bc b3o y	72	45	34	-	-	8.3	36	44	5
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	7.3	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	69	43	37	-		8.6	31	46	*
‡REGENTS PK. (Botanic Gardens) ...	138	*	*	*	69	46	31	-		8.7	51	60	*
CAMDEN SQUARE	110	b	b	*	71	46	36	-	-	*	*	52	*
KENSINGTON	80	b3o y	by	*	69	47	38	-	-	9.2	At 18h. 43	52	*
RAMPSTEAD OBSERVATORY	450	bm	bm	bc	68	43	31	-	-	8.9	*	48	*

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

SOUTH KENSINGTON.			
Max.	Time.	Min.	Time.
0.6	20-21h 7th	Nil	13-16h. 7th

KEW OBSERVATORY.			
Max.	Time.	Min.	Time.
0.3	20h 7th	0.1	16h. 7th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 7th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 8th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
PARIS	1023.5	NW	1	3o	61	1024.1	-	0	m	39
BRUSSELS	1023.8	-	0	bc	52	1021.9	WSW	3	r or o	46
BERLIN	1019.6	WNW	3	c	45	1020.9	W'N	1	3o	37
ZÜRICH	1021.8	E	1	bc	55	1022.8	N	1	3o	41
ROME	1020.6	E	4	0	55					

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
64	37	-	-
59	43	-	0.6
50	34	-	-
63	39	-	-
64		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.

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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 and Rainfall are for the 24 hours ending 9h

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 9th April 1933.

No. 26071.

District.	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 8th April														OBSERVATIONS at 18h. G.M.T. 8th April														PAST 24 HOURS. WEATHER.			
		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	7h.–13h. 8th	13h.–18h. 8th	18h. 8th to 1h. 9th	1h.–7h. 9th
		(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)	1022.4	-6	WSW	3	b	65	55	8	–	–	–	0	0	–	1021.2	-4	WN	3	b	65	45	8	–	8	–	0	Tr	–	0	*	by	by	bm₀	bcm₀w
	Croydon	1022.1	-6	SWW	2	b	68	25	8	–	–	–	0	0	–	1021.2	-4	SWW	3	b	65	35	7	–	–	9	0	Tr	–	0	*	bcbz₀y	by	bz₀b	bcm₀w
	S. Farnborough	1022.3	-6	W	4	b	69	35	8	–	–	–	0	0	–	1021.5	0	W	2	b	63	45	7	–	8	–	0	1	–	0	*	bm₀by	by	b bw	b bcx
	Winchester	1022.6	-6	WSW	3	b	67	36	8	–	–	–	0	0	–	1022.1	+4	W'S	3	bc	60	65	7	1	–	6	1	2-3	4000	0	*	by	by	b	bcm₀
	Boscombe Down	1022.4	-2	WSW	2	b	66	45	7	–	–	–	0	0	–	1022.4	+4	WNW	3	bc	58	75	7	–	–	6	0	2-3	–	0	*	bm₀by	byb	b	bcw
	Calshot, S'thmtn	1023.2	-2	S'W	4	b	61	55	8	–	–	–	0	0	–	1022.6	-1	SSW	3	b	54	75	6	–	3	5	0	1	–	0	1	b	bybm₀		bwbc
	Dungeness	*	*	SW	2	b	*	*	6	5	–	*	1	1	250 0	*	*	SW	3	bc	*	*	6	4	5	*	2-3	4-6	2500	*	2	bc	bc	*	f-3
	Lympne	1022.6	-2	SSE	2	b	65	35	7	–	–	–	0	0	–	1021.9	+2	SW	3	b	60	45	8	–	–	9	0	1	–	0	*	bcby	by	b	b bm
2	Shoeburyness	1022.3	-4	SE'S	2	b	65	45	6	–	–	–	0	0	–	1021.1	-12	W	1	b	62	45	7	–	5	–	0	Tr	–	0	*	cm₀bz₀y	bz₀by	b bw	bcbmw
	Felixstowe	1021.9	-6	W'S	2	b	68	25	8	–	–	9	0	1	–	1020.9	0	SW	2	b	57	45	7	–	–	–	0	0	–	0	1	bcyby	by	by	bbcc3₀w
	Gorleston	1021.6	+4	SSE	1	bc	58	75	6	5	–	4	2-3	2-3	1500	1020.3	-6	SE'E	1	b	51	75	6	–	–	–	0	0	–	0	1	bcm₀bc	bcbz₀	bz₀z₀	bbc3₀3₀
	Cranwell	1021.1	-4	WSW	3	3₀	65	45	6	–	–	–	0	0	–	1020.4	+2	NW'N	2	3₀	59	65	6	1	–	1	Tr	1	4000	0	*	bz₀y	bz₀y	bz₀c	c
3	Birmingham	1021.5	0	W	2	b	63	45	8	–	–	–	0	0	–	1021.7	+2	WNW	3	bc	53	65	8	1	–	1	1	2-3	4000	0	*	b	b	b	bbcc
	Upper Heyford	1022.0	-4	SW'S	2	b	66	45	7	–	–	–	0	0	–	1021.7	-2	WNW	2	3₀	60	63	6	1	–	5	2-3	2-3	2500	0	*	by	byz₀	bz₀	bbccw
4	Ross-on-Wye	1021.9	+4	NNW	3	bc	61	65	8	1	–	1	2-3	2-3	4000	1021.9	0	NNW	2	bc	59	55	8	4	–	1	2-3	2-3	4000	0	*	b	bcy	bcbbc	bcc
5	Portland Bill	1024.8	+2	WSW	1	b	54	86	6	–	–	–	0	0	–	1022.9	-4	SW	1	c	50	95	6	5	4	–	4-6	7-8	1500	0	2	bcbz₀	bbcc3₀	c	c
	Plymouth	1024.1	+2	NNW	3	bc	55	85	7	5	–	1	4-6	4-6	1500	1023.7	+2	WNW	4	bc	56	65	9	7	3	4	Tr	2-3	4000	0	2	bwm₀bcc	bccbv	bvbcb	b oidm
	The Lizard	1025.0	+4	SSW	2	c	56	75	8	4	6	–	4-6	7-8	2500	1024.3	-2	WSW	2	c	51	85	8	8	6	–	7-8	9+	2500	0	1	bcc	c	cbcw	f pd₀c
	Scilly (St. Mary's)	1025.4	+10	W'N	2	c	53	95	8	5	–	–	9+	9+	4000	1024.9	-4	WSW	2	c	53	95	8	5	–	–	9+	9+	4000	0	1	c	c	cbccw	cid₀
	Guernsey	1024.6	+4	W	2	3₀	55	85	5	7	1	8	2-3	4-6	4000	1023.9	0	WNW	3	b	52	85	6	–	–	–	0	0	–	0	2	bcc3₀	bz	oc	cbcb
6	Pembroke	1024.3	0	W	1	m	50	95	4	5	–	–	10	10	<150	1022.8	-4	SW	2	c	50	95	7	5	–	–	9+	9+	2500	0	1	ym₀Fec	efcc	cm₀c	cfid₀m₀
7	Holyhead	1022.3	+2	SSW	4	c	50	95	5	5	–	–	10	10	220	1021.6	-6	SSW	3	beff	47	95	7	5	4	8	1	4-6	5700	0	1	cm₀	cbcef	bcc	cqorm₀
	Chester (Sealand)	1022.4	+4	NWW	4	c	55	75	6	5	–	–	9	9	4000	1021.9	-4	WNW	2	bc	54	85	6	4	–	6	2-3	4-6	4000	0	*	bz₀c	bc	bc	c
8	L'pool (Bidston)	1022.2	+6	WNW	3	bc	53	75	6	1	–	–	2-3	2-3	4000	1021.7	-2	W'N	1	bc	52	85	7	5	–	3	2-3	4-6	5700	0	*	b	bcbbc	bcb bc	bcc v
9	Harrogate	1020.5	0	WSW	3	b	58	65	7	–	–	–	0	0	–	1021.3	0	WSW	2	bc	51	85	8	–	–	1	0	2-3	–	0	*	b	b	pbcc	cir₀
10	Spurn Head	1019.8	-4	W	4	3₀	60	65	5	5	1	–	2-3	4-6	800	1019.4	-4	NW	6	c	52	85	6	5	7	–	4-6	7-8	800	0	4	mbcz	zbcc	bccsw	3 bcc
	Catterick	1019.1	-6	SW	4	b	63	55	7	–	–	–	0	0	–	1020.1	+6	WSW	3	bc	53	75	7	4	–	6	Tr	4-6	4000	0	*	by	byb	bw bc	bccr₀
	Tynemouth	1019.1	0	W	2	b	62	55	7	–	–	–	0	0	–	1018.7	0	W	3	bc	58	75	7	2	–	1	2-3	4-6	2500	0	1	bcb	bbc	bc	bco
11	Inchkeith	1018.5	-6	W	2	3₀	56	65	5	5	4	–	4-6	7-8	1500	1018.2	-2	W	2	c	53	75	7	8	3	6	4-6	9+	2500	0	1	cbcz₀z₀	cz₀	c	cir
12	Renfrew (Abbotts l)	1017.8	-2	W	3	bc	60	55	8	1	6	–	4-6	4-6	4000	1017.5	-2	W	3	c	55	75	8	2	4	6	1	9	4000	0	*	bcwm₀	bcyc	cbcc	crr pr
	Eskdalemuir	1019.2	0	W'N	2	c	55	75	6	8	7	–	9	10	2500	1018.1	-10	SW'W	2	c	54	75	7	5	–	–	9	9	4000	0	*	b'bcc	cz₀cbc	~~ckmr~~	omrr
		1020.4	+2	SW	3	c	49	85	7	5	–	–	9+	9+	800	1019.4	-8	SWW	3	c	49	85	6	5	–	2	2-3	7-8	220	1	*	bcf	cbcc	c cr₀	crr
13A	Tiree	1018.1	0	SSW	5	c	53	85	8	8	3	–	4-6	9+	2500	1015.6	-18	S'E	4	c	51	85	8	5	2	8	2-3	9+	1500	0	3	ffc	c	cRR	RRc
13B	Stornoway	1014.6	-4	S	3	c/d	47	95	6	5	2	–	7-8	10	800	1010.9	-20	S	4	id₀	48	95	7	5	7	–	7-8	10	800	1	2	cpr₀	cid₀	cprrm	cpr
15	Dalwhinnie	1018.0	0	S	2	c	54	65	8	4	4	–	4-6	7-8	2500	.	-6	S	3	c	49	75	8	4	2	–	7-8	10	2500	0	*	bc	c	*	rr
	Aberdeen	1018.1	-2	ESE	3	c	53	85	6	8	–	–	7-8	7-8	4000	1018.7	-12	E	1	c	49	85	6	5	–	–	9	9	4000	1	1	cm₀z₀	cbbcc	cbcm₀	cpr
	Wick	1017.5	+6	SE	1	c	47	95	7	8	7	8	7-8	9	2500	1014.4	-16	SSW	3	c	47	95	8	8	1	8	7-8	9	1500	1	2	od₀m₀c	c	crsrc	ir₀ rr
16	Lerwick	1017.4	0	S'E	2	c	48	95	8	5	8	–	7-8	9	1500	1014.9	+10	SSE	3	F	45	95	1	5	–	–	10	10	220	1	*	c	cFFd₀	FFe	Fforrm₀
17	Blacksod Point	1018.0	-2	S	4	c	54	85	8	5	4	–	7-8	7-8	800	1015.2	-18	S	5	4	51	95	7	8	–	–	10	10	220	0	5	prc	ir₀q	ir₀q	PR c
18	Malin Head	1018.3	0	W'S	2	r	53	85	8	8	2	–	9	9+	1500	1015.8	-16	WSW	1	r	54	85	8	8	2	–	9	9+	1500	0	0	c	cpr₀	cir	cir
	Aldergrove	1020.4	-2	WSW	3	c	56	65	8	8	–	1	9+	9+	1500	1018.7	-10	SW'S	2	c	56	65	9	6	–	3	4-6	7-8	1500	0	*	od₀m₀c	cv	c	cr₀ rr
	Donaghadee	1020.6	0	W	1	bc	58	65	8	5	3	–	2-3	4-6	2500	1020.0	-2	W	2	bc	54	75	8	1	3	6	2-3	4-6	4000	0	1	bc	bc	bcc	cpr c
19	Birr Castle	1021.3	0	WSW	3	c	59	65	8	5	–	–	9+	9+	2500	1019.2	-12	WSW	2	c	58	65	8	5	–	–	9+	9+	2500	0	*	c	c	c	c
20	Valentia Obsy.	1021.4	-2	S	4	c	56	85	8	5	–	–	9+	9+	800	1020.5	-6	S	4	c	53	95	8	5	–	–	10	10	800	1	2	cidc	c	co	oid₀c
	Roches Point	1022.7	+6	SW	3	bc	53	85	8	3	–	–	4-6	4-6	2500	1020.8	-6	SW	3	c	51	95	8	3	–	–	7-8	7-8	1500	0	3	cbc	bcpc	coffe	ofeoid₀

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, " less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s₀, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s₀/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus.
R, heavy rain. r_0, slight rain.
rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☽ lunar halo. ⚡ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

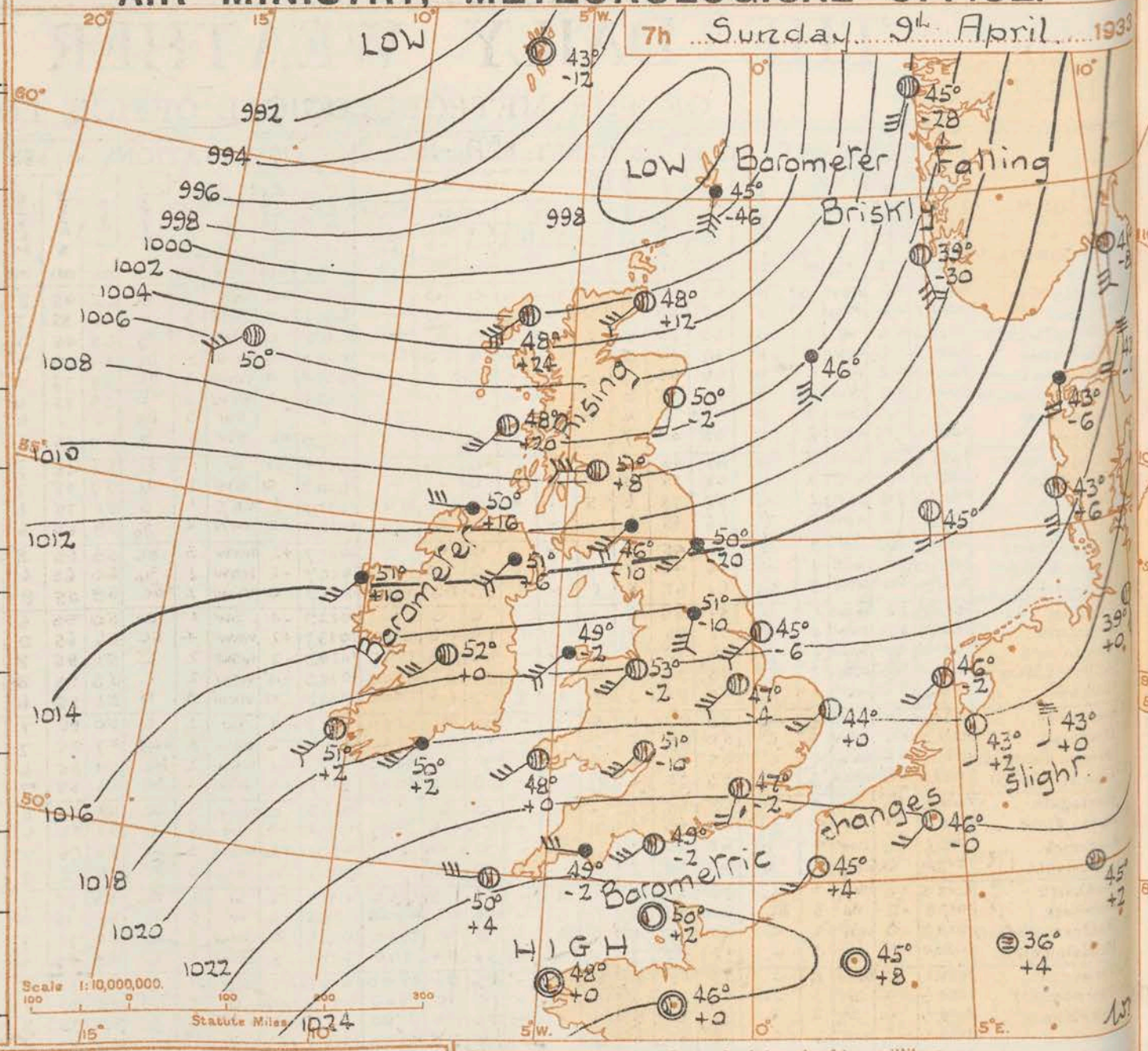
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 8th APRIL 1933.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 7th to 9h. 8th	Temperature. Max. 9h.—17h. 8th	Rainfall. Night. 17h. 7th to 9h. 8th	Rainfall. Day. 9h.—17h. 8th	Sunshine. Sunrise to 17h. 8th	Sunshine. Sunrise to Sunset. 7th
1	Tunbridge W.	b	b	41	71	–	–	10.3	9.7
	Bournemouth	b	b	40	66	–	–	11.0	6.1
	Ventnor ...	bfz	bfz	47	65	–	–	11.1	11.6
	Southsea ...	b	b	43	63	–	–	10.9	8.8
	Bognor Regis	b	b	43	63	–	–	11.0	11.1
	Littlehampton	b	b	40	61	–	–	11.1	10.8
	Worthing ...	b	b	43	62	–	–	10.8	11.1
	Brighton ...	b	b	44	61	–	–	10.4	11.0
	Eastbourne†	b	by	49	65	–	–	9.8	10.6
	Hastings† ...	b	b	47	65	–	–	9.4	8.2
	Folkestone ...	cbcb	b	46	65	Tr	–	7.5	5.4
	Dover... ...	mbc	bcb	45	62	2	–	8.3	5.2
	Deal	opb	b	46	66	–	2	8.0	5.2
	Ramsgate ...	bcb	b	45	67	1	–	7.9	3.3
	Margate ...	bc	b	44	65	1	–	7.8	5.6
2	Southend ...	bm	b	49	69	–	–	9.2	5.9
	Maldon ...	mb	b	43	70	–	–	9.5	4.3
	Clacton-on-Sea	cp bc	bcbz	44	66	Tr	–	8.6	0.0
	Dovercourt ...	ocfbc	b	44	71	–	–	8.2	0.0
	Lowestoft ...	b	bcb	42	64	–	–	8.7	0.0
	Skegness ...	b	b	42	68	–	–	10.9	5.5
	Mablethorpe	b	b	39	68	–	–	10.6	4.2
	Cleethorpes...	by	b	42	69	–	–	10.2	4.5
3	Leamington S.	bz	b	34	66	–	–	10.7	6.5
4	Cheltenham†	bwb	bbzo	36	63	–	–	10.6	8.8
5	Bath	b	b	34	62	–	–	10.8	7.9
	Weymouth ...	b	b	38	60	–	–	10.5	7.2
	Jersey ...	b	b	45	59	–	–	10.0	11.8
	Torquay ...	bcmb	bc	40	57	–	–	10.4	8.8
	Penzance ...	ocbc	cbc	46	59	–	–	1.4	6.3
	St. Ives ...	o	c	47	57	–	–	0.5	10.6
	Bude	ob	bbc	45	54	–	Tr	1.7	11.4
	Ilfracombe ...	oc	c	49	54	–	–	0.3	11.6
6	Aberystwyth	bbcc	com	41	53	–	–	0.1	9.1
7	Llandudno ...	b	b	41	58	–	–	9.8	7.7
	Colwyn Bay...	bbc	cbc	41	60	–	–	8.6	7.4
	Rhyl	bbcc	cbc	41	56	–	–	7.3	4.8
8	Wallasey ...	b	bbcb	42	55	–	–	7.5	5.7
	Southport‖ ...	bc	c	40	57	–	–	7.5	5.1
	Blackpool ...	com	omc	40	54	–	–	1.7	6.0
	Morecambe ...	c	c	37	50	–	–	0.0	7.4
9	Ilkley... ...	b	b	35	59	–	–	6.8	3.1
10	Berwick-on-T.	b	bc	44	63	–	–	9.6	0.7
11	Dunbar ...	bcm	bc	45	62	–	–	8.8	0.5
12	Troon... ...	wbc	bcc	41	53	–	–	5.5	4.9
	Douglas ...	xcbbc	cbbc	40	55	–	–	9.6	4.4

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 9th April, 1933.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Light westerly winds; fair; rather warm.
5. S.W. England 6. South Wales	Light or moderate southwesterly winds; cloudy, occasional showers; mild.
7. North Wales 8. N.W. England 9. N Midlands 10. N.E England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Moderate southwest to west winds; mainly cloudy, occasional rain or showers; mild.
13. A. W Scotld. ▼ 13. B. N.W. Scotland ▼ 14. Mid-Scotland 15. N.E. Scotland ▼ 16. Orkneys and Shetlands. ▼	Fresh or strong southwest to west winds; mainly cloudy, showers; mild.
17. N.W. Ireland ▼ 18. N.E. Ireland ▼	As 7 - 12.
19. S.E. Ireland 20. S.W. Ireland	As 5 - 6.

R.T.B.

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
WEATHER SYMBOLS :— ◯ Clear sky. ◔ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◕ Sky 5/10 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet
≡ Fog ≡ Mist. T Thunder. K Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the tempera

GENERAL INFERENCE.

Pressure is low over Iceland and the North Atlantic, and small secondaries are moving Northeast along our northwestern coasts. Weather will be unsettled over most of the country except in the Southeast

FURTHER OUTLOOK.

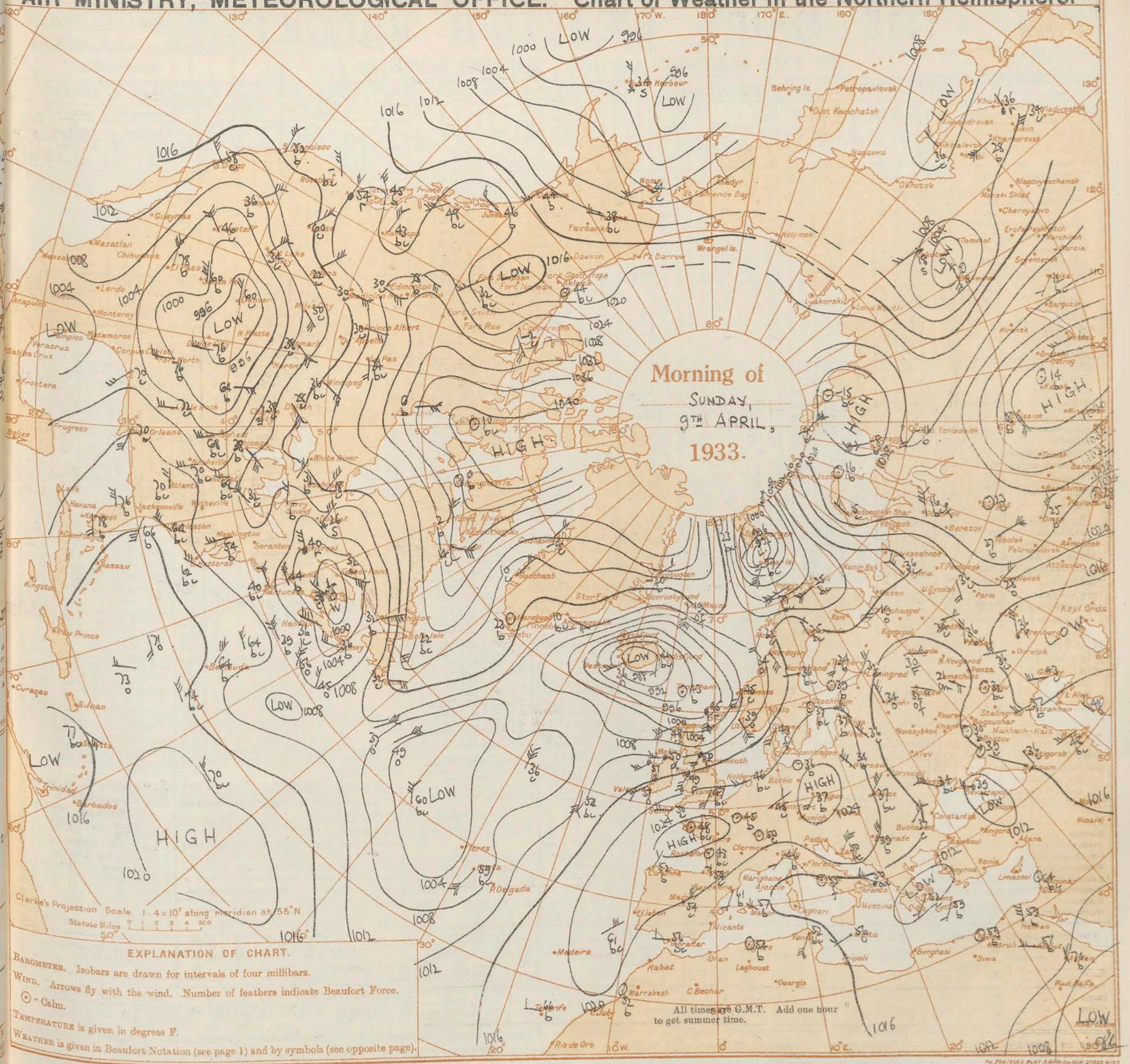
Unsettled except perhaps in the Southeast.

Time of issue of Gale Warnings.
▼ South cone at 0150 on 9th in Districts 13A, 13B, 15 - 18.

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

Forecasts issued at 1200 G.M.T.

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

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

Pc.754/2582.Pl.47.5.600.6p.504.27806.4/33.

Page 4.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 9th April, 1933.

No. 26071

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

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	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croyden ...	217	10222	-2	W'S	1	b	47	95	7	-	-	1	0	Tr.	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot,(S'thmtn)	8														
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	10223	-6	NNW	3	b	48	75	7	-	-	-	0	0	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	10201	-2	WNW	2	b	47	95	6	-	-	-	0	0	-
	Cranwell ...	240														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	10236	+4	SW	2	c	48	95	7	4	4	-	4-6	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	10247	-2	W'S	3	bc	49	95	8	7	4	-	1	2-3	4000
	Scilly(St.Mary's)	163	10244	-8	SWW	3	c	49	95	7	5	-	-	3+	3+	2500
	Guernsey ...	175	10220	0	-	0	c	49	86	7	7	-	-	7-8	7-8	4000
6	Pembroke ...	142	10218	-8	SW	3	c	48	95	6	5	-	-	10	10	2500
7	Holyhead ...	26	10131	-16	SSW	4	c	48	95	6	5	3	-	4-6	3+	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	10195	+2	W'S	2	3o	46	95	5	5	1	8	2-3	7-8	800
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	10178	-12	W	2	bc	49	85	6	2	6	-	4-6	4-6	2500
11	Inchkeith ...	190	10135	-30	SSW	4	c	51	75	8	5	1	-	4-6	10	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew(Abbotts D	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	10000	-60	SSW	8	ir	43	95	5	5	-	-	10	10	800
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	10075	-44	S	5	c	47	85	7	8	2	-	7-8	10	1500
16	Lerwick ...	54	10060	-20	SSW	4	F+	44	95	1	5	-	-	10	10	4150
17	Blacksod Point	18	10120	-14	SW	8	ir	48	95	7	9	-	-	10	10	4150
18	Malin Head ...	52	10095	-22	SW	4	ir	52	95	8	9	1	-	9	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	10132	-6	SWW	5	c	52	95	7	8	-	-	10	10	1500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District.	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)...	1021.4	-4	SW	2	bc	47	85	5	-	8	6	0	4.6	-	0	*
	Croyden ...	1021.8	-2	SSW	2	c	47	85	6	5	-	6	2.3	7.8	2500	0	*
	S. Farnborough	1021.8	-2	SW	2	c	43	95	8	-	5	7	0	7.8	-	0	*
	Winchester ...	1022.2	-4	SE	1	c	43	95	6	-	-	6	0	9	-	0	*
	Boscombe Down	1022.4	0	SW	2	c	43	95	7	-	-	6	0	7-8	-	1	*
	Calshot,(S'thmtn)	1022.4	-2	SSW	3	bc	47	95	8	-	3	6	0	4.6	-	0	2
	Dungeness ...	*	*	WNW	1	fs	*	*	5	5	-	*	4.6	4.6	1500	*	1
	Lympne ...	1022.0	+2	NW	1	m	44	95	4	-	-	1	0	1	-	0	*
2	Shoeburyness	1021.5	0	WSW	2	bc	47	95	5	-	7	6	0	4.6	-	0	*
	Felixstowe ...	1020.7	0	WSW	1	c	48	85	6	1	-	8	2.3	7.8	5700	0	0
	Gorleston ...	1019.8	0	WSW	2	bc	44	95	6	5	-	1	2.3	4.6	1500	0	1
	Cranwell ...	1018.8	-4	SW'W	4	c	47	85	7	5	7	5	4.6	9+	5700	0	*
3	Birmingham ...	1019.7	-4	SW	3	c	47	85	8	5	7	6	1	9+	2500	0	*
	Upper Heyford	1021.5	0	SSW	3	3o	43	95	6	-	-	6	0	7-8	-	0	*
4	Ross-on-Wye ...	1020.2	-10	SW	3	c	51	85	8	5	1	-	7.8	10	2500	0	*
5	Portland Bill...	1022.4	-2	WSW	3	c	49	85	8	4	4	-	4.6	7.8	2500	0	3
	Plymouth ...	1023.3	-2	WNW	3	id.	49	95	6	5	-	-	10	10	450	1	1
	The Lizard ...	1023.9	+4	SW	3	c	49	95	7	5	-	-	9+	9+	2500	0	2
	Scilly(St.Mary's)	1023.1	+4	W	3	c	50	95	7	5	-	-	9+	9+	4000	0	1
	Guernsey ...	1023.9	+2	-	0	b	50	85	7	-	3	-	0	1	-	0	2
6	Pembroke ...	1020.5	0	WSW	3	c	48	95	6	2	-	-	10	10	1500	1	2
7	Holyhead ...	1017.1	-2	SW	5	r.r.	49	95	6	5	-	-	10	10	220	1	1
	Chester (Sealand)	1018.0	-2	SW'S	3	c	53	85	9	5	2	8	4.6	10	1500	0	*
8	L'pool (Bidston)	1016.9	-10	SW'W	4	c	51	85	9	5	2	-	4.6	10	2500	0	*
9	Harrogate ...	1016.2	-6	SW'S	4	ir.	47	95	7	6	2	-	7-8	10	4000	0	*
10	Spurn Head ...	1017.1	-6	SW'W	4	bc	45	95	6	5	2	-	4.6	4.6	800	0	3
	Catterick ...	1014.8	-10	SSW	4	ir.	51	85	7	6	2	-	7.8	10	1500	0	*
	Tynemouth ...	1012.9	-20	SW	2	ir.	50	95	7	6	-	-	10	10	1500	1	2
11	Inchkeith ...	1008.9	+8	SSW	4	ir	50	96	8	3	-	-	9	9	2500	1	3
	Leuchars ...	1009.9	-2	W	3	c/pr	51	95	8	5	3	-	7.8	9	4000	1	*
12	Renfrew(Abbotts D	1010.1	+8	W	4	c/r	51	95	7	8	-	-	9	9	800	1	*
	Eskdalemuir ...	1011.3	-10	SW	5	rr	46	95	6	6	-	-	10	10	220	1	*
13A	Tiree	1009.7	+20	SWW	3	c	48	95	7	5	-	-	10	10	1500	1	3
13B	Stornoway ...	1003.1	+24	WSW	6	c/pr	48	95	8	8	2	-	4.6	10	1500	1	4
15	Dalwhinnie ...	1009.3	+4	NW	3	c	46	85	8	4	2	-	4.6	7.8	1500	1	*
	Aberdeen ...	1006.3	-2	SSW	2	bc/pr	50	95	8	9	3	-	2.3	2.3	1500	1	1
	Wick	1002.6	+12	SW	4	c	48	85	8	8	7	-	4.6	7.8	1500	1	3
16	Lerwick ...	998.1	-48	S'W	6	rr	45	95	5	6	-	-	10	10	450	1	*
17	Blacksod Point	1013.4	+10	SW	3	dd	51	95	7	6	-	-	10	10	<150	1	3
18	Malin Head ...	1009.7	+16	W	3	dd	50	95	4	?	-	-	?	?	?	1	1
	Aldergrove ...	1012.9	+6	SW'S	5	id.	51	95	7	5	-	-	10	10	800	1	*
	Donaghadee ...	1013.3	+6	W	2	c	53	95	7	9	-	-	7.8	7.8	1500	1	1
19	Birr Castle ...	1016.1	0	WSW	3	c	52	95	8	6	2	-	7.8	10	2500	0	*
20	Valentia Obsy.†	1019.5	+2	SW	4	o/d.	51	95	7	5	-	-	10	10	800	1	3
	Roches Point...	1019.6	+2	SW	3	id.	51	95	6	5	-	-	10	10	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 Hrs. (36)
1	London (Kew)...	68	44	35	-	-	11.8
	Croyden ...	69	42		-	Tr.	12.0
	S. Farnborough	71	39	27	-	Tr.	11.2
	Winchester ...	68	37	31	-	-	11.1
	Boscombe Down	66	40	34	-	-	11.5
	Calshot,(S'thmtn)						
	Dungeness ...	64	41	33	-	-	12.0
	Lympne ...	60	41	*	-	Tr.	*
2	Shoeburyness	67	42	40	-	-	9.2
	Felixstowe ...	69	39	31	-	-	10.3
	Gorleston ...	69	44	33	-	-	8.6
	Cranwell ...	62	43	41	-	-	9.0
3	Birmingham ...	67	43	39	-	-	10.1
	Upper Heyford	64	43	39	-	-	11.5
4	Ross-on-Wye ...	67	37	29	-	-	*
5	Portland Bill...	65	44	36	-	-	10.5
	Plymouth ...	55	47	*	-	-	*
	The Lizard ...	58	44	37	-	Tr.	6.2
	Scilly(St.Mary's)	58	48	*	-	0.1	*
	Guernsey ...	57	48	*	-	Tr.	0.1
6	Pembroke ...	62	46	38	-	-	11.9
7	Holyhead ...	52	47	*	-	Tr.	0.0
	Chester (Sealand)	53	47	44	-	3	2.0
8	L'pool (Bidston)	61	46	36	-	-	8.7
9	Harrogate ...	55	47	45	-	-	8.0
10	Spurn Head ...	59	44	39	-	Tr.	11.1
	Catterick ...	61	41	*	-	Tr.	9.8
	Tynemouth ...	64	46	38	-	Tr.	11.2
11	Inchkeith ...	57	49	45	-	2	6.4
	Leuchars ...	64	46	39	-	3	6.7
12	Renfrew(Abbotts D	57	49	47	-	8	4.0
	Eskdalemuir ...	53	43	43	-	12	1.8
13A	Tiree	55	47	44	Tr.	13	1.0
13B	Stornoway ...	51	46	*	0.1	0.5	2.4
15	Dalwhinnie ...	57	43	25	-	11	5.0
	Aberdeen ...	54	46	40	-	3	3.2
	Wick	50	45	*	1	1	*
16	Lerwick ...	49	43	*	Tr.	2	3.0
17	Blacksod Point	55	48	*	Tr.	8	*
18	Malin Head ...	57	49	*	Tr.	10	0.8
	Aldergrove ...	60	51	48	Tr.	4	3.6
	Donaghadee ...	62	51	*	-	4	5.4
19	Birr Castle ...	63	51	46	-	-	2.3
20	Valentia Obsy.†	57	51	50	Tr.	Tr.	0.1
	Roches Point...	55	50	*	Tr.	1	*

LONDON OBSERVATIONS.

Day 7h—18h. Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations. except Greenwich & Hampstead rainfall, 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	by	by	bm.bc.w	68	44	35	-	-	11.8	*	*	8
Croydon	217	bc b3o.y	by	b3o.bc.m.w	69	42		-	Tr.	12.0	*	*	8
Greenwich (Royal Observatory) ...	149	b3o.y	b3o.y	bc bc	73	43	34	-	-	10.9	28	69	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	10.8	*	*	*
Westminster (St. James' Park)	27	*	*	*	71	45	39	-		11.3	23	70	*
‡Regents Pk. (Botanic Gardens) ...	168	*	*	*	71	45	32	-		11.2	48	77	*
Camden Square	110	b	b	*	72	46	37	-	-	*	*	70	*
Kensington	80	b3o.y	by	*	71	45	36	-	-		At 18h. 63		*
Hampstead Observatory ...	450	b	b	bm	69	43	33	-	-	11.3	40	75	*

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 8th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 9th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1021.7	NNW	2	bc	66	1023.8	-	0	b	45
Brussels	1021.5	-	0	b	57	1021.2	SW'W	2	bc	46
Berlin	1021.5	SE	1	c	46					
Zürich	1022.4	SSE	2	c	48	1022.7	SSE	2	c	45
Rome						1013.3	-	0	f	55

Stations.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	72	45	-	-
Brussels	66	41	-	-
Berlin	48		-	
Zürich	61	45	Tr.	0.1
Rome		48		-

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time	Min.	Time.

Kew Observatory. Max.	Time.	Min.	Time.
0.2	8h. 8m.	<0.1	13-15h. 8th.

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	55–65
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 and Rainfall are for the 24 hours ending 9h.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 10th April 1933.

No. 26,072

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)...	1021·4	-1	WSW	4	c	57	65	8	4	-	-	9+	9+	4000
	Croydon ...	1021·4	-1	WSW	4	bc	60	65	8	5	2	-	7-8	9+	2500
	S. Farnborough	1021·9	-2	W'S	4	c	57	75	8	5	1	-	9+	10	2500
	Winchester ...	1022·2	-4	SW	3	0	55	75	8	5	-	-	10	10	2500
	Boscombe Down	1022·3	-2	WSW	3	c	55	75	8	5	2	-	9+	10	1500
	Calshot, S'thmtn	1022·8	-2	SSW	4	c	56	75	8	5	7	-	7-8	9+	4000
	Dungeness ...	*	*	SW	3	c	*	*	7	5	6	*	4-6	9	1500
	Lympne ...	1021·7	-6	SW'W	3	c	60	55	8	-	3	7	-	9+	-
2	Shoeburyness	1021·1	-10	SW	3	c	59	75	7	5	2	-	4-6	10	4000
	Felixstowe ...	1020·2	-1	W'S	3	c	59	65	7	5	2	8	4-6	10	4000
	Gorleston ...	1019·0	-8	WSW	3	ir	58	75	6	6	-	-	10	10	1500
	Cranwell ...	1018·3	-2	WSW	4	c	55	85	7	5	2	-	9	10	1500
3	Birmingham ...	1019·6	0	WSW	4	c	54	75	8	5	7	8	7-8	9+	2500
	Upper Heyford	1020·7	-6	SW	4	c	56	75	8	9	-	-	10	10	1500
4	Ross-on-Wye ...	1020·6	+4	SW'W	3	0	54	85	7	5	-	-	10	10	2500
5	Portland Bill...	1023·3	+8	SW	3	c	50	95	7	4	-	-	9	9	2500
	Plymouth ...	1023·6	+2	SW'S	4	c	52	95	8	5	2	-	9+	10	800
	The Lizard ...	1024·3	+2	WSW	3	c	54	85	8	5	7	-	7-8	9	2500
	Scilly (St. Mary's)	1024·0	0	WSW	3	c	53	95	8	5	-	-	9+	9+	4000
	Guernsey ...	1024·4	+2	WNW	2	c	56	75	8	8	3	-	4-6	7-8	2500
6	Pembroke ...	1021·0	0	WSW	3	c	50	95	7	5	2	-	4-6	9+	2500
7	Holyhead ...	1018·1	+1	SW	4	cq	53	95	6	5	3	+8	4-6	9+	1500
	Chester (Sealand)	1018·5	+1	SW'W	3	c	55	85	8	5	-	-	9+	9+	1500
8	L'pool (Bidston)	1017·7	+2	WSW	4	c	55	85	8	6	7	-	2-3	9	2500
9	Harrogate ...	1016·5	0	SW'W	4	ir	54	85	8	3	-	-	9	9	2500
10	Spurn Head ...	1016·4	-2	W'S	4	c	54	85	6	3	7	-	4-6	9+	1500
	Catterick ...	1015·4	+10	W'S	5	c	57	75	8	5	6	-	7-8	7-8	1500
	Tynemouth ...	1013·0	+6	W	3	c	57	85	7	6	-	-	9+	9+	1500
11	Inchkeith ...	1011·9	+18	SW	4	c	52	75	8	2	-	1	7-8	7-8	4000
	Leuchars ...	1011·4	+6	W	4	bc	61	45	8	1	-	6	4-6	4-6	4000
12	Renfrew (Abbotts'l)	1013·1	+20	W'S	5	c	56	75	8	8	-	-	9	9	1500
	Eskdalemuir ...	1013·2	+20	W	4	c	56	75	9	8	-	2	4-6	7-8	2500
13A	Tiree	1011·4	+6	SW'S	5	bc	54	85	9	5	7	8	1	4-6	2500
13B	Stornoway ...	1005·4	+8	WSW	7	c	51	75	8	8	7	-	7-8	10	1500
15	Dalwhinnie ...	1011·0	+14	NW	3	c	52	75	8	4	1	-	4-6	7-8	2,500
	Aberdeen ...	1009·8	+12	WNW	3	c	58	55	8	2	-	5	4-6	7-8	4000
	Wick	1006·8	+20	W	4	c	54	75	8	8	1	-	7-8	9	1500
16	Lerwick ...	1000·7	+34	WSW	6	c	49	85	8	8	-	-	9+	9+	1500
17	Blacksod Point	1014·5	+8	SW	5	id	52	95	7	5	-	-	9	9	450
18	Malin Head ...	1012·7	+2	W'S	3	id.	51	95	5	8	2	-	9+	10	450
	Aldergrove ...	1015·1	+10	SW	4	o/d	55	85	8	5	-	-	10	10	1500
	Donaghadee ...	1015·6	+4	W	2	c	58	85	8	5	2	-	4-6	7-8	1500
19	Birr Castle ...	1018·5	+14	WSW	3	id.	55	85	8	5	-	-	10	10	1500
20	Valentia Obsy.	1019·6	-2	SSW	4	id.	54	85	7	5	-	-	10	10	1500
	Roches Point...	1020·4	+8	SW	3	c	53	95	7	3	-	-	7-8	7-8	1500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)...	1021·7	0	W	3	c	57	65	8	5	-	1	9	9+	4000	0	*
	Croydon ...	1021·6	0	WSW	4	c	57	65	7	7	7	-	4-6	7-8	2500	0	*
	S. Farnborough	1021·3	0	WSW	2	0	56	75	8	5	-	-	10	10	1500	0	*
	Winchester ...	1021·6	-2	SW'W	2	c	55	85	7	5	-	1	9+	9+	2500	0	*
	Boscombe Down	1021·7	0	WNW	2	c	54	85	8	5	-	-	9+	9+	1500	0	*
	Calshot, S'thmtn	1021·9	-2	SSW	3	bc	52	85	7	5	-	-	4-6	4-6	4000	0	2
	Dungeness ...	*	*	SW	3	bc	*	*	7	4	7	*	2-3	4-6	1500	*	3
	Lympne ...	1021·4	0	WSW	4	c	55	75	7	5	3	8	2-3	7-8	5700	0	*
2	Shoeburyness	1020·3	-6	WSW	3	c	58	75	7	5	7	8	4-6	9	4000	0	*
	Felixstowe ...	1019·6	-2	W'S	3	ir	58	75	7	5	2	-	7-8	10	4000	0	1
	Gorleston ...	1019·3	+2	WSW	2	c	57	85	6	5	-	-	9+	9+	2500	2	1
	Cranwell ...	1018·7	+8	W'S	3	c	56	85	7	5	7	-	9	10	2500	0	*
3	Birmingham ...	1019·6	0	WSW	3	jp	55	85	8	6	7	-	4-6	7-8	2500	0	*
	Upper Heyford	1020·8	+4	WSW	4	c	54	75	8	5	2	-	9+	10	1500	0	*
4	Ross-on-Wye ...	1020·9	+4	WSW	3	0	52	85	7	5	-	-	10	10	2500	0	*
5	Portland Bill...	1021·2	-12	SW	4	bc	50	95	7	4	-	-	4-6	4-6	2500	0	3
	Plymouth ...	1023·1	-4	W	3	0	51	95	7	5	-	-	10	10	1500	0	2
	The Lizard ...	1023·9	+2	SSW	3	0	52	95	8	5	-	-	10	10	2500	0	2
	Scilly (St. Mary's)	1023·4	0	WSW	2	c	52	95	7	5	-	-	9+	9+	4000	0	1
	Guernsey ...	1023·9	-6	WNW	2	bc	53	85	9	7	3	-	4-6	4-6	2500	0	2
6	Pembroke ...	1020·8	0	WSW	3	dodo	48	95	5	5	-	-	10	10	1500	1	3
7	Holyhead ...	1018·7	+2	SW'S	4	c	49	95	6	5	-	8	9	9+	2500	1	1
	Chester (Sealand)	1018·7	0	SW	3	c	57	75	9	5	-	6	4-6	7-8	2500	0	*
8	L'pool (Bidston)	1017·9	-2	WSW	4	bc	55	75	8	1	4	4	1	4-6	2500	0	*
9	Harrogate ...	1017·5	+1	WSW	3	c	53	85	8	6	-	-	9+	9+	2500	0	*
10	Spurn Head ...	1017·3	+4	WNW	3	c	52	85	6	5	7	-	7-8	9+	1500	0	2
	Catterick ...	1016·5	+8	WSW	2	c	53	85	8	5	7	8	4-6	9	1500	0	*
	Tynemouth ...	1014·1	+12	W	5	bc	58	85	7	2	-	-	4-6	4-6	2500	0	1
11	Inchkeith ...	1013·0	+4	SW	4	c	52	85	7	5	2	-	7-8	10	2500	0	3
	Leuchars ...	1012·6	+1	W	4	c	57	65	8	4	7	6	1	9	2500	0	*
12	Renfrew (Abbotts'l)	1013·9	+4	SW'W	3	id.	51	95	6	9	-	-	10	10	1500	1	*
	Eskdalemuir ...	1014·6	+8	SW	4	0	53	85	7	5	-	-	10	10	800	1	*
13A	Tiree	1011·2	-8	SSW	5	0	50	95	6	5	-	-	10	10	450	1	3
13B	Stornoway ...	1005·9	-2	SSW	5	c	49	85	8	8	7	-	7-8	9+	1500	1	3
15	Dalwhinnie ...	-	-	W	2	c	50	65	8	4	3	-	4-6	9	2500	0	*
	Aberdeen ...	1010·7	+12	-	0	bc	58	55	8	8	9	2	1	4-6	1500	1	1
	Wick	1008·6	+16	W	3	c	52	65	8	8	7	8	4-6	7-8	2500	1	2
16	Lerwick ...	1005·2	+24	SW	5	c/r	47	95	5	8	-	-	9+	9+	450	1	*
17	Blacksod Point	1014·8	-4	SW	4	id.	51	95	7	5	-	-	9+	9+	450	0	3
18	Malin Head ...	1013·1	+1	W'S	3	c	51	95	7	8	2	-	9	9+	800	1	1
	Aldergrove ...	1015·8	+4	SSW	3	0	53	85	8	8	-	-	10	10	1500	1	*
	Donaghadee ...	1016·1	+1	W	2	c	55	85	8	5	-	-	9	9	1500	0	1
19	Birr Castle ...	1017·8	-2	SW	1	c	54	85	8	5	-	-	9+	9+	1500	0	*
20	Valentia Obsy.	1018·7	-6	S	4	c	53	85	8	5	-	-	9+	9+	1500	0	2
	Roches Point...	1019·7	-4	SW	3	c	52	85	7	3	-	-	9	9	1500	0	3

PAST 24 HOURS. WEATHER.

District	Stations. (For heights see p. 4.)	7h.–13h. 9th (37)	13h.–18h. 9th (38)	18h. 9th to 1h. 10th (39)	1h.–7h. 10th (40)
1	London (Kew)...	bc p c	c	c	c
	Croydon ...	bcc p c	p c	c 3 m	c m
	S. Farnborough	bcc r c	c	c b c c	c o
	Winchester ...	c o c	c	c v c	c o
	Boscombe Down	c	c	c	c
	Calshot, S'thmtn	b c c	c b c		b c w c
	Dungeness ...	c	b c	*	c
	Lympne ...	b m b c c ⊕	c y c	c m	c m
2	Shoeburyness	c m o o	o p p c	c	c
	Felixstowe ...	c 2 o w c	c r o ir s	c r r r c	c c 3
	Gorleston ...	b c c	o r r c	c	
	Cranwell ...	c r m	c r c	c d c	c
3	Birmingham ...	c i r	c	c	c
	Upper Heyford	c r c	c	c	c
4	Ross-on-Wye ...	c	c	c	c b c w c
5	Portland Bill...	c	c	c	c
	Plymouth ...	o r d m o c	c	c	c w
	The Lizard ...	i f d c	c	c	c
	Scilly (St. Mary's)	i d o i m	c	c	c b c
	Guernsey ...	b b c c	b c	c b c w	b c b w
6	Pembroke ...	c f e l d c	c f l d e m o c	c i d f c	c i f i d c v c
7	Holyhead ...	r o r c m c q	c m c q	c m	c m c
	Chester (Sealand)	i r q c	c v b c	b c	b e c
8	L'pool (Bidston)	c r r c	c v b c v	b c	b c
9	Harrogate ...	c i r	c i r	c	c
10	Spurn Head ...	c r r c	c	b c	b c
	Catterick ...	c r r b c	b c c	c	c
	Tynemouth ...	o i r c	c b c	c o i r c	c
11	Inchkeith ...	i r c q	c	c	c
	Leuchars ...	b c b b c	b q v y c q	q v b c	c b c c w
12	Renfrew (Abbotts'l)	c b c c	c m o p d o	c d c c d	c c r o
	Eskdalemuir ...	c r r b c	b c c	c i d o	c
13A	Tiree	c b c	b c f f d d	o m o	c
13B	Stornoway ...	c p r o	c p r o	c i d o , p r	c r r
15	Dalwhinnie ...	c	c	*	i r
	Aberdeen ...	b c b b c y	b c y	b c y e	c
	Wick	c	c	c	c p r o c
16	Lerwick ...	o r r c	c i r o m o	c o i r r m	o r r i r m
17	Blacksod Point	i D	i d o	i d o q	c q
18	Malin Head ...	m r i d	c m p d	c	c
	Aldergrove ...	c d o m o c v	c v	c	c
	Donaghadee ...	c	c	c	c
19	Birr Castle ...	c i d o	c	c	c
20	Valentia Obsy.	c i d o	c i d o c	c	c
	Roches Point...	b i d o c	c i d o c	c	c i d o

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

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

COLUMNS 12, 13, 26, 27.

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

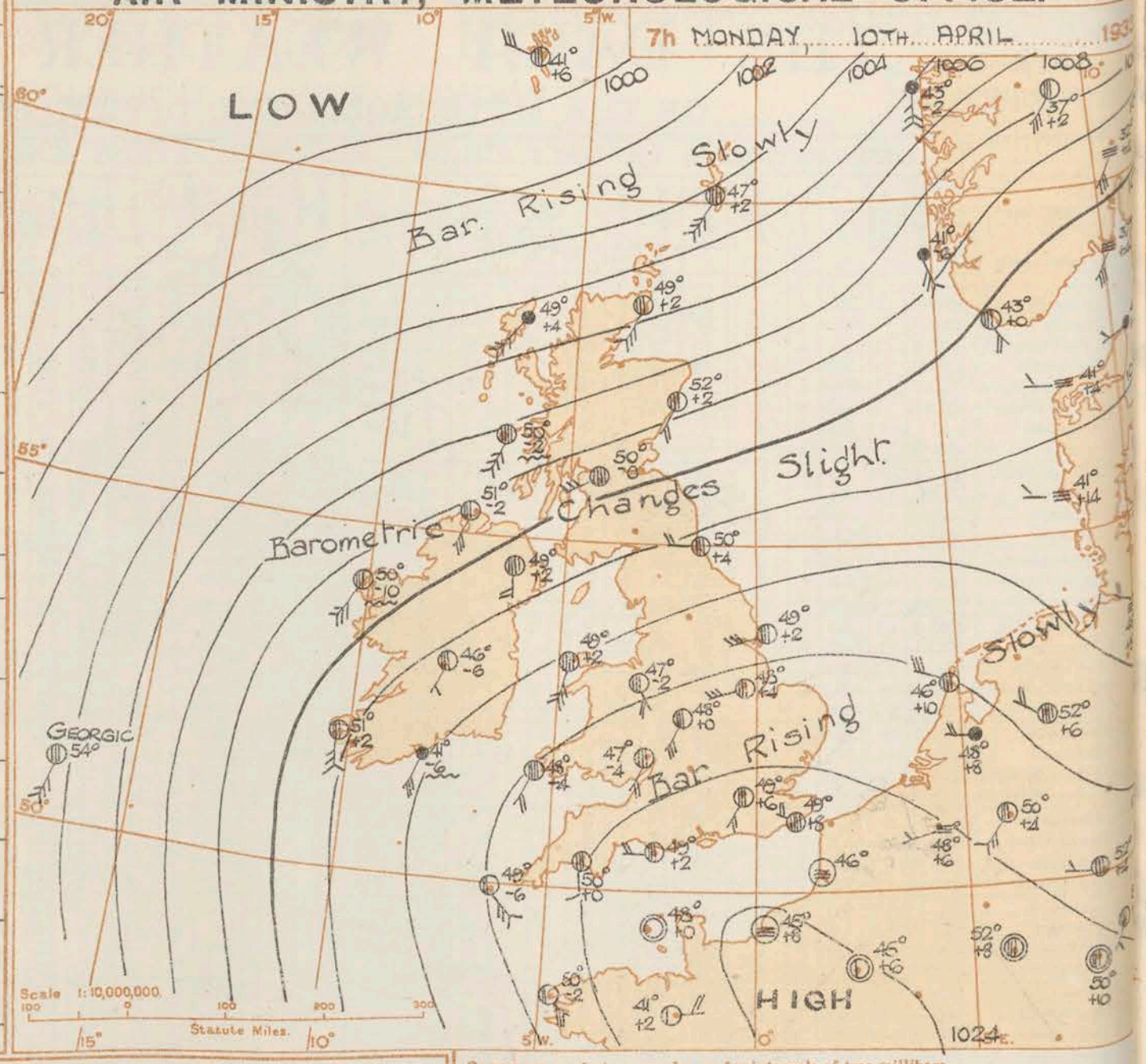
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 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 9th APRIL 1933.

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.	bc	cdc	36	62	-	-	5·0	11·0
	Bournemouth	bc	bc	43	58	-	-	3·4	12·2
	Ventnor ...	cbc	bcoc	46	56	-	-	7·9	11·8
	Southsea ...	bc	bc	45	59	-	-	4·5	11·7
	Bognor Regis	bbc	bcbdc	44	58	-	-	4·0	11·5
	Littlehampton	bc	bc	40	55	-	-	3·7	12·0
	Worthing ...	bcc	bcc	44	55	-	-	4·3	11·6
	Brighton ...	bbc	c	45	55	-	-	5·9	11·4
	Eastbourne†	bbccc	cbc	44	56	-	-	7·1	10·9
	Hastings† ...	bbc	bccobc	42	59	-	Tr	6·1	10·3
	Folkestone ...	b	bc	44	62	-	-	5·7	8·1
	Dover... ...	mbc	bcobc	45	61	-	Tr	6·9	9·2
	Deal	bbc	cobc	46	65	-	Tr	5·1	5·2
	Ramsgate ...	bcccc	dc	47	62	-	0·2	5·3	8·4
	Margate ...	bc	bccp	48	60	-	0·2	5·4	8·3
2	Southend ...	bbc	cro	45	60	Tr	Tr	2·3	9·2
	Maldon ...	bcc	cdc	42	61	-	Tr	2·1	10·3
	Clacton-on-Sea	bc	bccrc	43	61	-	0·4	3·0	9·1
	Dovercourt ...	bc bcc	bccpr	44	61	-	0·1	2·6	8·5
	Lowestoft ...	cbcc	cobrc	41	62	-	1	1·4	9·0
	Skegness ...	obcmo	bcorm	42	57	-	Tr	0·1	11·3
	Mablethorpe	oro	o	40	58	Tr	0·5	0·1	10·6
	Cleethorpes...	oro	oc	40	60	Tr	-	0·6	10·2
3	Leamington S.	oc	c	42	60	-	-	0·3	11·3
4	Cheltenham†	owc	com	44	57	-	-	0·4	10·7
5	Bath	c	c	46	57	-	-	0·3	12·3
	Weymouth ...	c	c	45	56	-	-	1·3	10·9
	Jersey ...	bc	bc	45	58	-	-	10·0	10·7
	Torquay ...	bc	bcco	40	60	-	-	2·5	10·6
	Penzance ...	oc	bco	47	56	-	-	0·4	1·4
	St. Ives ...	c	o	55	48	Tr	-		0·5
	Bude	hz	o	49	52	Tr	-	0·0	1·7
	Ilfracombe ...	codf	codf	49	53	0·1	?	1·0	0·3
6	Aberystwyth	c	rocc	48	51	0·5	-	0·1	0·6
7	Llandudno ...	rooc	c	47	58	2	0·2	0·5	11·1
	Colwyn Bay...	rro	oo cbc	49	58	0·5	-	0·0	9·9
	Rhyl	cr	c	41	56	0·5	-	0·6	8·1
8	Wallasey ...	rbo	ocbc	47	57	2	Tr	0·0	8·0
	Southport‖ ...	oro	oc	44	53	7	-	0·0	8·1
	Blackpool ...	ro	oc	46	51	8	0·2	0·0	2·5
	Morecambe ...	crror	cdbcc	44	50	11	0·3	0·0	0·3
9	Ilkley... ...	rro	rro	43	54	1	0·5	0·0	6·8
10	Berwick-on-T.	bc	bc	48	62	1	-	7·5	9·6
11	Dunbar ...	r bc	bc	49	60	3	-	8·7	8·8
12	Troon... ...	rooc	codeo	48	52	6	Trace	1·8	5·9
	Douglas ...	cid	c	44	55	9	0·3	0·0	10·6

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



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 10th Apl. 1933.
1. S.E. England 2. E. England.. 3. E. Midlands 4. W. Midlands	Light southwest or variable wind; fair; mild.
5. S.W. England	Light or moderate south or southeast wind; fair; mild.
6. South Wales 7. North Wales 8. N.W. England 9. N Midlands	Moderate southwest or south wind; cloudy, perhaps local drizzle; mild.
10. N.E. England	Light or moderate southwest wind; cloudy, brighter intervals; mild.
11. S.E. Scotland	
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 or fresh southwest wind, strong locally; cloudy, occasional rain or showers; mild.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate or fresh southwest or south wind; cloudy, local drizzle; mild.

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

GENERAL INFERENCE.

An anticyclone is situated over France, while pressure is low to west and north of the British Isles. Weather will be rather unsettled in the North and West but will be mainly fair over most of England.

FURTHER OUTLOOK.

Unsettled in the West and North; mainly fair in the Southeast.

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

Forecasts issued at 0930 G.M.T.

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

Morning of
MONDAY,
10TH APRIL,
1933.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 10th April 1933.

No. 26,072.

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

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	1021.7	+2	W'N	3	c	50	85	6	5	-	-	9-	9+	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8														
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1022.3	0	W'N	2	c	51	85	6	6	-	-	10	10	1500
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	1019.7	+2	WSW	2	c	54	95	6	-	2	-	0	10	-
	Cranwell ...	240														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1022.6	+2	W	3	c	49	95	7	4	-	-	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	1023.0	0	SW	2	c	50	85	8	4	-	-	10	10	2500
	Scilly (St. Mary's)	163	1022.5	-4	SW's	2	c	51	95	8	5	-	-	7-8	7-8	4000
	Guernsey ...	175	1023.3	-4	-	0	bc	47	95	8	-	3	-	0	4-6	-
6	Pembroke ...	142	1022.3	0	WSW	3	b/s	48	95	4	-	-	-	0	0	-
7	Holyhead ...	26	1018.6	0	SW's	4	c	48	95	6	5	3	8	7-8	9+	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1018.3	0	W's	4	c	52	95	6	5	2	-	2-3	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	1016.1	0	W	3	c	52	85	7	6	-	-	9	9	1500
11	Inchkeith ...	190	1013.7	-4	SW	3	c	50	95	8	5	7	-	7-8	10	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1004.6	+2	SW	5	c/pr	51	95	6	5	-	-	10	10	800
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1006.8	-12	SSW	4	c	48	85	8	8	1	8	7-8	10	1500
16	Lerwick ...	54	1005.3	-10	SW	4	rr	45	95	5	6	-	-	10	10	450
17	Blacksod Point	18	1013.7	-4	SW	5	c	49	95	7	5	-	-	9	9	220
18	Malin Head ...	52	1013.2	+2	SSW	3	c	51	95	7	4	1	-	9	9+	1500
	Aldergrove ...	298	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1017.3	-6	SW	3	c	56	85	7	8	-	-	9+	9+	2500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1022.3	+6	WSW	2	c	50	85	7	5	-	-	10	10	2500	0	*
1022.1	+6	SW	2	c	49	85	6	5	-	-	9+	9+	1500	0	*
1022.2	+4	W'S	2	o	49	85	8	5	-	-	10	10	800	0	*
1022.3	+6	W	2	o	49	85	8	5	-	-	10	10	1500	0	*
1022.4	+6	WSW	2	c	48	85	7	5	-	-	10	10	1500	0	*
1022.4	+6	WSW	1	c	50	85	8	5	-	-	10	10	2500	0	0
*	*	WSW	1	c	*	*	7	4	-	*	10	10	1500	*	1
1022.9	+8	WNW	2	c	49	85	7	5	-	-	10	10	1500	0	*
1022.1	+6	NW	1	c	51	75	7	5	2	-	7-8	9+	1500	0	*
1021.3	+6	SW'W	3	c	51	95	6	5	-	-	10	10	1500	0	1
1020.6	+6	WSW	2	c	52	95	6	5	-	-	10	10	2500	0	1
1020.2	+4	WSW	3	c	48	95	8	5	-	6	Tr.	9	4000	0	*
1020.7	0	SW	3	c	48	85	8	5	-	2	4-6	9	2500	0	*
1021.6	+4	W	2	c	49	85	7	5	-	-	10	10	1500	0	*
1021.1	-4	SSW	2	c	47	85	7	5	-	2	2-3	7-8	4000	0	*
1022.6	+2	W	2	c	49	95	7	4	-	-	10	10	2500	0	2
1022.0	0	S	1	c	50	95	8	5	-	-	9+	9+	2500	0	0
1021.6	+2	E'S	2	c	49	95	9	2	-	-	7-8	7-8	2500	0	1
1020.3	-6	SE'S	4	bc	49	95	8	8	-	3	4-6	4-6	4000	0	2
1023.0	0	-	0	b	48	95	7	-	-	-	0	0	-	0	2
1019.9	-4	SW	2	c	48	95	8	5	-	-	10	10	2500	1	2
1018.6	+2	S'W	5	c	49	95	8	5	-	-	10	10	800	1	1
1019.7	-2	SSE	2	c	47	95	8	5	1	6	Tr.	7-8	2500	0	*
1019.3	-2	S'E	2	bc	47	85	8	1	-	2	Tr.	4-6	4000	0	*
1018.7	0	SW	3	c	49	85	7	6	1	8	1	9	2500	0	*
1018.8	+2	WSW	3	c	49	85	6	5	1	8	4-6	7-8	1500	0	2
1017.5	+2	SW	4	c	50	85	8	5	2	-	9	10	800	0	*
1016.1	+4	W	2	c	50	95	6	6	-	-	7-8	7-8	1500	0	1
1013.6	+4	SW	4	c	50	85	7	5	7	9	7-8	9+	1500	0	3
1013.4	+10	WSW	4	c	50	85	7	7	9	9	1	9	1500	0	*
1014.2	0	SW'W	3	c/r	50	85	7	8	-	-	10	10	1500	1	*
1015.6	+4	SW	5	c	47	95	7	8	-	-	9	9	220	1	*
1010.5	-2	SSW	6	c	50	95	6	5	-	-	10	10	1500	0	4
1003.9	+4	SW	5	rr	49	95	6	5	-	-	10	10	800	1	3
1012.0	0	S	3	c	46	85	8	4	1	-	4-6	10	2500	1	*
1011.0	+2	SW'S	2	c	52	75	8	-	7	-	0	7-8	-	1	1
1007.5	+2	SSW	4	c/pr	49	85	8	8	1	-	7-8	9+	1500	1	2
1003.6	+2	SW	6	o/r	47	95	6	6	-	-	10	10	450	1	*
1012.6	-10	SW	5	q	50	95	7	5	5	-	4-6	9	800	0	4
1012.0	-2	SSW	3	c	51	95	7	5	1	-	9+	10	1500	1	1
1015.5	+2	S	2	c	49	85	8	5	-	-	10	10	1500	1	*
1015.8	+2	W	2	c	51	85	8	5	2	-	4-6	7-8	1500	0	0
1016.1	-6	SW	1	c	46	95	8	5	-	-	9+	9+	2500	0	*
1015.8	+2	S	4	c	51	85	8	5	-	-	9+	9+	1500	0	3
1018.1	-6	SW	3	id.	49	95	7	5	-	-	9	9	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 9h Hrs. (36)
1	London (Kew)...	57	50	49	Tr	-	2.6
	Croydon ...	60	49	48	Tr	-	3.9
	S. Farnborough	60	48	47	Tr	-	2.5
	Winchester ...	59	48	45	-	-	0.9
	Boscombe Down	56	47	47	-	-	0.4
	Calshot (S'thmtn)	57	48	36	-	-	3.7
	Dungeness ...	56	47	*	0.5	-	*
	Lympne ...	61	48	47	-	-	6.2
2	Shoeburyness	62	49	49	Tr	-	4.2
	Felixstowe ...	60	50	49	0.2	0.5	2.7
	Gorleston ...	59	52	50	2	-	2.0
	Cranwell ...	58	47	45	1	Tr.	0.3
3	Birmingham ...	58	46	43	Tr.	-	0.6
	Upper Heyford	57	44	40	Tr	-	*
4	Ross-on-Wye ...	56	45	35	-	-	0.2
5	Portland Bill...	51	48	*	-	-	*
	Plymouth ...	56	48	42	Tr	-	0.0
	The Lizard ...	56	48	*	0.1	-	*
	Scilly (St. Mary's)	54	46	*	Tr	-	0.0
	Guernsey ...	58	43	36	-	-	10.0
6	Pembroke ...	51	47	*	Tr	1	0.1
7	Holyhead ...	55	47	46	3	-	0.4
	Chester (Sealand)	58	44	38	Tr	-	2.2
8	L'pool (Bidston)	56	46	44	1	-	0.7
9	Harrogate ...	55	49	47	0.6	-	1.0
10	Spurn Head ...	55	45	*	0.3	-	0.3
	Catterick ...	58	50	49	Tr	-	3.7
	Tynemouth ...	61	50	47	0.1	Tr.	*
11	Inchkeith ...	53	49	47	0.3	-	7.9
	Leuchars ...	62	49	46	-	-	9.6
12	Renfrew (Abbotts I)	57	49	48	0.1	0.3	4.7
	Eskdalemuir ...	57	45	45	3	0.3	1.9
13A	Tiree	54	49	48	Tr	-	3.6
13B	Stornoway ...	52	47	*	0.1	8	0.7
15	Dalwhinnie ...	55	43	26	-	1	7.4
	Aberdeen ...	62	52	49	-	-	8.1
	Wick	57	47	*	-	Tr.	*
16	Lerwick ...	49	43	*	4	4	1.4
17	Blacksod Point	53	49	*	1	Tr.	*
18	Malin Head ...	52	50	*	0.1	-	0.0
	Aldergrove ...	56	49	46	Tr	-	0.0
	Donaghadee ...	59	49	*	-	-	*
19	Birr Castle ...	56	45	37	Tr	-	0.0
20	Valentia Obsy.†	55	50	48	Tr	-	0.6
	Roches Point...	54	48	*	0.2	0.3	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations, except Greenwich & Hampstead rainfall, 9h-18h.

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h. (To-day.)
Kew	18	bc p. c	c	c	57	50	49	Tr.	-	2.6	*	*	7
Croydon	217	bc c pr. c	pr. c	c 3 m.	60	49	48	Tr.	-	3.9	*	*	7
Greenwich (Royal Observatory) ...	149	c ⊕ c	p. c	c	63	49	47	Tr.	-	2.4	72	79	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	2.0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	61	50	48	-		2.1	68	78	*
‡Regents Pk. (Botanic Gardens) ...	168	*	*	*	60	49	49	-		2.0	79	86	4
Camden Square	110	c c p	c	*	61	50	48	Tr.	-	*	*	79	*
Kensington	80	c b c p	b c b	*	61	50	48	Tr.	-	2.9	At 18h.	81	*
Hampstead Observatory	450	b c b	b c	*	57	47	44	Tr.	-	2.5	70	85	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.6	19h. 9th.	Nil	22h. 9th — 6h. 10th

Kew Observatory. Max.	Time.	Min.	Time.
0.1	19h. 9th.	<0.1	1-4h. 10th.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 9th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 10th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1021.9	NW	2	c	63	1023.9	-	0	3o	45
Brussels	1020.7	W	3	c	57	1022.2	WSW	1	m	48
Berlin	1020.0	SE	1	bc	52	1016.4	NW	2	c	41
Zürich	1021.1	SSW	2	b	57	1022.4	SE	1	m	46
Rome	1025.1	SE	1	bc	63					

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
66	45	-	*
64	46	-	0.6
57	39	-	4
66	41	-	-
70		-	

EXPLANATION OF FIGURES, LETTERS, etc.

COLUMNS 2, 15.
The barometric tendency is expressed in tenths of a millibar.

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 11th. April 1933.

No. 26,073

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

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)	1021.2	-8	SW	3	c	60	55	7	-	-	2	0	7-8	—
	Croydon	1020.8	-14	SW	2	bc	61	55	7	-	-	2	0	4-6	-
	S. Farnborough	1021.0	-14	SW|W	3	bc	62	65	7	-	-	2	0	2-3	-
	Winchester	1021.3	-12	S|W	3	c	61	65	7	-	-	2	0	9	-
	Boscombe Down	1020.9	-14	SW	3	bc	60	65	7	-	1	5	0	2-3	-
	Calshot, S'thmtn	1022.0	-6	SSW	3	bc	58	65	8	1	-	6	Tr	2-3	4000
	Dungeness	*	*	SW	3	bc	*	*	7	5	9	*	2-3	4-6	1500
	Lympne	1021.9	-10	SW	3	bc	58	75	7	5	-	1	4-6	4-6	1500
2	Shoeburyness	1021.1	-8	WSW	2	bc	60	65	7	-	-	6	0	4-6	-
	Felixstowe	1021.0	-6	S'E	4	c	55	75	7	7	-	-	7-8	7-8	2500
	Gorleston	1020.8	+2	S'W	2	c	54	85	6	5	-	-	10	10	2500
	Cranwell	1018.9	-10	SW	3	3o	61	65	4	-	-	2	0	4-6	-
3	Birmingham	1019.9	-2	SW	3	c	59	65	8	-	-	6	0	7-8	-
	Upper Heyford	1020.6	-12	SW	4	c	60	65	7	-	-	8	0	7-8	-
4	Ross-on-Wye	1020.1	-6	S	3	bc	59	65	7	-	-	-	0	2-3	-
5	Portland Bill	1021.9	-6	SE	1	bc	50	85	6	2	-	-	4-6	4-6	2500
	Plymouth	1021.0	-4	SE	4	c	57	85	9	1	-	6	Tr	9+	2500
	The Lizard	1020.6	-2	E'S	3	bc	57	85	8	7	4	1	2-3	4-6	4000
	Scilly (St. Mary's)	1019.3	-8	SE'S	4	c	54	95	7	5	-	2	4-6	7-8	4000
	Guernsey	1021.8	-12	E	2	bc	58	75	8	-	1	8	0	4-6	—
6	Pembroke	1019.8	-10	S	2	bc	53	85	8	5	4	1	2-3	4-6	2500
7	Holyhead	1018.4	-4	SSW	5	q	51	95	8	5	-	-	9+	9+	1500
	Chester (Sealand)	1018.6	-6	SW	2	c	63	55	9	!	-	2	1	7-8	4000
8	L'pool (Bidston)	1018.4	0	WNW	2	bc	56	65	8	-	-	6	0	2-3	-
9	Harrogate	1017.9	0	SW	3	bc	57	75	7	-	-	6	0	4-6	-
10	Spurn Head	1018.3	-2	W	3	bc	62	65	6	-	1	8	0	4-6	-
	Catterick	1017.8	-2	SW|W	4	c	55	75	8	7	4	2	2-3	7-8	2500
	Tynemouth	1015.9	-4	SW	3	c	57	75	6	6	-	-	7-8	7-8	1500
11	Inchkeith	1014.4	-2	SW	4	c	52	75	7	5	7	-	7-8	9+	1500
12	Leuchars	1013.8	-2	WSW	4	c	56	65	7	8	3	8	7-8	9+	1500
	Renfrew (Abbotts I.)	1014.5	-2	SW	4	c	55	75	7	8	7	8	7-8	9+	1500
	Eskdalemuir	1016.2	+6	SW|S	8	c	48	85	7	5	-	-	9+	9+	800
13A	Tiree	1011.4	+8	SSW	5	c	52	85	7	5	2	-	9+	10	1500
13B	Stornoway	1004.2	+4	SSW	6	id.	50	95	6	9	2	-	7-8	10	800
15	Dalwhinnie	1013.1	+4	S	3	c	50	75	7	4	4	-	4-6	10	1500
	Aberdeen	1011.1	0	SW	2	c	56	65	7	2	7	-	2-3	9	4000
	Wick	1007.9	+4	SSW	5	c	54	75	8	5	9	9	4-6	9+	2500
16	Lerwick	1004.8	+6	WSW	6	rr	49	95	6	6	-	-	10	10	800
17	Blacksod Point	1012.9	0	SW	6	q	51	95	8	5	-	-	9+	9+	800
18	Malin Head	1011.2	-6	SSW	3	c	57	85	7	-	4	7	0	10	-
	Aldergrove	1014.8	-6	S	4	c	57	65	8	4	-	7	4-6	9+	1500
	Donaghadee	1014.8	-4	SW	2	bc	60	65	8	5	-	2	4-6	4-6	1500
19	Birr Castle	1015.4	-6	S	4	c	57	65	8	5	8	-	7-8	9+	2500
20	Valentia Obsy.	1014.6	-10	S'E	4	id.	51	95	7	5	-	-	10	10	800
	Roches Point	1017.0	-8	SW	4	c	52	85	8	3	-	-	7-8	7-8	1500

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	1019.7	-6	SW|W	2	bc	63	55	7	5	-	6	1	4-6	4000	0	*
	Croydon	1020.0	-2	SSW	3	bc	61	55	7	-	-	2	0	4-6	-	0	*
	S. Farnborough	1019.8	-6	SSW	3	c	60	65	7	-	1	6	0	7-8	-	0	*
	Winchester	1020.0	-2	S	3	c	58	75	7	-	-	6	0	9+	-	0	*
	Boscombe Down	1020.0	-2	SSW	3	c	57	75	7	-	-	5	0	9	-	0	*
	Calshot, S'thmtn	1020.8	-4	SSW	3	c	54	75	7	-	5	6	0	7-8	-	0	0
	Dungeness	*	*	SW	2	F	*	*	1	5	-	*	10	10	4150	0*	2
	Lympne	1021.3	-4	SSE	3	b	52	85	7	-	-	1	0	1	-	0	*
2	Shoeburyness	1019.5	-6	SE|E	1	b	54	85	7	-	-	1	0	1	-	0	*
	Felixstowe	1020.3	0	S'E	3	bc	51	85	7	-	-	4	0	2-3	-	0	1
	Gorleston	1019.5	0	S'E	3	bc	50	85	6	-	-	1	0	4-6	-	0	2
	Cranwell	1017.8	-2	SW|S	3	bc	62	65	6	-	-	6	0	4-6	-	0	*
3	Birmingham	1018.5	-4	SSW	2	c	61	65	8	-	-	2	0	7-8	-	0	*
	Upper Heyford	1019.2	-4	SSW	2	c	60	55	8	-	1	8	0	7-8	-	0	*
4	Ross-on-Wye	1018.4	-10	S'W	3	bc	60	65	8	-	1	8	0	4-6	-	0	*
5	Portland Bill	1020.3	-8	SE	1	c	50	85	7	4	4	-	7-8	10	2500	0	2
	Plymouth	1019.2	-10	E	1	c	55	85	8	-	3	6	0	9+	-	0	1
	The Lizard	1017.9	-10	E	3	c	53	85	8	4	7	-	7-8	10	4000	0	1
	Scilly (St. Mary's)	1016.6	-12	SE'S	4	c	53	95	7	-	9	-	0	9	-	0	2
	Guernsey	1019.4	-14	-	0	c	58	75	8	-	3	8	0	7-8	-	0	0
6	Pembroke	1018.4	-20	S	3	c	50	85	6	5	1	1	4-6	7-8	2500	0	1
7	Holyhead	1016.7	-10	SSW	4	c	50	85	7	-	-	6	0	9	-	1	1
	Chester (Sealand)	1017.1	-4	SW|W	1	c	63	55	8	-	-	2	0	7-8	-	0	*
8	L'pool (Bidston)	1017.*	-4	-	0	bc	55	65	8	-	-	6	0	4-6	-	0	*
9	Harrogate	1017.2	-6	WSW	1	bc	54	85	7	-	-	2	0	4-6	-	0	*
10	Spurn Head	1016.9	-4	SSW	3	3o	53	85	5	5	1	8	2-3	4-6	800	0	2
	Catterick	1016.9	+4	W'S	2	c	53	75	7	-	-	7	0	10	-	0	*
	Tynemouth	1015.6	-4	SW	3	bc	57	65	7	4	-	1	2-3	4-6	4000	0	1
11	Inchkeith	1012.6	+10	SW	3	c	53	75	8	5	4	-	7-8	9+	2500	0	2
12	Leuchars	1012.5	-8	SW	3	c	57	65	7	1	7	8	Tr	9+	2500	0	*
	Renfrew (Abbotts I.)	1013.1	-6	SSW	4	bc	53	75	7	8	3	6	2-3	4-6	2500	1	*
	Eskdalemuir	1015.2	-8	SSW	5	o	46	95	7	5	-	-	10	10	220	1	*
13A	Tiree	1009.8	-14	S'W	4	c	51	85	7	5	7	-	9	9+	1500	0	3
13B	Stornoway	1004.3	0	SW	7	c	49	85	6	8	7	-	4-6	9+	1500	1	4
15	Dalwhinnie	1011.3	-6	S	2	c	50	75	7	4	1	-	4-6	7-8	2500	0	*
	Aberdeen	1011.1	+4	SSE	2	c	55	75	8	-	7	-	0	10	-	1	1
	Wick	1006.9	-10	SSW	5	c	53	75	8	5	1	8	7-8	10	2500	1	2
16	Lerwick	1003.7	-4	SW	8	c	49	85	6	5	2	-	7-8	10	800	0	*
17	Blacksod Point	1003.5	-8	SW	65	q	50	95	8	3	-	-	4-6	4-6	800	0	4
18	Malin Head	1009.9	-6	SSW	3	c	54	85	7	4	9	9	2-3	7-8	1500	0	1
	Aldergrove	1012.7	-6	S'W	3	c	56	65	7	5	-	7	4-6	9+	1500	1	*
	Donaghadee	1013.4	-6	SSW	2	c	53	85	7	5	-	-	7-8	7-8	1500	0	2
19	Birr Castle	1013.3	-14	S	3	c	55	75	7	5	4	-	7-8	10	2500	0	*
20	Valentia Obsy.	1013.5	-2	S'E	4	c	52	85	8	5	-	-	7-8	7-8	800	0	3
	Roches Point	1015.0	-14	SSE	3	c	51	95	7	5	-	-	9	9	1500	0	3

PAST 24 HOURS.

Weather. 7h.–13h. 10th. (37)	13h.–18h. 10th. (38)	18h. 10th to 1h. 11th. (39)	1h.–7h. 11th. (40)
cbc	bbcy	bcy	cm.
cz.cbc	bcby	cbccm.	cm.
ocbc	bcy	c	ccm.
oc	bcyc	c	cm.
cbc	bcc	bcw	cm.
cbc	bbcc		cbcwm
bc	t		c
c	bcb	cmw	cm.
cm.cbc	bc	bc	bc
cz.bc	bbc	bc	bcwc
c	cbc	bcw	bcc
ccz.	bcz.	bcz.b	b,c
cbc	bc	bcc	c
cbc	bc.	bcy	bccm.
cbc	bcb	bc	c
cbcz.	bcc	bcc	c
cbcv	w cv	c	cifa
cbc	bcc	co	ofs
bcc	c	c	cmfm
bcb	bcc	bc	bcc
cvbc	bbcm.c	c	cfeo
sidm.q	cbc	cbccD	cf
bcv	bcvy	bcc	cm.
bcvbc	bcbbc	bcmbc	bcc
cbc	bbc	bc	bcc
bc	cbcz	cbcw	bcc
cbc	bcc	cbcw	bcwc
c	cbc	bc	bccm.
bcc	c	bcc	c
cbcc	c	cbccD	cifa
bcv	bcvy	bcc	cm.
bcvbc	bcbbc	bcmbc	bcc
c	c	bcc	c
cwc	c	cbcc	cifa
c	cbc	bcc	ccd.m.
c	co	o	o
c	c	c	Wd.d.
cdd.m.	cid.	cprir	cirm.
c	c	c	ir
c	c	c	ccz.
c	cbc	cpr.	
orrm.	orrem	cpr	corr,cpr.
cq	bcq	ir.	c
c	c	bcc	c
cv	c	c	c
cbc	bcc	bc	bcw
c	c	c	c
cid.	cid.c	c	cid.c
c	cw	cw	

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_2, slight rain.
rr, continuous rain.
< , less than (for cloud height).
⊕, Solar halo. ☽ lunar halo. ⁱⁱⁱ 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.

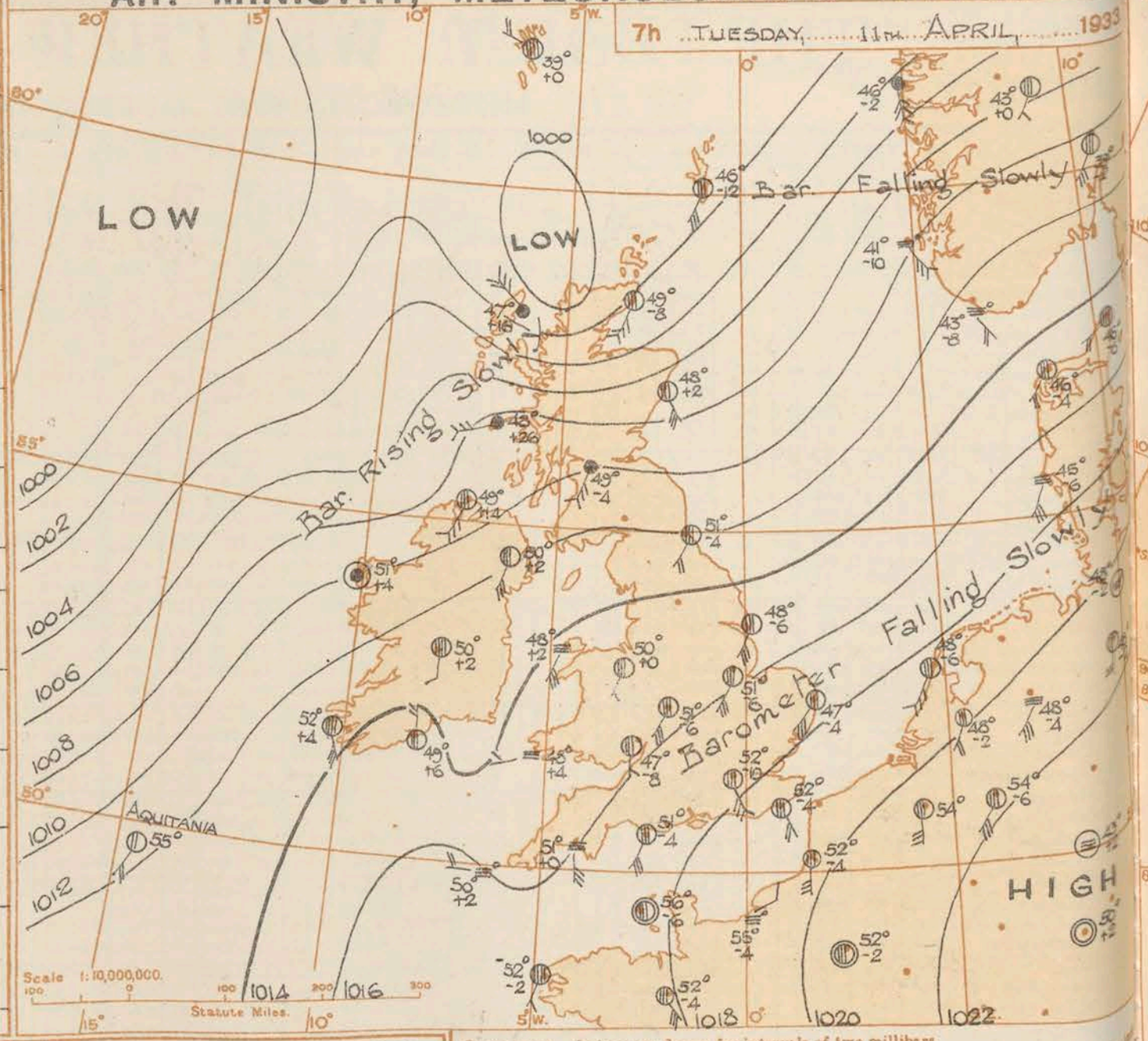
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 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 10th April 1933.

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.	oc	b	48	65	-	-	6·7	5·0
	Bournemouth	ob	b	49	60	-	-	6·5	3·7
	Ventnor ...	ob3	bbc3	47	57	-	-	5·7	8·0
	Southsea ...	ocb	b	49	61	-	-	5·8	5·0
	Bognor Regis	oc	bcb	48	55	-	-	5·0	4·1
	Littlehampton	cbc	bc	42	54	-	-	4·9	3·9
	Worthing ...	c	b	47	56	-	-	4·7	4·3
	Brighton ...	c	cb	49	55	-	-	4·2	5·9
	Eastbourne†	oc	cb	47	55	-	-	3·7	7·1
	Hastings† ...	ocbcb	b	47	56	-	-	5·5	6·1
	Folkestone ...	oc	bcb	49	55	-	-	4·3	6·0
	Dover... ...	o	ob	50	54	-	-	3·9	6·9
	Deal	oc	b	50	56	-	-	5·3	5·1
	Ramsgate ...	cb	b	50	55	-	-	5·7	5·3
	Margate ...	cbc	bc	50	61	-	-	6·0	5·4
2	Southend ...	ocbc	bcb	50	66	-	-	6·4	2·3
	Maldon ...	oc	b	49	66	-	-	5·2	2·1
	Clacton-on-Sea	obcbc	bc	50	57	-	-	5·1	3·0
	Dovercourt ...	bcc	bc	51	59	-	-	5·9	2·6
	Lowestoft ...	cmo	bcbcb	51	57	-	-	3·6	1·4
	Skegness ...	owmbc	b	48	64	-	-	5·5	0·9
	Mablethorpe	cbc	bc	48	64	Trace	-	7·4	0·1
	Cleethorpes...	b	bbc	46	67	-	-	8·0	0·6
3	Leamington S.	oc	bc	45	64	-	-	6·8	0·3
4	Cheltenham†	cwbcb	bbcg	46	64	-	-	7·9	0·4
5	Bath	cbcb	bbc	49	65	-	-	6·7	0·3
	Weymouth ...	cb	b	49	58	-	-	7·0	1·3
	Jersey ...	b	bc	43	68	-	-	9·8	10·5
	Torquay ...	cw	bcbbc	49	56	-	-	7·4	2·6
	Penzance ...	cb	b	49	57	-	-	6·9	0·4
	St. Ives ...	b	b	48	60	-	-	8·0	0·5
	Bude	cbc	bc	49	62	-	-	8·6	0·0
	Ilfracombe ...	bcb	bbc	49	59	-	-	8·0	1·0
6	Aberystwyth	cr3c	cbbc	47	58	0·3	-	4·8	0·1
7	Llandudno ...	bc	bc	46	60	-	-	10·0	1·6
	Colwyn Bay...	bcbcb	bcbcb	48	56	-	-	9·8	0·0
	Rhyl	b	bbc	48	60	-	-	10·1	0·8
8	Wallasey ...	bcb	b	46	61	-	-	10·2	0·3
	Southport‖ ...	cbc	bbcb	48	59	0·2	-	7·1	0·0
	Blackpool ...	cbc	bcc	47	55	-	-	8·3	0·0
	Morecambe ...	cbbc	b	48	54	-	-	4·5	0·0
9	Ilkley... ...	ocbc	b	48	60	-	-	3·8	0·0
10	Berwick-on-T.	o	oc	50	56	-	-	0·4	7·9
11	Dunbar ...	bc	bc	50	61	-	-	0·3	8·7
12	Troon... ...	r3oc	cbcc	47	54	Trace	-	2·9	1·8
	Douglas ...	c	cb	45	50	-	-	1·2	0·0

† 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. 11th Apl. 1933.
1. S.E. England 2. E. England... 3. E. Midlands	Light or moderate south or southwest wind; mainly fair, but perhaps local thundery showers; rather warm.
4. W. Midlands 5. S.W. England 6. South Wales	Light winds between south and west; mainly cloudy, local coastal mist or fog; rather warm inland.
7. North Wales 8. N.W. England 9. N Midlands	Light or moderate southwesterly winds; cloudy, local drizzle; mild.
10. N.E England	Light or moderate southwest wind; cloudy, bright intervals; mild.
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	Light or moderate southwest winds; cloudy, local rain or drizzle; mild.
13. A. W Scotld. B. N.W. Scotland.	
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands. 17. N.W Ireland	Moderate southwesterly wind, fresh locally; cloudy, occasional rain; mild or moderate temperature.
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light or moderate south or southwest wind; cloudy, local drizzle; mild.

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BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◎ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ○Clear sky. ◔Sky less than 1/10 clouded. ◑Sky 1/10 to 5/10 clouded. ◕Sky 5/10 to 9/10 clouded. ●Overcast sky. ●Rain falling. ✳Snow. ✳Sleet
≡ Fog ≡ Mist. T Thunder. K Thunderstorm.
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 South Germany and pressure is low to north and northwest of the British Isles. Weather will be unsettled in the North and West but will be mainly fair over England and Wales apart from local thundery showers.

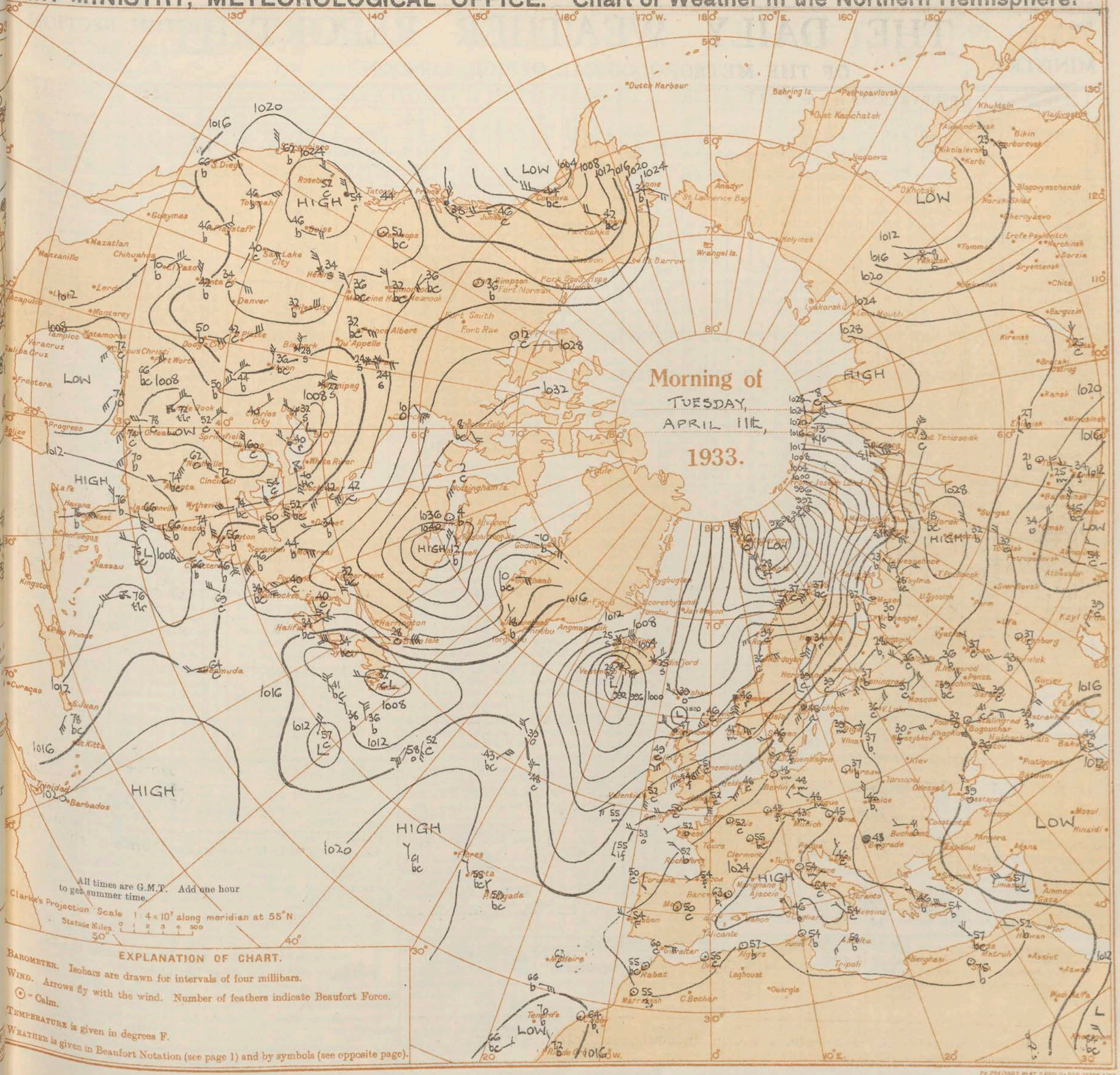
FURTHER OUTLOOK.

Unsettled in the North and West; mainly fair in the Southeast.

Forecasts issued at 0920 G.M.T.

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

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 11th April 1933.

No. 26.073.

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

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	1019.7	-2	SE	3	C	47	95	6	-	7	6	0	9	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot,(S'thmtn)	8														
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1020.9	-6	S	2	C	45	95	7	-	-	7	0	9+	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	1018.8	-4	SW'S	3	bc	47	95	6	-	-	2	0	4-6	-
	Cranwell ...	240														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1017.9	-12	E'S	3	C	49	95	7	4	-	-	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	1017.1	0	S	2	0	52	95	8	5	-	-	10	10	2500
	Scilly (St. Mary's)	163	1016.2	0	SW	3	C	51	95	6	5	-	-	9+	9+	4000
	Guernsey ...	175	1018.8	-6	-	0	bc	54	75	7	-	1	-	0	4-6	-
6	Pembroke ...	142	1014.9	-4	SSE	2	C	49	85	7	-	-	7	0	10	-
7	Holyhead ...	26	1014.7	-10	SSW	4	C	51	75	7	-	-	7	0	10	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1016.6	-2	SSW	2	bc	49	95	7	-	4	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	1014.0	-10	W	3	bc	50	85	7	4	-	-	4-6	4-6	4000
11	Inchkeith ...	190	1012.0	-6	SW	2	C	49	85	8	5	7	-	4-6	7-8	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1001.2	-8	SW	7	ic	48	95	7	9	7	-	7-8	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1005.4	-16	SSW	4	bc	48	85	8	5	-	8	2-3	2-3	4000
16	Lerwick ...	54	1004.6	+4	S	4	C	45	95	7	5	-	-	9+	9+	1500
17	Blacksod Point	18	1009.8	+4	SW	5	C	50	95	7	5	-	-	10	10	220
18	Malin Head ...	52	1008.3	0	S	4	C	51	95	7	5	2	-	9	9+	1500
	Aldergrove ...	298	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1013.3	0	SE	3	C	51	95	8	7	-	-	10	10	2500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)...	1017.5	-6	S	1	C	49	85	5	-	3	8	0	9	-	0	*
	Croydon ...	1017.5	-10	SSE	4	C	52	75	7	-	3	9	0	7-8	-	0	*
	S. Farnborough	1017.2	-6	SSE	2	C	50	85	6	-	4	7	0	9	-	0	*
	Winchester ...	1017.1	-4	SSE	2	C	48	95	7	-	7	7	0	10	-	0	*
	Boscombe Down	1016.7	-6	SSE	3	C	49	85	6	-	7	8	0	9	-	0	*
	Calshot,(S'thmtn)	1017.5	0	E'S	3	m	49	95	4	5	9	-	2-3	7-8	4000	0	1
	Dungeness ...	*	*	S	1	C	*	*	5	5	7	*	2-3	7-8	1500	*	2
	Lympne ...	1019.3	-4	SSE	2	C	52	85	7	-	-	9	0	9	-	0	*
2	Shoeburyness	1017.9	-4	S	1	C	50	95	6	-	1	9	0	9	-	0	*
	Felixstowe ...	1018.2	-4	S	1	C	49	95	7	-	-	7	0	9+	-	0	0
	Gorleston ...	1017.1	-4	SW W	3	C	47	95	6	-	7	-	0	9	-	0	2
	Cranwell ...	1015.5	-6	SW'S	3	C	51	75	7	-	7	-	0	9+	-	0	*
3	Birmingham ...	1015.3	-6	SW	3	C	51	75	7	6	2	-	7-8	10	1500	0	*
	Upper Heyford	1016.5	-8	S	3	3c	49	85	6	5	2	-	7-8	10	5700	0	*
4	Ross-on-Wye ...	1015.5	-8	S	1	C	47	85	7	5	2	-	1	10	5700	0	*
5	Portland Bill...	1017.8	-4	SW	3	C	51	95	7	4	-	-	10	10	2500	0	3
	Plymouth ...	1016.0	0	S	3	if	51	95	6	5	-	-	9+	9+	<150	0	2
	The Lizard ...	1016.1	+2	SW	2	of	50	95	1	5	-	-	10	10	800	0	1
	Scilly (St. Mary's)	1016.2	+2	W	2	C	50	95	5	5	-	-	9+	9+	1500	0	1
	Guernsey ...	1017.6	-6	-	0	C	56	65	7	-	3	8	0	7-8	-	0	2
6	Pembroke ...	1014.5	+4	WSW	1	F	48	95	1	.	.	.	10	10	<150	1	1
7	Holyhead ...	1014.4	+2	SW'S	3	5	48	95	2	.	.	.	10	10	<150	1	0
	Chester (Sealand)	1014.6	0	SW	1	3o	50	85	5	5	7	-	2-3	9+	2500	0	*
8	L'pool (Bidston)	1014.5	0	SE	2	cip	51	75	8	9	1	-	4-6	7-8	2500	0	*
9	Harrogate ...	1014.0	-6	SW	2	C	51	75	6	-	1	6	0	9	-	0	*
10	Spurn Head ...	1014.8	-6	SSW	3	C	48	95	7	-	2	8	0	9	-	0	2
	Catterick ...	1013.4	-2	SW	2	C	51	75	6	-	3	8	0	9	-	0	*
	Tynemouth ...	1011.9	-4	SW	2	C	51	75	5	4	6	-	4-6	7-8	4000	0	1
11	Inchkeith ...	1009.7	-6	SW	4	C	50	85	8	5	3	1	4-6	7-8	2500	0	3
	Leuchars ...	1010.0	-6	SSW	4	ic	50	85	7	6	2	-	7-8	10	1500	0	*
12	Renfrew (Abbotts I)	1010.5	-4	SW'S	4	id.	49	85	6	5	-	-	10	10	1500	1	*
	Eskdalemuir ...	1012.2	+2	SSW	4	0	46	95	5	5	-	-	10	10	<150	1	*
13A	Tiree	1008.3	+26	WSW	4	DD	48	95	5	5	-	-	10	10	220	1	3
13B	Stornoway ...	1001.6	+16	NW	5	ir	47	95	6	9	7	-	7-8	9+	800	1	3
15	Dalwhinnie ...	1007.4	-2	W	3	C	47	85	7	4	4	-	4-6	10	1500	1	*
	Aberdeen ...	1008.0	+2	SSE	3	C	48	85	6	8	4	9	7-8	7-8	1500	1	1
	Wick	1002.9	-8	SW	5	c/pc.	49	85	8	8	7	8	7-8	9+	1500	1	3
16	Lerwick ...	1001.9	-12	S'W	3	C	46	95	7	5	2	-	4-6	9+	1500	1	*
17	Blacksod Point	1010.2	+4	-	0	rr	51	95	7	6	-	-	10	10	<150	1	2
18	Malin Head ...	1008.2	+14	SW	4	C	49	95	7	4	6	2	4-6	7-8	800	0	2
	Aldergrove ...	1011.9	+2	S'W	3	C	50	95	7	5	-	-	10	10	800	1	*
	Donaghadee ...	1011.9	0	SW	2	bc	51	85	8	5	3	2	2-3	4-6	1500	0	1
19	Birr Castle ...	1013.1	+2	S	1	C	50	95	8	5	-	-	10	10	2500	0	*
20	Valentia Obsy.†	1013.3	+4	SE	3	C	52	95	7	5	-	-	10	10	450	0	2
	Roches Point...	1014.6	+6	N	2	C	49	95	8	5	-	-	7-8	7-8	2500	1	2

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 10th Hrs. (36)
1	London (Kew)...	65	46	38	-	-	6.7
	Croydon ...	66	47	44	-	-	6.9
	S. Farnborough	66	46	36	-	-	6.9
	Winchester ...	64	43	35	-	-	6.4
	Boscombe Down	63	41	38	-	-	6.8
	Calshot,(S'thmtn)	58	47	38	-	-	5.9
	Dungeness ...	56	40	*	-	-	*
	Lympne ...	59	44	39	-	-	5.6
2	Shoeburyness	64	43	37	-	-	6.1
	Felixstowe ...	57	43	35	-	-	5.5
	Gorleston ...	58	46	43	-	-	5.5
	Cranwell ...	66	48	45	-	-	5.0
3	Birmingham ...	63	49	47	-	-	8.2
	Upper Heyford	65	41	40	-	-	*
4	Ross-on-Wye ...	64	47	41	-	-	9.1
5	Portland Bill...	55	46	*	-	-	*
	Plymouth ...	58	50	44	-	-	8.6
	The Lizard ...	57	49	*	-	-	*
	Scilly (St. Mary's)	56	49	*	-	-	8.7
	Guernsey ...	61	54~~55~~	46	-	-	11.3
6	Pembroke ...	54	47	*	-	Tr	5.3
7	Holyhead ...	52	47	43	-	-	1.6
	Chester (Sealand)	67	48	43	-	-	9.3
8	L'pool (Bidston)	58	50	46	-	-	10.5
9	Harrogate ...	60	46	38	-	-	4.6
10	Spurn Head ...	67	46	*	-	Tr	7.2
	Catterick ...	57	43	38	-	-	6.2
	Tynemouth ...	60	48	42	-	-	*
11	Inchkeith ...	56	47	44	-	-	2.3
	Leuchars ...	58	49	45	-	Tr	1.6
12	Renfrew (Abbotts I)	58	49	47	-	Tr	4.8
	Eskdalemuir ...	50	44	41	-	-	0.7
13A	Tiree	53	47	44	-	0.6	0.0
13B	Stornoway ...	51	47	*	-	!	0.0
15	Dalwhinnie ...	54	44	28	-	!	3.4
	Aberdeen ...	59	46	44	-	-	0.0
	Wick	56	47	*	-	Tr	*
16	Lerwick ...	49	45	*	0.4	2	0.0
17	Blacksod Point	53	49	*	-	0.4	*
18	Malin Head ...	58	48	*	-	-	0.3
	Aldergrove ...	59	49	45	-	-	3.5
	Donaghadee ...	60	46	*	-	-	*
19	Birr Castle ...	58	47	35	-	-	2.3
20	Valentia Obsy.†	55	51	49	0.1	Tr	1.4
	Roches Point...	53	45	*	0.1	Tr	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations, except Greenwich & Hampstead rainfall, 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	cbc	bbcy	bcycm.	65	46	38	-	-	6.7	*	*	6
CROYDON	217	c3.cbc	bcby	cbccm.	66	47	44	-	-	6.9	*	*	6
GREENWICH (Royal Observatory) ...	149	cb	by	cW.cBy	70	45	36	-	-	6.7	52	55	6
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	6.4	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	67	49	43	-		6.5	47	55	*
‡REGENTS PK. (Botanic Gardens)	168	*	*	*	67	49	39	-		6.2	66	58	*
CAMDEN SQUARE	110	oc	bcb	*	68	49	42	-	-	*	*	55	*
KENSINGTON	80	co	cbc	*	68	47	41	-	-	6.4	At 18h. 59		*
HAMPSTEAD OBSERVATORY	450	o	bc	bc	66	47	40	-	-	6.3	57	90	*

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 10th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 11th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
PARIS	1020.9	-	0	b	64	1021.3	-	0	C	52
BRUSSELS	1021.8	W	1	bc	55	1020.3	S	3	C	54
BERLIN	1020.2	NNW	2	3o	50	1022.0	SW	1	m	48
ZÜRICH	1021.1	NNW	4	C	63	1023.4				45
ROME	1021.9	WSW	2	C	59	1022.1	NE	1	C	54

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

SOUTH KENSINGTON. Max.	Time.	Min.	Time.
0.3	7-9h 10h	NIL	0-5h 11h

KEW OBSERVATORY. Max.	Time.	Min.	Time.
0.1	19h 10h	<0.1	17h 10h

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
72	45	-	-
61	45	-	-
54	45	2	-
68	43	-	Tr
68	39	-	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 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.

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.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 12h April 1933.

No. 26.074

OBSERVATIONS at 13h. G.M.T. 11h April

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)	1015.3	-10	SW	4	c	70	45	8	-	7	8	0	9	-
	Croydon	1016.0	-8	SSW	4	c	69	35	7	-	-	6	0	7-8	-
	S. Farnborough	1015.2	-10	SW/W	5	c	69	45	8	-	7	6	0	9+	-
	Winchester	1015.4	-6	S	4	c	65	55	7	5	2	-	4-6	10	5700
	Boscombe Down	1015.3	-10	SSW	4	c	61	55	7	5	7	-	7-8	9+	2500
	Calshot, S'thmtn	1016.5	-2	SW/S	3	c	58	75	6	-	-	6	0	9	-
	Dungeness	*	*	SW	2	bc	*	*	5	5	4	*	4-6	4-6	800
	Lympne	1017.4	-10	SW/S	3	c	63	55	7	-	-	9	0	9	-
2	Shoeburyness	1015.7	-12	SSW	3	c	70	55	7	-	7	9	0	7-8	-
	Felixstowe	1016.1	-12	S'E	3	c	56	75	7	-	-	8	0	7-8	-
	Gorleston	1015.2	-10	SSE	4	c	55	85	6	-	7	-	0	7-8	-
	Cranwell	1014.0	-8	WSW	3	c	63	65	6	-	3	6	0	9	-
3	Birmingham	1014.6	0	WSW	2	c	60	65	7	1	5	-	2-3	7-8	2500
	Upper Heyford	1014.6	-10	SW	4	c	65	55	7	-	1	8	0	7-8	-
4	Ross-on-Wye	1014.9	-8	SSW	2	c	60	65	6	5	-	-	10	10	4000
5	Portland Bill	1016.3	-6	SW	2	c	51	95	6	4	-	-	10	10	1500
	Plymouth	1016.1	-2	SSW	3	3o	55	95	6	5	1	-	9	9+	450
	The Lizard	1016.7	0	WSW	2	3o	54	85	7	7	1	-	4-6	7-8	1500
	Scilly (St. Mary's)	1017.4	+2	WSW	2	c	55	85	6	8	-	-	9+	9+	4000
	Guernsey	1017.6	+2	W	2	c	59	75	6	7	3	8	4-6	7-8	4000
6	Pembroke	1016.0	+2	W	2	f	48	85	2	5	-	-	10	10	<150
7	Holyhead	1015.0	+2	SSW	4	bc/f	50	85	3	-	-	1	0	1	-
	Chester (Sealand)	1014.4	0	WNW	2	bc	60	75	6	8	-	1	4-6	4-6	4000
8	L'pool (Bidston)	1014.6	0	NW	2	bc/f	49	95	5	-	-	8	0	2-3	-
9	Harrogate	1013.9	0	SW	3	bc	59	85	7	5	-	1	2-3	4-6	4000
10	Spurn Head	1014.0	-4	W/S	3	c	61	75	6	5	1	8	4-6	9	1500
	Catterick	1012.7	-4	SW/S	3	bc	61	65	8	1	-	9	2-3	4-6	4000
	Tynemouth	1012.2	0	W	4	bc	60	65	8	8	-	-	4-6	4-6	4000
11	Inchkeith	1011.3	+8	W	3	c	52	75	6	8	-	-	9	9	2500
12	Leuchars	1011.0	+10	WSW	4	bc	59	55	8	8	5	6	4-6	4-6	1500
	Renfrew (Abbotts I)	1011.8	+6	SW	4	c	55	75	7	8	-	-	9	9	2500
	Eskdalemuir	1012.1	+2	S'W	4	c	53	75	8	5	3	-	4-6	9	1500
13A	Tiree	1010.6	0	SSW	3	c	52	75	8	5	7	-	7-8	9+	2500
13B	Stornoway	1006.7	+8	W	3	c	50	75	8	8	7	-	4-6	9	1500
15	Dalwhinnie	1009.6	+12	W	3	bc	55	65	8	4	1	-	2-3	4-6	2500
	Aberdeen	1008.6	+6	WNW	3	c	60	45	8	8	-	-	7-8	7-8	2500
	Wick	1007.4	+40	WNW	5	c	50	65	8	8	1	8	7-8	9	2500
16	Lerwick	1003.0	+16	W	4	c	48	85	8	5	2	-	4-6	9	1500
17	Blacksod Point	1011.7	+6	WSW	3	c	54	95	7	6	-	-	10	10	800
18	Malin Head	1010.2	0	NW	1	r	52	95	7	8	2	-	9+	10	800
	Aldergrove	1012.5	-2	SSW	3	ir	54	95	6	5	-	-	10	10	800
	Donaghadee	1012.2	-2	SW	2	c	59	75	8	8	-	-	7-8	7-8	1500
19	Birr Castle	1013.4	0	SW	2	c	59	75	8	5	-	-	9+	9+	2500
20	Valentia Obsy.	1014.3	+2	S	3	c	56	95	8	5	-	-	9+	9+	450
	Roches Point	1015.6	+4	SW	3	c	53	95	7	5	-	-	9	9	1500

OBSERVATIONS at 18h. G.M.T. 11h April

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)	1014.0	-4	WSW	3	c	62	45	7	-	7	-	0	10	-	0	*
	Croydon	1014.4	-2	SW/S	2	c	63	55	7	5	7	-	4-6	9+	7200	0	*
	S. Farnborough	1014.3	-4	SW	2	c	59	65	7	-	7	0	0	10	-	0	*
	Winchester	1014.7	-2	SW/S	2	c	56	85	6	5	7	-	9	9+	5700	0	*
	Boscombe Down	1014.6	-2	WSW	2	c	55	85	6	5	-	-	10	10	4000	0	*
	Calshot, S'thmtn	1015.3	-2	SW/S	4	c	52	85	6	-	7	-	0	9+	-	0	1
	Dungeness	*	*	SW	1	c	*	*	6	5	-	*	9	9	800	*	1
	Lympne	1015.5	-10	SW	2	c	58	65	7	-	7	8	0	9+	-	0	*
2	Shoeburyness	1014.3	-4	SSW	3	c	60	65	8	-	7	-	0	9+	-	0	*
	Felixstowe	1013.8	-12	SSW	3	c	59	75	7	5	7	-	4-6	10	5700	0	1
	Gorleston	1013.4	-4	~~NEE~~ SE	2	c	56	75	6	5	-	-	9+	9+	2500	0	2
	Cranwell	1013.1	-6	WSW	2	3o	61	65	6	-	-	9	0	4-6	-	0	*
3	Birmingham	1013.6	-6	WSW	2	bc	61	95	8	1	-	6	Tr	2-3	2500	0	*
	Upper Heyford	1014.2	+2	SW	3	c	59	65	7	-	7	9	0	9+	-	0	*
4	Ross-on-Wye	1013.8	-8	SW	3	c	59	75	6	-	-	5	0	7-8	-	0	*
5	Portland Bill	1015.6	-8	SW	3	of	50	95	3	5	-	-	10	10	800	0	3
	Plymouth	1015.8	-2	W	2	3o	53	95	6	-	3	6	0	7-8	-	0	2
	The Lizard	1016.9	0	SW	3	c	52	95	8	4	-	-	10	10	2500	0	2
	Scilly (St. Mary's)	1017.0	-2	SW/S	2	c	53	95	7	5	4	-	9	9+	4000	0	1
	Guernsey	1016.9	-6	WNW	3	c	53	85	6	5	-	-	7-8	7-8	4000	0	2
6	Pembroke	1015.2	-4	WSW	1	f	46	95	1	5	-	-	10	10	<150	0	1
7	Holyhead	1014.3	-4	SSW	4	c	49	85	7	5	-	-	9+	9+	4000	0	1
	Chester (Sealand)	1014.0	-4	WNW	2	bc	55	85	6	5	-	-	4-6	4-6	4000	0	*
8	L'pool (Bidston)	1014.1	-4	-	0	c	53	75	7	7	-	-	7-8	7-8	2500	0	*
9	Harrogate	1013.3	-6	SW	1	b	57	75	8	1	9	9	Tr	1	4000	0	*
10	Spurn Head	1011.4	-4	NNW	2	3o	53	85	5	5	3	-	4-6	7-8	800	0	1
	Catterick	1012.5	0	WSW	3	b	57	65	8	4	4	-	Tr	1	4000	0	*
	Tynemouth	1011.6	+4	W	3	bc	56	75	7	2	-	1	2-3	4-6	2500	0	1
11	Inchkeith	1010.8	-6	W	2	pr	55	75	7	3	6	1	7-8	9	2500	0	1
12	Leuchars	1010.5	-4	SW	3	c	57	65	8	8	5	1	2-3	9+	2500	0	*
	Renfrew (Abbotts I)	1010.4	-6	SW	4	id	55	85	7	9	-	-	9+	9+	800	1	*
	Eskdalemuir	1012.1	-2	S'W	4	pr	51	85	7	8	1	-	9	9+	1500	1	*
13A	Tiree	1008.8	-14	S	4	id	49	95	5	5	-	-	10	10	450	1	3
13B	Stornoway	1004.9	-8	SW	3	c	48	75	9	8	7	9	2-3	7-8	1500	1	1
15	Dalwhinnie	1010.4	0	W	2	ir	47	95	7	4	4	-	4-6	10	1500	1	*
	Aberdeen	1010.0	+6	ESE	1	c	48	85	8	8	-	-	7-8	7-8	2500	1	1
	Wick	1007.7	0	W	2	c	48	75	8	8	4	8	4-6	7-8	2500	0	2
16	Lerwick	1006.0	+14	W	3	c	45	65	8	5	-	-	7-8	7-8	1500	1	*
17	Blacksod Point	1011.8	+2	W	3	id	51	95	7	6	-	-	10	10	<150	1	2
18	Malin Head	1009.5	-6	W/S	4	c	52	95	7	8	7	-	9	9+	800	1	2
	Aldergrove	1011.1	-4	SSW	4	c	58	75	8	8	-	-	9+	9+	1500	1	*
	Donaghadee	1011.3	-2	SW	2	bc	56	85	8	8	-	-	4-6	4-6	1500	0	1
19	Birr Castle	1012.6	-4	SW	1	c/pr	56	85	8	8	-	-	7-8	7-8	2500	1	*
20	Valentia Obsy.	1014.1	-2	SSW	2	d/d	53	95	7	5	-	-	10	10	450	1	2
	Roches Point	1014.5	-6	SW	3	c	52	95	7	5	-	-	9	9	1500	0	3

PAST 24 HOURS.

Stations. (For heights see p. 4.)	Weather. 7h.–13h. 11h (37)	Weather. 13h.–18h. 11h (38)	Weather. 18h. 11h to 1h. 12h (39)	Weather. 1h.–7h. 12h (40)
London (Kew)	c3oC	cy	CO	cm°
Croydon	bccD3oy	cy	C	ccm°
S. Farnborough	cm°bcc	cy	C	ccw
Winchester	cm°C	ccm°	cm°	om
Boscombe Down	c3o	cic3o	cm°	cm°
Calshot, S'thmtn	cmm°	cm°		cm°om°
Dungeness	bc	o		f
Lympne	cbc	c	c*	cm°f
Shoeburyness	bcm°c	cy	C	cm°
Felixstowe	cbc°	bcc	c	cc2o
Gorleston	c	c3o	c3o	cm°m°
Cranwell	cc3o	e3o		bcwcm
Birmingham	cbc	bc	bbc	bcc
Upper Heyford	cbccy	cy	C	cm°w
Ross-on-Wye	c	cbcc	bcc	c
Portland Bill	cfc	c3o	c c3o	c2o
Plymouth	cifcm°	c3o	cm°	ccrorom°
The Lizard	ffcm	om°c	cpr m	cifrr
Scilly (St. Mary's)	cm°	C	cr°ro	rorom°
Guernsey	c	C	c	co
Pembroke	CF	cFeFec	cFeFec	cFec
Holyhead	Fif	ifc	cm°c	roc
Chester (Sealand)	cbc3o	a°cbc	bcm°	cro dom°
L'pool (Bidston)	cbfm°	bbcc	cbcc	ccpro
Harrogate	cbc	beb	b	bbcc
Spurn Head	bc	c3	3c	cf
Catterick	cm°bc	bcc	bbc	bcc
Tynemouth	cbc	bc	bc	bcc
Inchkeith	c	c	c	cpr°
Leuchars	cpr°bc	beyc	cprc	bcbw
Renfrew (Abbotts I)	cd°m°c	cid°	cd°cir	cbcpr°
Eskdalemuir	oc	ccpr°	oidrc	c
Tiree	id°c	cicDRm°	oidmbc	prbc
Stornoway	cpr	cpr°	cprbc	bccphrq
Dalwhinnie	c	bc	*	ir
Aberdeen	cbcy	bcycpr°	coir°	cbcb
Wick	cpr°c	c	c	cbc
Lerwick	cir°	cir°	cprbcc	cphr
Blacksod Point	C	iD	iD	p°bc
Malin Head	e	cpr	cp°dr	c
Aldergrove	cd°d m°	ercvjp	cvcrbc	bc
Donaghadee	bcc	cpr°bc	cir°	cir°bc
Birr Castle	c	cpr	cpr	c
Valentia Obsy.	ceid°c	cid°idro	od°door	oidoc
Roches Point	cid°c	c	idftec e	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_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.*

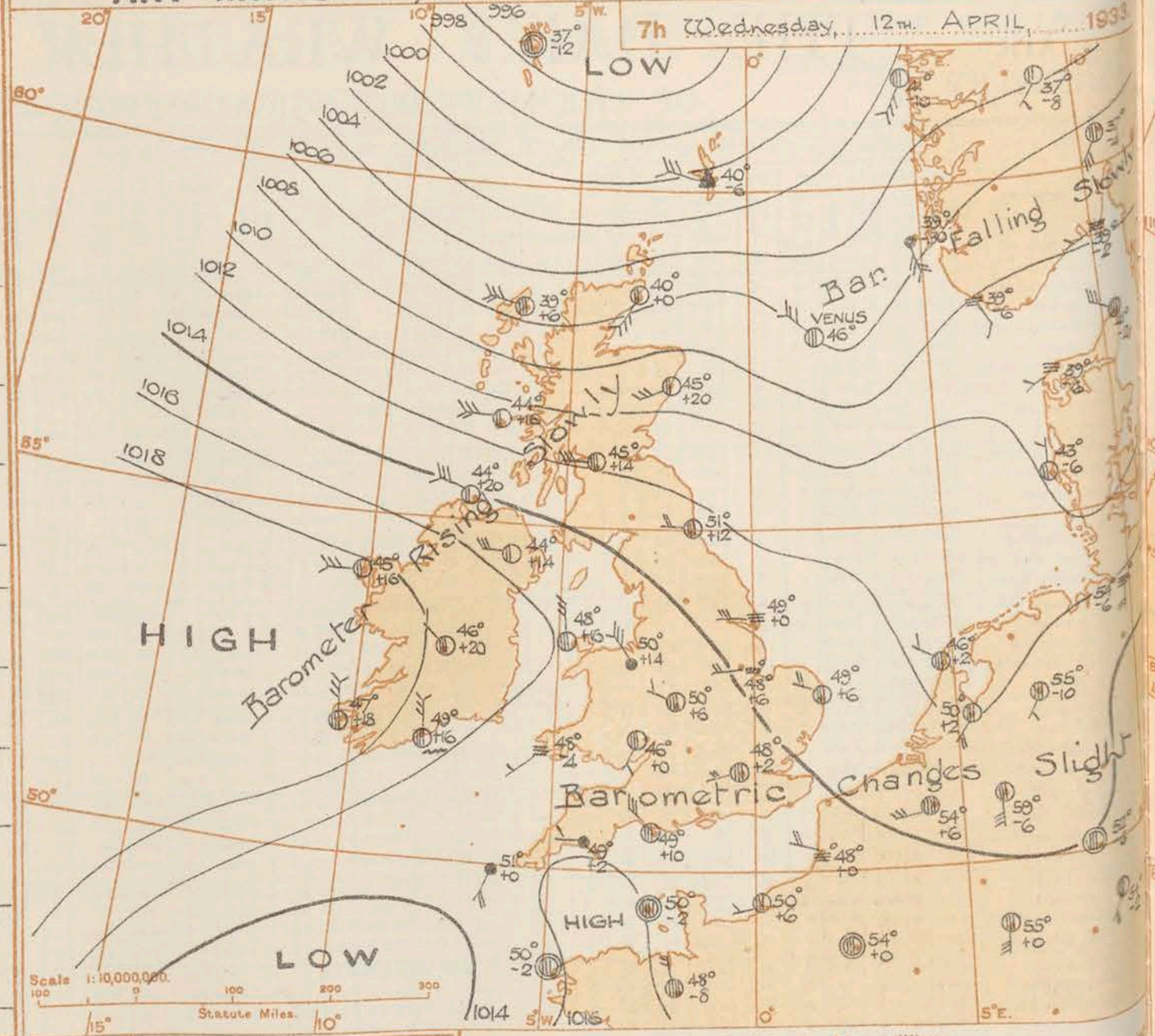
REPORTS from HEALTH RESORTS for 11h. April 1933.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 10h. to 9h. 11h.	Temperature. Max. 9h.—17h. 11h.	Rainfall. Night. 17h. 10h. to 9h. 11h.	Rainfall. Day. 9h.—17h. 11h.	Sunshine. Sunrise to 17h. 11h.	Sunshine. Sunrise to Sunset. 10h.
1	Tunbridge W.	bc	co	41	69	-	-	4·5	7·5
	Bournemouth	oc	co	47	59	-	-	1·2	6·4
	Ventnor ...	ocbo3	bcco5	48	60	-	-	2·8	5·8
	Southsea ...	obbc	bo	47	63	-	-	2·1	5·8
	Bognor Regis	bc	bcc	44	56	-	-	2·9	5·0
	Littlehampton	cbc	bcc	44	57	-	-	3·0	5·2
	Worthing ...	cbc	c	46	57	-	-	2·8	5·0
	Brighton ...	bc	bcc	45	58	-	-	3·4	4·8
	Eastbourne†	cbcc	co	43	61	-	-	2·2	4·5
	Hastings† ...	cbcbbc	bcco	44	60	-	-	3·3	6·3
	Folkestone ...	bc	bcc	45	62	-	-	4·2	4·7
	Dover... ...	bc	bcc	47	60	-	-	5·2	4·9
	Deal	dbcb	co	47	66	-	-	4·8	6·2
	Ramsgate ...	bbc	bcc	47	65	-	-	4·2	6·4
	Margate ...	bc	bcc	48	72	-	-	5·9	7·0
2	Southend ...	bc	bcc	47	67	Tr.	-	3·2	7·2
	Maldon ...	bbc	co	41	71	-	-	2·8	5·4
	Clacton-on-Sea	cbcc	c	47	59	-	-	3·0	5·6
	Dovercourt ...	bc	bcc	47	63	-	-	4·3	6·3
	Lowestoft ...	c3o3	bcc3	45	63	-	-	2·7	3·9
	Skegness ...	om bc	bcom	48	67	-	-	2·0	5·7
	Mablethorpe	cbc	c	46	67	-	-	1·2	7·4
	Cleethorpes ...	oc	co	46	68	-	-	1·3	8·7
3	Leamington S.	oc	cbc	49	64	-	-	1·7	6·9
4	Cheltenham†	cmoc	cbcq	47	62	-	-	2·6	8·5
5	Bath	c	c	48	61	-	-	0·1	7·5
	Weymouth ...	mc	co	48	57	-	-	0·9	7·3
	Jersey ...	bcc	cbcc	52	62	-	-	4·0	9·8
	Torquay ...	ow3oc	cq	46	61	-	-	0·2	7·9
	Penzance ...	ocbc	o	50	60	-	-	2·0	6·9
	St. Ives ...	o	c	49	55	-	-	2·9	8·1
	Bude	om	om	51	52	-	-	0·0	9·1
	Ilfracombe ...	oc	om	51	55	-	-	0·1	8·0
6	Aberystwyth	bccm	cmom	48	50	-	-	0·0	5·3
7	Llandudno ...	bbc	bc	50	60	-	-	7·6	10·6
	Colwyn Bay...	3bc	bcc	51	63	-	-	6·8	10·4
	Rhyl	bc	bcc	50	56	-	-	5·0	10·7
8	Wallasey ...	cbcbm	mbbcc	51	54	-	-	3·7	10·8
	Southport‖ ...	moc	cobcb	48	58	-	-	3·7	7·8
	Blackpool ...	om	omc	45	58	-	-	1·5	8·7
	Morecambe ...	c	cbbcc	43	56	-	-	0·8	5·0
9	Ilkley... ...	cbc	b	40	62	-	-	5·2	4·2
10	Berwick-on-T.	cbc	bc	47	62	-	-	5·8	0.4
11	Dunbar ...	bc	bc	47	60	-	-	5·60	0.3
12	Troon... ...	oroc	crc	47	54	Tr.	Tr.	4·2	3·3
	Douglas ...	cbc	cb	46	56	-	-	0·6	1·3

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Wednesday, 12th. April, 1933



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 12th Apl. 1933.
1. S.E. England 2. E. England .. 3. E. Midlands	Light or moderate west to northwest wind; cloudy at first with slight rain locally, bright intervals and showers later; mild becoming cooler.
4. W. Midlands 5. S.W. England 6. South Wales	Light variable wind becoming northwest or north; cloudy, with occasional rain or drizzle and local coastal fog at first, bright intervals and showers later; becoming cooler.
7. North Wales 8. N.W. England 9. N Midlands 10. N.E. England 11. S.E. Scotland	Moderate west or northwest wind; cloudy, some showers, bright intervals; cooler.
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 northwesterly wind; bright intervals and showers of rain or hail, with sleet or snow locally on hills; colder.
17. N.W. Ireland 18. N.E. Ireland	Moderate or fresh northwest wind; bright intervals and showers of rain or hail; colder.
19. S.E. Ireland 20. S.W. Ireland	Moderate north or northwest wind; bright intervals and showers; cooler.

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 4/10 to 5/10 clouded. ◕Sky 6/10 to 7/10 clouded. ●Overcast sky. ●Rain falling. ✳Snow. ✳Sleet. ≡Fog. ≡Mist. ϒThunder. ⊠Thunderstorm.
SEA DISTURBANCE ~~Rough. ≈≈High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A depression centred near the Faeroes and a shallow depression over the Bay of Biscay are likely to move southeast. In the West and North weather will be cooler with showers of rain or hail, while sleet or snow will occur locally on the hills in Scotland.

In the South and Southeast weather will be cloudy and mild at first with slight rain locally, but will be succeeded by cooler conditions with showers and bright intervals.

FURTHER OUTLOOK.

Bright intervals and showers and cooler.

Forecasts issued at 0920 G.M.T.

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

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

Morning of WEDNESDAY, 12th APRIL, 1933.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 12H April 1933.

No. 26.074

OBSERVATIONS at 1 hr. G.M.T. 12H April

Diagram	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (5)	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	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croyden	217	1014.8	-2	SW'W	3	c	53	85	7	5	7	-	2-3	9+	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8														
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1014.9	-8	W	2	c	48	95	7	-	-	7	0	9+	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	14	1012.3	-10	SW'S	1	c	56	85	7	-	3	-	0	9+	-
	Cranwell	240														
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1015.6	-2	WNW	3	c	48	95	6	4	-	-	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	222	1016.5	-2	WSW	2	c/pr	51	95	7	5	-	-	10	10	2500
	Scilly (St. Mary's)	163	1016.8	-4	SSW	2	r. r.	51	95	6	6	-	-	9+	9+	2500
	Guernsey	175	1016.2	-8	WNW	2	c	50	95	7	8	-	-	7-8	7-8	4000
6	Pembroke	142	1015.0	-4	SSW	1	.F	47	95	1	5	-	-	10	10	<150
7	Holyhead	26	1014.3	-2	SSW	4	id.	49	95	6	5	-	-	10	10	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1012.4	0	WNW	3	bc	49	95	6	5	2	8	2-3	4-6	800
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	4-6	4-6	2500
	Tynemouth	67	1011.3	-10	W	2	bc	63	85	7	2	-	-	9+	9+	1500
11	Inchkeith	190	1009.4	-6	SW	3	pr	50	95	8	6	-	-	9+	9+	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I.)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1004.6	+16	SW	3	pr	42	75	8	8	6	-	2-3	4-6	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1004.5	-4	WSW	4	c	47	85	8	5	1	-	4-6	7-8	2500
16	Lerwick	54	1002.9	-24	S'W	4	c	44	85	8	5	-	-	7-8	7-8	1500
17	Blacksod Point	18	1016.2	+16	W	2	c	47	75	8	-	5	-	0	7-8	-
18	Malin Head	52	1012.1	+10	W	4	c	47	75	7	8	7	-	9	9+	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1015.5	+6	S'W	2	c	49	95	6	8	-	-	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 12H April

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1014.5	+4	W'N	2	c	49	85	5	-	7	-	0	10	-	0	*
1014.7	+2	WSW	2	c	48	95	6	-	7	-	0	9+	-	0	*
1014.9	+6	W	1	c	47	95	6	5	-	-	10	10	1500	0	*
1015.1	+6	WSW	1	c	48	95	5	5	1	-	7-8	10	1500	0	*
1015.1	+6	WNW	2	c	48	95	5	5	7	9	4-6	9+	4500	0	*
1015.1	+10	W	2	c	49	95	6	5	-	-	10	10	800	0	1
*	*	SW	2	f	*	*	3	4	-	*	9+	9+	800	*	2
1014.7	+6	WSW	2	c/f	47	95	4	5	2	-	4-6	10	5700	0	*
1014.1	+6	W'N	2	c	52	95	6	5	1	-	7-8	9	5700	0	*
1013.3	+8	NW	2	c	52	85	6	5	-	-	9+	9+	7200	0	1
1013.2	+6	NW'W	2	c	49	85	6	-	3	-	0	9	-	0	1
1014.0	+6	W'S	2	cm	48	95	4	7	-	6	2-3	9+	4000	0	*
1014.8	+6	WNW	1	c	50	85	5	-	7	-	0	9	-	0	*
1014.9	+6	NW	2	c2.	49	85	6	5	4	7	2-3	10	7200	0	*
1015.1	0	SW	1	c	46	95	6	1	7	8	Tr	9	4000	0	*
1014.5	-10	NW	3	c	49	95	6	4	-	-	10	10	1500	-	2
1015.8	+2	W	1	r. r.	49	95	6	6	2	-	7-8	10	2500	1	1
1015.9	+2	SW	1	r f	51	95	6	5	-	-	10	10	800	1	2
1015.7	0	SW'S	2	r. r.	51	95	4	5	-	-	10	10	1500	1	1
1016.0	-2	-	0	r. r.	50	95	6	5	-	-	10	10	2500	0	2
1015.3	-4	SW	1	f	48	95	2	-	-	-	10	10	<150	1	1
1015.9	+16	N'W	3	c	48	95	8	5	3	-	9+	9+	2500	1	1
1015.2	+14	NNW	4	iD	50	95	5	6	-	-	10	10	800	1	*
1014.7	+8	NW	3	o/pr	47	95	8	6	-	-	10	10	2500	1	*
1013.5	+6	SW	1	c	49	95	7	5	-	-	9+	9+	2500	0	*
1012.4	0	W	3	f	49	95	3	5	3	-	4-6	7-8	450	0	2
1012.8	+12	SW'W	1	c	50	85	8	5	-	-	9+	9+	1500	-	*
1012.0	+12	W	2	c	51	85	6	6	-	-	7-8	7-8	1500	0	1
1011.7	+20	SW	3	c	49	75	8	4	7	-	4-6	7-8	1500	0	2
1012.1	+20	WSW	3	b	43	75	8	5	-	8	1	1	2500	1	*
1012.7	+14	W	3	c/pr	45	75	7	8	-	-	9	9	2500	1	*
1013.2	+20	WSW	2	c	44	75	9	8	-	2	7-8	9	2500	1	*
1013.0	+16	W	5	bc	44	65	8	8	-	-	2-3	2-3	1500	0	3
1004.9	+6	WNW	5	c/pr	39	85	7	9	7	-	4-6	7-8	1500	1	2
-	+10	W	2	bc	39	75	8	4	1	-	2-3	4-6	2500	1	*
1009.6	+20	WSW	3	bc	45	65	8	7	-	-	2-3	2-3	4000	1	1
1005.9	0	SW	4	bc	40	85	8	5	-	8	2-3	2-3	4000	0	2
1006.3	-6	WNW	3	pr(r)	40	85	7	9	-	-	9	9	1500	1	*
1019.0	+16	W	4	bc	45	85	8	8	6	-	4-6	4-6	1500	0	3
1014.6	+20	W'N	4	bc	44	85	7	4	8	-	2-3	4-6	2500	1	2
1015.7	+14	W	3	bc	44	75	9	8	3	-	2-3	2-3	2500	1	*
1015.2	+18	NW	2	bc	45	75	8	8	3	-	2-3	4-6	1500	0	1
1017.7	+20	NW	1	c	46	85	8	5	-	-	9	9	2500	1	*
1019.1	+18	N	4	c	47	75	9	5	-	1	7-8	7-8	1500	1	2
1016.6	+16	N	4	c	49	85	8	3	-	-	7-8	7-8	2500	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 Hrs. (36)
71	49	44	-	-	3.0
71	48	45	-	-	3.5
72	46	42	-	-	3.1
67	45	41	-	-	3.3
64	45	44	Tr	-	1.6
60	46	42	-	-	1.1
59	45	*	-	-	*
64	46	43	-	-	4.6
72	49	47	-	-	3.6
60	50	49	-	-	4.4
61	49	47	-	-	2.0
64	46	42	-	-	1.5
62	47	42	-	-	3.5
65	44	41	-	-	*
62	44	37	-	-	4.3
52	48	*	-	-	*
51	48	47	-	0.6	0.4
57	49	*	-	2	*
57	50	*	-	2	1.6
60	49	47	-	-	5.9
49	44	*	-	Tr	0.0
53	47	46	-	0.4	2.1
61	45	37	-	0.4	6.1
54	47	45	-	0.2	6.0
61	45	37	-	-	6.3
64	46	*	-	-	1.5
62	48	43	-	-	7.2
64	49	40	-	-	*
57	44	41	-	Tr	2.1
61	41	35	Tr	1	8.6
59	43	40	Tr	4	2.5
55	40	36	Tr	4	1.1
54	42	38	1	0.2	0.8
52	37	*	0.3	1	6.7
56	35	32	Tr	4	4.5
62	42	37	Tr	Tr	*
50	37	*	0.1	-	*
49	37	*	Tr	3	2.7
54	44	*	.2	1	*
55	43	*	5	1	1.3
60	42	34	0.3	1	1.0
61	43	*	0.5	2	*
62	45	43	2	0.5	0.7
(57)	47	45	0.2	0.3	0.0
55	48	*	Tr	0.2	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations. except Greenwich & Hampstead rainfall, 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	c2.c	cy	co	71	49	44	-	-	3.0	*	*	6
CROYDON	217	bcc⊕2cy	cy	c	71	48	45	-	-	3.9	*	*	5
GREENWICH (Royal Observatory)	149	cy	cy	cm	72	48	41	-	-	1.2	45	81	4
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	1.7	*	*	*
WESTMINSTER (St. James' Park)	27	*	*	*	72	49	45	-	-	1.8	36	91	*
‡REGENTS PK. (Botanic Gardens)	168	*	*	*	72	48	46	-	-	1.1	53	87	*
CAMDEN SQUARE	110			*	72	49	44	-	-	*	*	80	*
KENSINGTON	80	bcco	c	*	72	49	44	-	-	1.8	At 18h. 43	82	*
HAMPSTEAD OBSERVATORY	450	c	bc	*	70	46	39	-	-	1.4	*	78	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

SOUTH KENSINGTON.

Max.	Time.	Min.	Time.
0.6	11th 8-9h	Nil	11th 13-15h, 12th 0-6h

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
0.3	11th 7h	<0.1	11th 12h

FOREIGN OBSERVATIONS.

18h. G.M.T. 11H April

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
PARIS	1016.2	W	f	c	73
BRUSSELS	1015.9	S	2	c	66
BERLIN	1018.6	ESE	1	c	57
ZÜRICH	1019.9	ENE	2	bc	59
ROME	1022.3	SW	2	bc	64

7h. G.M.T. 12H April

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1014.6	-	0	c	54
1013.9	WSW	3	c	54
1014.0	E'S	2	2.	52
1018.0	ESE	1	2.	48
1022.5	-	0	f	55

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall Day. mm.	Rainfall Night. mm.
79	54	-	-
73	54	-	Tr
63	50	-	-
73	45	-	-
70	55	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Thursday, April 13th 1933.
No. 26.075

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	°F. Temp. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	1015.9	0	NW	2	ir$_o$	57	75	6	-	2	-	0	10	-
	Croydon	1015.9	+6	SW	1	r$_o$r$_o$	56	75	4	5	1	-	2-3	10	5700
	S. Farnborough	1016.0	+6	WNW	2	r$_o$r$_o$	55	85	6	5	1	-	4-6	10	1500
	Winchester	1016.1	+8	NW'N	2	r$_o$r$_o$	55	85	6	6	2	-	4-6	10	2500
	Boscombe Down	1016.1	+6	NW	1	r$_o$r$_o$	54	85	5	6	2	-	2-3	10	2500
	Calshot, S'thmtn	1015.6	+4	NW	2	ir$_o$	54	85	6	5	2	-	2-3	10	5700
	Dungeness	*	*	SSE	1	c	*	*	4	5	-	*	7-8	7-8	800
	Lympne	1015.5	+4	SE'E	2	3$_o$	60	75	5	-	3	8	0	9+	-
2	Shoeburyness	1015.6	+6	SSW	2	c	57	85	5	4	2	-	2-3	9+	2500
	Felixstowe	1015.0	0	SW'W	1	3$_o$	60	65	6	5	1	-	4-6	10	4000
	Gorleston	1014.3	+6	NNW	4	c	59	85	6	5	-	-	9+	9+	2500
	Cranwell	1015.4	+6	WNW	3	c3p	57	75	6	8	-	-	10	10	4000
3	Birmingham	1016.6	+6	NW	3	c	54	75	6	5	3	-	4-6	7-8	1500
	Upper Hayford	1016.2	+14	NNW	3	c/pr	56	75	6	5	2	-	4-6	9+	2500
4	Ross-on-Wye	1016.7	+10	N	3	ir$_o$	52	85	6	5	-	-	10	10	2500
5	Portland Bill	1016.3	+8	SW	1	ir$_o$	51	95	6	5	-	-	10	10	1500
	Plymouth	1016.7	+6	SSW	1	rr	51	95	6	9	2	4-	9	10	450
	The Lizard	1017.4	+4	W	1	rF	52	95	1	5	-	-	10	10	220
	Scilly (St. Mary's)	1017.8	+6	N'E	2	d	53	95	5	5	-	-	10	10	1500
	Guernsey	1017.0	+8	WNW	1	c/r	51	95	6	5	-	-	10	10	1500
6	Pembroke	1017.6	+8	NE	3	bc	52	75	7	5	8	-	2-3	4-6	4000
7	Holyhead	1019.0	+14	NNW	3	bc	51	75	9	1	-	1	2-3	4-6	4000
	Chester (Sealand)	1018.8	+16	NNW	5	c	51	65	9	5	-	2	4-6	7-8	2500
8	L'pool (Bidston)	1018.3	+10	NNW	4	bc	49	65	9	1	-	6	1	4-6	4000
9	Harrogate	1015.3	+6	WSW	2	bc	56	55	9	1	6	2	1	2-3	4000
10	Spurn Head	1014.6	+4	NE	4	c	55	75	6	5	7	1	4-6	7-8	1500
	Catterick	1015.3	+10	NNW	4	bc	54	45	8	1	-	2	2-3	4-6	4000
	Tynemouth	1013.8	+6	W	3	bc	53	45	7	2	-	1	2-3	4-6	2500
11	Inchkeith	1014.2	+8	WSW	4	c	49	55	8	2	-	-	7-8	7-8	4000
12	Leuchars	1013.1	+14	WNW	4	c	52	45	9	8	-	-	7-8	7-8	2500
	Renfrew (Abbotts I.)	1015.6	+14	WNW	6	bc/pr	49	55	8	8	-	1	2-3	2-3	2500
	Eskdalemuir	1015.2	+10	WNW	5	c	49	45	8	2	-	-	7-8	7-8	2500
13a	Tiree	1016.6	+16	W	5	bc	47	75	8	8	-	3	2-3	2-3	1500
13b	Stornoway	1008.7	+26	WNW	7	c/pr	42	65	8	8	7	-	4-6	7-8	800
15	Dalwhinnie	1014.1	+12	WNW	4	bc	45	55	8	4	4	-	2-3	4-6	2500
	Aberdeen	1011.5	+8	WNW	5	bc	53	25	8	8	-	-	4-6	4-6	4000
	Wick	1007.7	+16	W	5	c/pr	43	65	8	8	1	8	4-6	7-8	2500
16	Lerwick	998.1	-20	WNW	8	c/pr	43	75	7	5	-	-	7-8	7-8	1500
17	Blacksod Point	1021.8	+16	W	4	bc	50	65	8	2	-	-	4-6	4-6	1500
18	Malin Head	1018.2	+20	W'N	4	c/p	49	95	7	8	7	-	4-6	9	1500
	Aldergrove	1018.8	+14	WNW	4	c	52	55	9	8	-	-	7-8	7-8	2500
	Donaghadee	1018.3	+8	NNE	3	c	51	65	8	8	3	-	4-6	7-8	1500
19	Birr Castle	1020.2	+10	N	3	c	52	55	8	5	-	-	9+	9+	2500
20	Valentia Obsy.	1022.3	+16	NNE	4	bc	52	65	9	7	-	-	4-6	4-6	4000
	Roches Point	1019.5	+16	N	4	bc	53	65	9	3	-	9	2-3	4-6	2500

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

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)	1016.8	+10	-	0	ir$_o$	57	85	5	9	1	-	7-8	10	2500	0	*
Croydon	1016.2	+6	W'S	2	ir$_o$	55	85	4	5	2	-	4-6	10	4000	1	*
S. Farnborough	1016.6	+6	W	1	r$_o$r$_o$	55	85	6	5	1	-	4-6	10	2500	1	*
Winchester	1017.0	+8	NW'N	2	r$_o$r$_o$	53	95	6	5	7	-	7-8	10	1500	1	*
Boscombe Down	1016.6	+2	N'W	3	c	54	85	5	6	2	-	9	10	1500	1	*
Calshot, S'thmtn	1016.3	+4	NW	3	c/r	55	85	6	5	7	-	4-6	10	4000	1	1
Dungeness	*	*	W	1	r$_o$r$_o$	*	*	4	5	-	*	10	10	1500	*	0
Lympne	1016.4	+6	N	1	r$_o$r$_o$	52	95	5	5	7	-	7-8	10	4000	1	*
Shoeburyness	1016.4	+8	-	0	ir$_o$	56	85	6	6	2	-	7-8	10	2500	1	*
Felixstowe	1016.6	+16	NE	2	c/r	50	95	6	7	2	-	9	10	2500	1	0
Gorleston	1016.6	+8	N'E	2	c	50	85	6	5	-	-	10	10	1500	0	2
Cranwell	1017.5	+22	NW	4	bc	53	55	7	-	-	2	0	4-6	-	0	*
Birmingham	1015.8	+18	NNW	4	c	50	55	6	-	-	9	0	7-8	-	0	*
Upper Hayford	1017.7	+12	N'W	3	c	53	65	6	5	7	-	7-8	9+	2500	0	*
Ross-on-Wye	1018.8	+14	N	4	c	52	65	7	6	-	4	7-8	9	4000	0	*
Portland Bill	1017.1	+4	-	0	ir$_o$	51	95	6	5	-	-	10	10	1500	1	2
Plymouth	1017.8	+10	NNW	4	c	54	85	7	5	2	-	9	10	800	1	2
The Lizard	1018.6	+10	NNW	3	c	51	95	8	4	-	-	10	10	2500	1	2
Scilly (St. Mary's)	1019.9	+14	NNE	5	c	49	85	8	5	-	-	10	10	4000	1	3
Guernsey	1017.1	+4	NW'	1	rr	49	95	6	6	-	-	10	10	1500	1	2
Pembroke	1020.2	+10	NE	2	bc	50	85	8	1	8	-	2-3	4-6	4000	0	1
Holyhead	1021.0	+14	NW'N	2	b	50	75	9	1	-	1	Tr	1	4000	0	0
Chester (Sealand)	1020.9	+14	WNW	4	bc	49	65	8	1	-	2	Tr	2-3	4000	0	*
L'pool (Bidston)	1020.2	+10	WNW	4	bc	48	65	8	-	-	6	0	2-3	-	0	*
Harrogate	1018.2	+6	WSW	2	b	50	45	9	-	6	-	0	Tr	-	0	*
Spurn Head	1016.6	+6	-	0	bc	47	85	7	5	7	1	2-3	4-6	2500	0	1
Catterick	1018.2	+18	WNW	4	bc	50	45	8	4	-	1	2-3	2-3	4000	0	*
Tynemouth	1015.9	+20	WNW	3	bc	52	45	8	2	-	-	4-6	4-6	2500	0	1
Inchkeith	1016.2	+8	WSW	4	bc	46	55	8	1	-	-	2-3	2-3	4000	0	3
Leuchars	1016.0	+20	WNW	6	b/pr	46	45	9	8	-	-	1	1	2500	0	*
Renfrew (Abbotts I.)	1018.4	+18	W	4	bc	46	65	8	3	-	-	2-3	2-3	2500	0	*
Eskdalemuir	1018.2	+14	WNW	5	bc	43	55	9	7	-	-	2-3	2-3	800	1	*
Tiree	1019.6	+18	NNW	8	bc	45	55	8	8	-	3	4-6	4-6	1500	1	4
Stornoway	1013.3	+20	NW	6	pr	43	65	8	8	6	-	4-6	7-8	1500	1	3
Dalwhinnie	-	+26	NW	3	bc	37	55	8	4	4	-	4-6	4-6	2500	1	*
Aberdeen	1013.9	+8	WNW	4	b	45	45	8	8	-	-	Tr	Tr	4000	0	2
Wick	1009.8	+20	W	6	c/pr	43	65	8	8	7	-	4-6	7-8	1500	1	3
Lerwick	1003.0	+32	NW	4	ph(r)	40	85	7	8	-	-	9	9	1500	1	*
Blacksod Point	1024.8	+8	N	3	bc	48	85	8	2	-	-	4-6	4-6	1500	0	3
Malin Head	1020.3	+20	NNW	4	bc	46	85	7	3	3	-	2-3	2-3	1500	1	2
Aldergrove	1021.6	+14	NW	5	bc	48	55	9	8	-	-	4-6	4-6	4000	1	*
Donaghadee	1020.9	+16	N	3	bc	49	55	8	8	3	-	4-6	4-6	1500	0	2
Birr Castle	1023.0	+10	N	2	c	50	55	8	5	-	-	9	9	2500	1	*
Valentia Obsy.	1024.8	+10	N'E	4	bc	49	55	9	5	-	-	4-6	4-6	4000	0	3
Roches Point	1021.7	+12	N	4	bc	53	55	9	3	-	-	4-6	4-6	2500	0	3

PAST 24 HOURS.

Stations.	Weather. 7h.–13h. 12th (37)	Weather. 13h.–18h. 12th (38)	Weather. 18h. 12th to 1h. 13th (39)	Weather. 1h.–7h. 13th (40)
London (Kew)	ccr$_o$	cir$_o$m$_o$	crc	bcmo
Croydon	cm$_o$r$_o$	cm$_o$r$_o$	cmrrc	cbcmo
S. Farnborough	cc$_o$d$_o$r$_o$c	r$_o$r$_o$c	cwo	cbcwc
Winchester	or$_o$r$_o$m$_o$	c$_o$r$_o$m$_o$	crrmc	cbcmo
Boscombe Down	cr$_o$r$_o$	cir$_o$m$_o$	cbcmo	bcmo
Calshot, S'thmtn	cm$_o$r$_o$	cm$_o$ir$_o$		cirb
Dungeness	bc	r	*	o
Lympne	cm$_o$3$_o$	c$_o$r$_o$m$_o$	crr$_o$md$_o$	c
Shoeburyness	cm$_o$	cir$_o$m$_o$	cir$_o$mo	bc
Felixstowe	c3$_o$	c$_o$r$_o$	cir$_o$mo	bcw
Gorleston	cm$_o$m$_o$	c3$_o$	or$_o$bc	bc
Cranwell	cmpr3$_o$	c3$_o$bc	bcc	cbwm$_o$
Birmingham	c	cbc	bcl	bcb
Upper Hayford	c3$_o$	c3$_o$	cbc	bcl
Ross-on-Wye	co	c	cbcb	bx
Portland Bill	cir$_o$	cir$_o$3$_o$	ir$_o$c	cbc
Plymouth	crrm$_o$	crrm$_o$	cb	cvc
The Lizard	FFrr	r/c	cbc	bc
Scilly (St. Mary's)	r/r/c	c$_o$l$_o$t	cbcb	bbc
Guernsey	cir$_o$	cir$_o$	cir$_o$	circ
Pembroke	cFrr$_o$cbc	bcv	b	bbc
Holyhead	cbc	bcb	bbc	bc
Chester (Sealand)	dm$_o$bc	cbcy	b	bbc
L'pool (Bidston)	cbc$_o$v	bbvyb	bvbc	bvbc
Harrogate	cb	bcb	b	b
Spurn Head	/c	bc	cbc	bc
Catterick	cbcy	bcybv	bvrb	b
Tynemouth	cbcy	bcy	bcb	bbc
Inchkeith	cbc	cbc	bcb	bbc
Leuchars	bwbcyv	bcr$_o$qy	bcpr$_o$	bqb
Renfrew (Abbotts I.)	bccqp	bccqr	cpr$_o$b	b
Eskdalemuir	cpr$_o$bcy	bcy	bcybw	bwbv
Tiree	bcPRq	bcpr$_o$	bcPRQ	bc
Stornoway	cphrq	pphrq	cpr ps	cbr
Dalwhinnie	bc	cs		bc
Aberdeen	bbcy	bcyqpsh	bvq$_o$b	b
Wick	bcpcc	cpr$_o$	bcphr	bcpsr
Lerwick	cprq	cphr	cphrq	cphr
Blacksod Point	bc	bc	bc	bc
Malin Head	bcc	c$_o$rbc	bcpr	bcc
Aldergrove	wcjp	bcv	bcb	bccw
Donaghadee	bcc	cbc	bbc	bc
Birr Castle	cy	cy	cbc	bcx
Valentia Obsy.	cbcv	bcvy	bcy	brw
Roches Point	cbcv	bcvy	bcybw	bbcw

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 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 $\frac{1}{8}$ 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.*

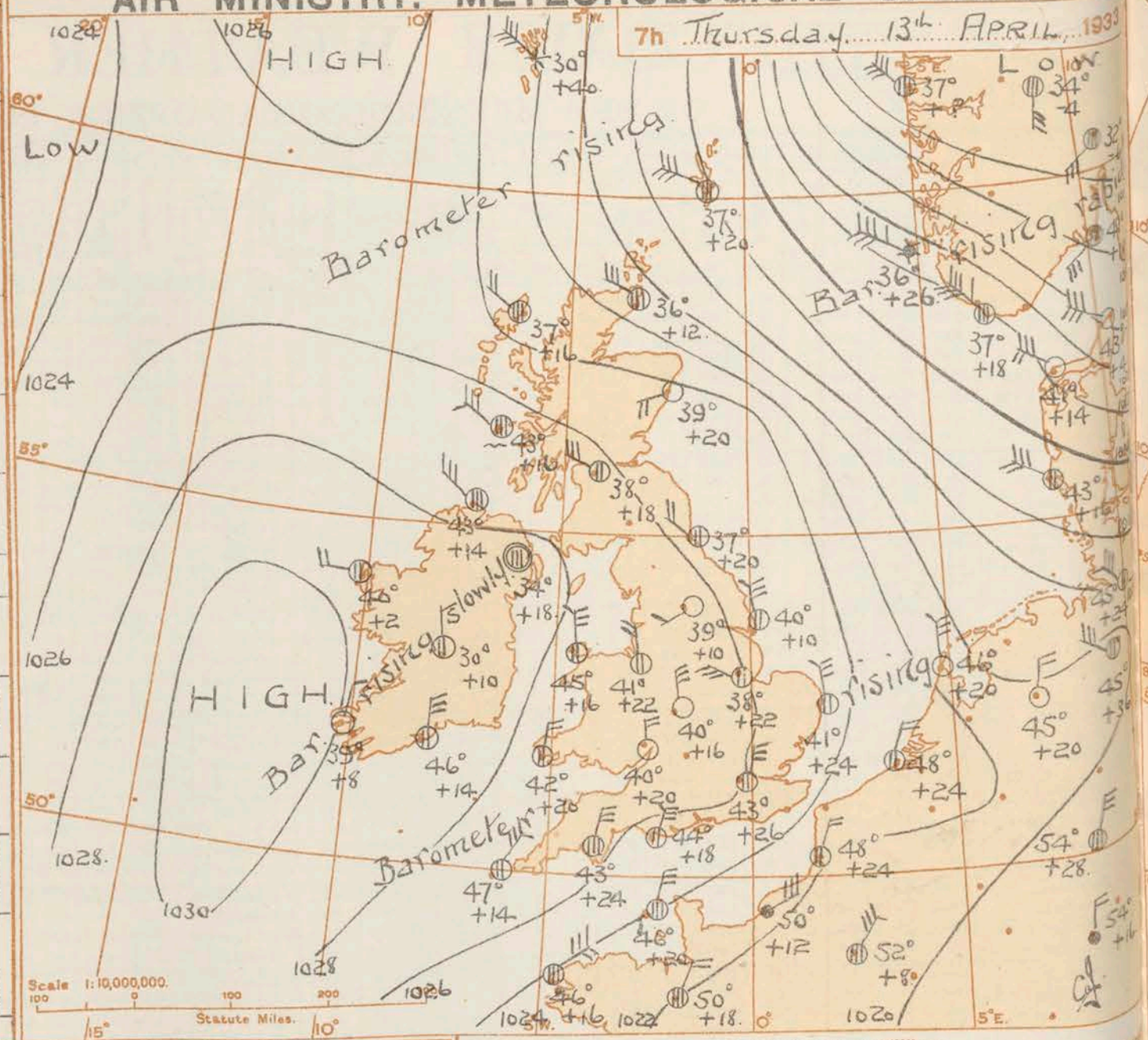
REPORTS from HEALTH RESORTS for April 12th 1933.

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.	oco	od	46	61	-	0·3	0.1	4·5
	Bournemouth	d	d	47	59	-	1	0.0	1·2
	Ventnor ...	ou3	odcd	46	59	-	Trace	0.0	2·8
	Southsea ...	oid	oid	47	58	-	Trace	0.0	2·1
	Bognor Regis	coc	cir.	47	62	-	Trace	0.0	2·9
	Littlehampton	c	c cr.	47	60	-	Trace	0.0	3.0
	Worthing ...	o	oid.	48	61	-	Trace	0.0	2·8
	Brighton ...	cod	co	48	61	-	Trace	0.1	3.4
	Eastbourne†	o	oro r o	48	60	-	Trace	0.0	2·2
	Hastings† ...	ocbc	cdo. o	47	61	-	0.1	0.2	3·3
	Folkestone ...	om. c	bcor.	47	58	-	Trace	0·4	4·2
	Dover... ...	moc	mcor.	48	57	-	Trace	0·9	5·2
	Deal	oc	o	50	60	-	-	0·3	4·8
	Ramsgate ...	cm	cm	49	59	-	-	0·1	4·2
	Margate ...	c	c	51	57	-	-	0·2	5·9
2	Southend ...	om	oid3	49	57	-	0.1	0.0	3·2
	Maldon ...	oc	cod	51	62	-	Trace	0·0	2·8
	Clacton-on-Sea	c	c	50	60	-	-	0·0	3·0
	Dovercourt ...	bcc	oc	51	64	-	-	0·0	4·3
	Lowestoft ...	c	c	48	63	-	-	0.0	2·7
	Skegness ...	obm.	bcm.	42	59	-	-	1·4	2·0
	Mablethorpe	oc	c	45	61	-	-	2·4	1·2
	Cleethorpes ...	oc	bc	45	62	-	-	4·4	1·3
3	Leamington S.	oc.	c	46	56	-	-	0.0	2.0
4	Cheltenham†	cvim.	ocoz.	45	55	-	-	0.0	2.9
5	Bath	cr.	r. c	48	57	-	0·3	0.0	0.1
	Weymouth ...	cir	ir.	47	57	-	0.6	0.0	0·9
	Jersey ...	c	cr	48	54	-	0.3	0.0	4.0
	Torquay ...	or3.	orro	48	54	0.6	5	0.0	0·3
	Penzance ...	r.	m. c	51	55	3	0.1	0.0	2.0
	St. Ives ...	pr	pr	49	53	2	2	0.0	2·9
	Bude	mdo	o	47	52	2	2	0.0	0.0
	Ilfracombe ...	fo	oc	48	52	-	-	0.0	0.1
6	Aberystwyth	coid	idcbc	46	51	1	Trace	3·2	0.0
7	Llandudno ...	cbc	bcb	47	51	1	-	5.7	7.6
	Colwyn Bay...	roco	bcb	47	51	1	-	5.7	6·8
	Rhyl	cdcbc	bcb	46	51	1	-	5·7	5·0
8	Wallasey ...	pcbc	bcb	47	53	Trace	-	6·0	4·0
	Southport‖ ...	cbcb	b	47	53	0.6	-	7·2	4·3
	Blackpool ...	cbc	bcb	47	51	0.3	-	8·9	1·5
	Morecambe ...	b	b	46	51	1	-	9.5	0·8
9	Ilkley... ...	b	b	43	60	-	-	7·3	6·8
10	Berwick-on-T.	bc	bc	46	54	-	-	9.6	6·1
11	Dunbar ...	r bc	bc	43	54	0·3	-	10.1	5·2
12	Troon... ...	rocbc	cbc	44	50	2	-	8·9	4·2
	Douglas ...	bc	bcq	45	52	-	-	9.7	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 Thursday 13th April 1933



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 13th April, 1933.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate or light northerly wind; fine or fair; moderate day temperature, ground frost locally at night.
5. S.W. England	Moderate or light northeast wind; fair or fine; moderate day temperature, local ground frost at night.
6. South Wales 7. North Wales	Light northerly to variable wind; fair or fine; moderate day temperature, local ground frost at night.
8. N.W. England 9. N Midlands 10. N.E. England 11. S.E. Scotland	Light or moderate northwest or west wind; fair or fine; moderate day temperature.
12. S.W. Scotland & Isle of Man	Moderate to light northwest or west wind; fair apart from local rain or hail showers at first; rather low to moderate day temperature, frost locally at night.
13. A. W Scotld. B. N.W. Scotland.	Light west or northwest wind becoming variable and then southerly; fair at first, cloudy with rain or drizzle later; rather cold becoming milder.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Moderate to light northwesterly to variable wind; fair apart from local rain or hail showers at first; rather low to moderate day temperature, local frost at night.
17. N.W. Ireland 18. N.E. Ireland	Light variable wind, freshening later from a southerly point; fair at first, deteriorating later; moderate temperature.
19. S.E. Ireland 20. S.W. Ireland	Light northerly to variable wind; fine or fair; moderate day temperature, ground frost locally at night. 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 6/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Fog. Mist. T Thunder. K Thunderstorm.
Sea Disturbance. Rough. High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone centred off the west of Ireland is moving eastwards while a depression well out on the Atlantic is spreading east and northeast. Apart from a few local showers at first in the North, weather will be fair or fine but may deteriorate later in the extreme Northwest and West.

FURTHER OUTLOOK.

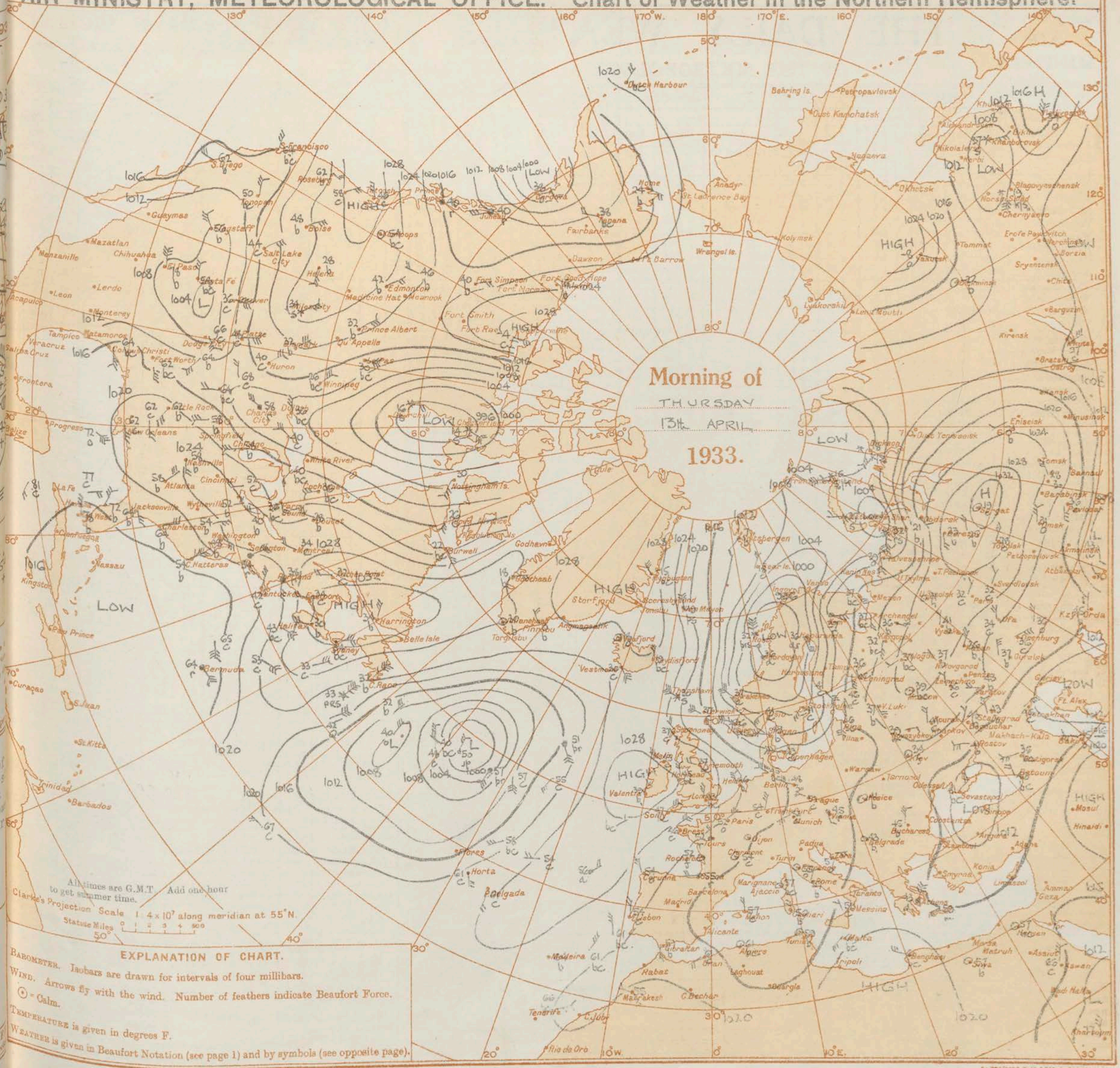
Unsettled in the extreme West and Northwest; fair in England.

Forecasts issued at 0920 G.M.T.

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

R & M Stationery Office Press, Kingsway W.C.2

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Thursday, April 13th 1933.
No. 24,075

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

Distance	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	1021.7	+22	N'W	2	c	46	65	7	8	-	-	7-8	7-8	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (St. Thomas)	8														
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1020.8	+22	NE	4	c/d.	46	95	6	5	-	-	10	10	1500
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	14	1020.8	+16	NW	2	bc	44	95	7	-	3	-	0	4-6	-
	Cranwell	240														
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1021.3	+20	NE	5	c	46	75	7	4	-	-	7-8	7-8	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	222	1022.5	+20	NNW	4	bc	46	75	8	7	4	-	2-3	4-6	4000
	Scilly (St. Mary's)	163	1023.9	+8	N'E	5	b	47	85	8	-	4	-	0	1	-
	Guernsey	175	1020.6	+20	NNE	4	o	48	95	6	5	-	-	10	10	2500
6	Pembroke	142	1027.3	+20	N	2	b	43	85	7	7	-	-	1	1	2500
7	Holyhead	26	1025.4	+16	N	4	c	45	65	8	-	-	6	0	7-8	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1021.2	+12	NNW	5	bc	42	85	7	-	1	-	0	2-3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	87	1021.9	+20	WSW	2	b	37	75	7	-	-	-	0	0	-
11	Inchkeith	190	1022.0	+22	WSW	3	b	40	65	8	-	4	-	0	1	-
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsinch)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1020.1	+24	NW	3	ps	35	95	7	9	7	-	7-8	10	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1018.5	+34	NW	4	bc	37	85	8	5	-	-	2-3	2-3	2500
16	Lerwick	54	1012.5	+20	NW	6	c	37	75	7	8	1	-	4-6	7-8	1500
17	Blacksod Point	18	1027.8	+16	-	0	bc	47	75	9	2	-	-	2-3	2-3	1500
18	Malin Head	52	1024.9	+12	NW	3	bc	45	75	7	3	-	-	2-3	2-3	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	90	1027.6	+14	N	3	b	44	85	9	4	-	-	1	1	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Distance	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)	1026.1	+30	NNE	3	bc	42	65	6	7	3	-	4-6	7-8	5700	0	*
	Croydon	1025.7	+26	N'E	3	bc	43	65	5	4	3	-	2-3	4-6	5700	1	*
	S. Farnborough	1026.2	+22	N'E	2	c	42	75	6	5	-	-	9	9	4000	1	*
	Winchester	1025.9	+20	N	4	bc	40	85	6	5	-	1	4-6	9	4000	1	*
	Boscombe Down	1026.2	+20	N	4	bc	39	85	6	5	3	8	4-6	7-8	4000	1	*
	Calshot (St. Thomas)	1025.0	+20	NNW	3	bc	42	75	6	5	-	-	7-8	7-8	4000	0	1
	Dungeness	*	*	ENE	3	c	*	*	7	4	-	*	7-8	7-8	800	*	2
	Lympne	1024.3	+22	NNE	3	c	45	75	8	5	-	-	9	9	5700	0	*
2	Shoeburyness	1025.0	+30	N'W	3	bc	45	75	7	5	-	-	2-3	2-3	4000	0	*
	Felixstowe	1025.1	+22	N'W	3	bc	44	75	7	-	-	6	0	4-6	-	0	1
	Gorleston	1024.2	+24	N'W	4	bc	41	95	6	1	-	-	2-3	2-3	4000	0	2
	Cranwell	1026.6	+22	NW	3	bc	38	75	6	-	-	4	0	2-3	-	1	*
3	Birmingham	1026.9	+16	NNW	3	b	40	85	5	-	-	1	0	1	-	0	*
	Upper Heyford	1026.7	+20	N	3	b	37	95	5	-	-	1	0	2-3	-	0	*
4	Ross-on-Wye	1027.2	+20	N'W	2	b	40	75	8	-	-	1	0	1	-	0	*
5	Portland Bill	1025.6	+18	NE	4	c	44	65	7	4	-	-	4-6	4-6	2500	1	3
	Plymouth	1026.2	+24	NE'N	3	c	43	85	9	-	-	6	0	9	-	1	1
	The Lizard	1026.8	+20	N	3	bc	42	75	8	7	4	-	1	2-3	4000	1	2
	Scilly (St. Mary's)	1026.9	+14	NE	4	bc	47	75	8	5	-	5	Tr	2-3	4000	1	3
	Guernsey	1024.0	+20	NNE	3	c	46	85	6	8	-	-	10	10	2500	1	3
6	Pembroke	1026.9	+20	NNE	2	bc	42	75	7	4	7	-	2-3	4-6	4000	0	1
7	Holyhead	1028.0	+16	N	4	bc	45	75	8	1	-	2	1	4-6	2500	0	2
	Chester (Sealand)	1027.6	+22	NNW	2	bc	41	75	7	1	-	1	1	2-3	4000	0	*
8	L'pool (Bidston)	1027.3	+14	NW'N	3	bc	43	85	8	7	-	-	2-3	2-3	4000	0	*
9	Harrogate	1026.5	+10	WSW	1	b	39	85	8	-	-	1	-	Tr	-	0	*
10	Spurn Head	1025.3	+10	N'W	4	bc	40	85	7	-	1	8	-	4-6	-	0	3
	Catterick	1026.2	+18	WNW	2	b	40	85	8	-	-	1	-	Tr	-	0	*
	Tynemouth	1025.5	+20	WNW	2	bc	37	75	7	5	-	1	2-3	2-3	1500	0	1
11	Inchkeith	1026.1	+20	WSW	3	bc	38	75	7	5	5	-	2-3	4-6	2500	-	2
	Leuchars	1024.8	+18	SW	3	c	37	75	5	4	-	6	Tr	7-8	4000	0	*
12	Renfrew (Abbotsinch)	1026.3	+18	W'N	4	bc	38	85	8	-	-	1	0	2-3	-	1	*
	Eskdalemuir	1026.8	+30	SE	2	b	36	75	9	1	-	1	Tr	1	2500	1	*
13A	Tiree	1027.6	+16	W'N	4	cjp	43	75	9	8	7	3	4-6	7-8	1500	1	4
13B	Stornoway	1022.3	+16	N'W	2	c	37	85	8	8	6	-	4-6	9	1500	1	*
15	Dalwhinnie	-	+13	NW	2	c	36	75	9	4	1	-	4-6	7-8	2500	0	*
	Aberdeen	1024.1	+15	W'S	2	b	39	85	8	7	3	1	1	1	4000	0	1
	Wick	1021.3	+12	WNW	3	bc	36	95	8	8	6	8	4-6	4-6	2500	3	1
16	Lerwick	1017.1	+10	WNW	6	c/sh	37	65	8	8	-	-	7-8	7-8	1500	0	*
17	Blacksod Point	1029.7	+4	W	2	bc	40	95	8	-	7	-	0	4-6	-	0	2
18	Malin Head	1027.5	+14	NW'W	3	c	43	95	7	8	7	-	4-6	9	1500	0	1
	Aldergrove	1029.2	+18	-	0	c	34	95	9	8	-	-	9	9	4000	1	*
	Donaghadee	1028.3	+18	NW	2	bc	38	85	8	8	3	2	2-3	4-6	1500	0	1
19	Birr Castle	1029.7	+10	NNW	1	bc	30	95	8	-	-	8	0	4-6	-	0	*
20	Valentia Obsy.†	1030.0	+8	NE'N	1	b	39	85	9	-	-	1	0	1	-	0	1
	Roches Point	1029.7	+14	N	3	bc	46	85	8	5	-	9	2-3	4-6	2500	0	2

PAST 24 HOURS.

Distance	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 12th-13th Hrs. (36)
1	London (Kew)	59	42	38	0.1	1	0.0
	Croydon	57	43	38	0.2	2	0.0
	S. Farnborough	56	38	27	1	-	0.0
	Winchester	55	37	30	1	0.5	0.0
	Boscombe Down	55	34	31	1	-	0.0
	Calshot (St. Thomas)	56	40	35	0.3	0.1	0.1
	Dungeness	59	44	*	1	1	*
	Lympne	61	43	40	0.4	0.2	0.6
2	Shoeburyness	60	41	40	Tr	Tr	0.0
	Felixstowe	61	39	37	-	Tr	0.0
	Gorleston	61	39	37	-	Tr	0.0
	Cranwell	60	34	30	Tr	-	2.4
3	Birmingham	56	36	32	-	-	2.2
	Upper Heyford	57	34	30	Tr	-	*
4	Ross-on-Wye	55	36	23	Tr	-	0.2
5	Portland Bill	53	41	*	0.6	1	*
	Plymouth	55	41	36	6	-	0.0
	The Lizard	54	41	*	3	-	0.2
	Scilly (St. Mary's)	54	45	*	-	-	0.0
	Guernsey	51	46	42	2	3	0.0
6	Pembroke	53	41	*	1	-	5.6
7	Holyhead	51	44	38	-	-	8.6
	Chester (Sealand)	51	37	27	Tr	-	6.7
8	L'pool (Bidston)	50	42	38	-	-	7.4
9	Harrogate	58	34	26	-	-	7.6
10	Spurn Head	59	37	*	Tr	-	5.0
	Catterick	56	34	27	-	-	8.6
	Tynemouth	54	36	32	-	-	*
11	Inchkeith	50	37	33	-	-	9.6
	Leuchars	53	32	21	Tr	Tr	10.1
12	Renfrew (Abbotsinch)	51	34	29	0.2	0.3	9.6
	Eskdalemuir	50	32	37	Tr	-	7.8
13A	Tiree	48	40	35	0.6	0.1	10.2
13B	Stornoway	47	34	*	2	3	9.7
15	Dalwhinnie	46	33	27	1	-	6.5
	Aberdeen	53	34	29	0.3	-	11.1
	Wick	49	34	*	0.2	3	*
	Lerwick	43	35	*	2	1	3.7
17	Blacksod Point	51	39	*	-	-	*
18	Malin Head	49	42	*	0.1	Tr	9.0
	Aldergrove	52	33	23	-	-	8.2
	Donaghadee	53	36	*	-	-	*
19	Birr Castle	55	30	20	-	-	5.6
20	Valentia Obsy.†	53	38	30	-	Tr	8.3
	Roches Point	56	37	*	-	Tr	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations, except Greenwich & Hampstead rainfall, 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	ccro	cir/sno	bcmo	59	42	38	0·1	1	0·0	*	*	6
Croydon	217	cmro	cmrs	cmrr	57	43	38	0·2	2	0·0	*	*	5
Greenwich (Royal Observatory)	149	c	cdsrd	dcb	60	42	35	0·5	Tr	0·0	62	77	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	73	57	*
Westminster (St. James' Park)	27	*	*	*	60	43	39						
‡Regents Pk. (Botanic Gardens)	168	*	*	*	61	41	37	6		0·0	71	56	*
Camden Square	110	c	cdcr	*	60	41	33	2	÷	*	*	*	*
Kensington	90	ORR	bbc	*	59	42	38	3	1	At 18h.			*
Hampstead Observatory	450	cd	or	*	58	38	33	-	8	0·0	*	65	*

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	13-19h 12th.	Nil	22h 12th to 6h 13th.

Kew Observatory. Max.	Time.	Min.	Time.
0·2	15h 12th.	0·1	22h 12th.

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 13th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 13th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1014·5	NNW	6	c	61	1020·3	NE	4	o	52
Brussels	1014·7	NNW	3	c	55	1022·4	NE	3	c	46
Berlin	1011·1	SE	2	cro	59	1014·7	NW	3	o	48
Zürich	1014·7	SSE	3	c	63	1017·0	SSE	2	o	52
Rome	1019·2	SW	2	bc	63	1016·1	S	1	b	57

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
70	52	Tr	1
64	45	-	-
68	46	Tr	2
75	50	-	7
72	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.

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

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

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

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

Official Copy

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 14th APRIL 1933.

No. 26076

Distrct.	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 13th APRIL														OBSERVATIONS at 18h. G.M.T. 13th APRIL														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.	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.	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	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)	1027.6	0	ENE	3	bc	53	45	7	1	–	4	Tr	2-3	4000	1028.9	+10	N ENE	3	bc	54	35	7	8	–	–	2-3	2-3	4000	0	*	bcy	bcb	bm$_o$	bm$_o$m×
	Croydon	1027.0	+2	NW'N	3	bc	54	35	6	1	–	1	1	2-3	4000	1028.2	+10	ENE	3	bc	51	55	7	1	–	1	2-3	2-3	4000	0	*	cm$_o$bzoy	bczoy	bcbym$_o$	bm$_o$×
	S. Farnborough	1027.5	+2	N	2	bc	56	45	7	1	–	6	2-3	2-3	2500	1028.4	+8	NNE	2	b	53	45	7	–	–	8	0	1	–	0	*	cbcby	bcy	bybw	bxm$_o$
	Winchester 1027.6 1029.6	1029.6	+2	N'E	3	b	53	55	7	1	–	5	Tr	1	4000	1028.3	+6	N	3	bc	52	55	8	–	–	1	0	4-6	–	0	*	bcbzoy	bbcy	bcyb	bbcx
	Boscombe Down	1027.7	+2	N	3	bc	54 53	45	7	–	4	2	0	2-3	–	1028.4	+10	NNE	2	bc	51	45	7	–	–	2	0	4-6	–	0	*	bcy	bcy	bcyb	bbcm$_o$×
	Calshot, S'thmtn	1027.4	+6	NNW	4	bc	54	45	7	–	4	–	0	2-3	–	1027.8	+6	NNW	4	bc	55	45	7	–	–	6	0	4-6	–	0	1	by	bcy	*	bw
	Dungeness	*	*	ENE	4	c	*	*	7	2	7	*	7-8	7-8	2500	*	*	ENE	3	bc	*	*	7	5	9	*	2-3	4-6	1500	*	3	bc	bc	*	bc
	Lympne	1027.0	+10	NE'N	4	bc	50	65	8	2	–	1	4-6	4-6	4000	1028.6	+6	NE	3	b	46	65	8	–	–	1	0	1	–	0	*	cbcy V	bcbv	b	bx
2	Shoeburyness	1027.8	+14	NE'E	4	bc	52	65	8	7	–	1	2-3	2-3	4000	1029.3	+12	ENE	3	bc	46	75	8	1	7	–	2-3	2-3	5700	0	*	bbc	bc	bc	bcx
	Felixstowe	1027.8	+10	NE	4	bc	51	65	8	1	–	–	4-6	4-6	4000	1029.5	+8	NE	4	b	46	75	9	5	–	1	1	1	4000	0	2	bcy	bcvbv	bv	bwx
	Gorleston	1028.1	+12	NNE	4	bc	51	75	7	1	–	–	2-3	2-3	4000	1029.4	+12	NNE	2	bc	47	65	7	1	8	–	1	4-6	4000	0	2	bcb	bc	bcb	bbc
	Cranwell	1028.1	-2	NNW	2	bc	52	45	7	1	–	4	1	4-6	4000	1029.0	+10	ESE	3	bc	49	75	7	5	3	8	2-3	4-6	4000	0	*	bcbbc	bcy	*bcbcx	bxbc
3	Birmingham	1028.2	0	NNW	3	b	52	45	8	1	–	–	Tr	Tr	4000	1029.4	+6	NNW	4	b	49	55	6	–	–	1	0	Tr	–	0	*	b	b	b	bbcm
	Upper Heyford	1028.2	+2	N	3	c	52	45	8	1	–	2	Tr	7-8	4000	1028.8	+6	N	2	b	52	45	8	–	–	1	0	Tr	–	0	*	bcb	bcby	bybm$_o$	bxwmb
4	Ross-on-Wye	1028.0	+4	N	3	b	53	45	8	1	–	1	1	1	5700	1028.9	+8	N	3	b	51	45	8	–	–	1	0	1	–	0	*	bbcyby	by	by	bxc$_o$x
5	Portland Bill	1027.6	+26	NE	3	b	54	65	7	–	–	–	0	0	–	1028.1	+6	N	2	b	53	65	7	–	–	–	0	0	–	0	2	bcb	b	b	b
	Plymouth	1027.6	+4	NE	1	b	55	45	9	1	–	1	Tr	Tr	4000	1028.6	+6	S	2	bc	51	65	8	–	–	1	0	2-3	–	1	2	cvby	bvybc	bw	bwvc
	The Lizard	1028.4	+4	E'N	2	bc	56	55	9	1	4	–	1	2-3	4000	1029.1	+2	E'N	2	b	51	65	8	7	–	–	1	1	5700	0	1	bcvy	bcv	bc	bc
	Scilly (St. Mary's)	1029.1	+6	NE	4	bc	51	75	8	7	–	–	2-3	2-3	4000	1029.7	+2	NNE	4	b	48	65	7	–	–	–	0	0	–	0	3	bc	bcb	b	bbc
	Guernsey	1026.5	+8	NE	4	bc	51	75	6	–	3	8	0	4-6	–	1027.3	+8	NNE	2	b	50	75	7	–	–	–	0	0	–	0	3	ocbc	bcb	b	bbc
6	Pembroke	1029.5	-2	NNE	3	b	52	75	8	1	4	–	Tr	1	5700	1029.9	+4	N	3	b	48	55	7	7	–	–	1	1	2500	0	1	bcvb	bqy	bc	bcm$_o$c
7	Holyhead	1030.3	+6	N'W	3	bc	50	65	9	1	–	1	1	2-3	4000	1031.2	+6	NW'N	1	bc	47	65	9	1	–	4	Tr	4-6	4000	0	0	bcb	bbc	bcbw	bwx
	Chester (Sealand)	1029.8	+6	WNW	4	b	48	55	9	1	–	1	1	1	4000	1031.6	+8	NW'N	4	b	47	65	8	1	–	4	Tr	1	4000	0	*	bcby	bvy	b	bbcmx
8	L'pool (Bidston)	1029.5	+2	NW	4	b	46	55	9	1	–	1	Tr	Tr	2500	1030.7	0	WNW	3	b	47	65	9	–	–	1	0	1	–	0	*	bbvy	ybv	bv	b
9	Harrogate	1027.5	0	WSW	1	bc	52	35	9	–	3	–	0	2-3	–	1029.2	+6	WSW	1	bc	49	45	8	7	–	–	2-3	2-3	5700	0	*	b	bbc	bcb	bc
10	Spurn Head	1028.0	+4	E'N	2	bc	52	65	7	–	3	8	0	2-3	–	1029.3	+4	SE'E	4	bc	45	75	7	–	3	8	0	4-6	–	0	1	bc	bc	bcw	pccw
	Catterick	1027.9	+2	NW'N	3	bc	53	35	9	1	–	–	4-6	4-6	4000	1029.4	+16	NNE	2	c	48	55	7	5	–	–	7-8	7-8	4000	0	*	bbcyv	bcyvbc	bcybx	bx
	Tynemouth	1027.3	+10	ENE	2	bc	49	55	8	2	–	1	4-6	4-6	2500	1028.7	+10	SE	2	bc	45	65	8	2	6	5	4-6	4-6	2500	0	1	bc	bc	bcb	bbc
11	Inchkeith	1027.3	+4	WNW	3	c	47	45	8	2	6	6	4-6	9	4000	1027.9	+4	W	3	c	47	65	8	2	6	2	7-8	9	2500	0	2	bcc	c	cir$_o$	c
12	Leuchars	1026.4	+2	NW	4	c	50	35	9	7	–	6	2-3	7-8	2500	1028.5	+14	ESE	3	c/pr	45	75	9	8	–	8	9	9+	2500	0	*	bcxvy	cvypr$_o$	cvpr$_o$bx	bxbcc
	Renfrew (Abbotsl.)	1028.5	+6	NW	4	c	48	55	9	2	–	6	2-3	7-8	4000	1029.4	+10	WNW	3	c	47	65	9	8	–	6	1	7-8	4000	0	*	bbccjp	bcvy	bcvb	bbxcm$_o$
	Eskdalemuir	1027.8	+4	WNW	4	c	50	35	9	7	–	8	4-6	9	2500	1029.4	+6	W	2	c	44	45	8	7	–	2	7-8	9+	4000	1	*	bycy	cy	cyb	bcx
13A	Tiree	1029.1	+10	NNW	2	bc	47	75	9	8	7	8	2-3	4-6	1500	1030.1	+2	WSW	1	c	45	65	9	7	9	6	Tr	7-8	4000	0	2	cPRqbc	bc	cbc	bcc
13B	Stornoway	1025.9	+12	NW	1	c	45	65	9	8	7	–	4-6	9	1500	1028.2	+8	NE	3	c	40	45	8	8	7	9	4-6	9	1500	1	1	cpr$_o$	cpr$_o$	cbc	bc
15	Dalwhinnie	1027.8	+2	NW	1	c	44	65	8	4	2	–	4-6	9	2500	1030.2	+8	NW	2	c	38	75	7	4	4	–	4-6	10	2500	1	*	c	ls	*	ir
	Aberdeen	1026.7	+12	NNW	4	cjp	45	55	8	8	–	–	7-8	7-8	2500	1029.4	+14	N'W	3	c	43	65	8	8	–	–	9+	9+	2500	0	1	bcypsh	bcyjp	cbc	bcxc$_3$
	Wick	1025.0	+22	NW	3	bc	43	85	8	8	7	8	4-6	4-6	2500	1029.2	+18	NNW	4	bc	39	65	8	8	–	8	4-6	4-6	2500	1	3	bcpr$_o$	bcpr$_o$	bc	bc
16	Lerwick	1021.9	+16	WNW	6	c	40	75	8	8	1	–	4-6	7-8	1500	1026.4	+30	NW	3	c/ps	32	95	8	8	7	–	4-6	7-8	1500	6	*	cph$_o$	cph$_o$ps	bcc	cbc
17	Blacksod Point	1030.8	+4	W	2	c	50	65	9	–	7	4	0	7-8	–	1030.0	+4	W	2	c	49	65	9	–	7	9	0	7-8	–	0	2	bc	bc	cbc	cbc
18	Malin Head	1029.7	+12	W'N	2	bc	48	75	8	7	3	2	4-6	4-6	1500	1030.0	+4	WNW	1	bc	46	85	8	5	9	2	Tr	4-6	2500	0	1	cpr$_o$	bc	cbc	bcc
	Aldergrove	1030.3	+2	NW'N	3	c	47	65	9	8	–	–	9	9	4000	1030.9	+6	N	2	c	47	55	9	5	–	–	9+	9+	4000	1	*	cpr$_o$cv	cv	cvyc	c
	Donaghadee	1029.9	+6	NNW	2	c	45	65	8	5	–	–	9	9	1500	1030.8	+4	NNW	1	c	46	65	8	5	–	–	9+	9+	1500	0	0	bcc	c	bcc	c
19	Birr Castle	1030.3	0	ESE	1	bc	54	45	8	1	–	–	4-6	4-6	4000	1029.6	-6	S'E	1	bc	55	45	8	7	–	8	2-3	4-6	4000	0	*	bcy	bcy	bc	bcx
20	Valentia Obsy.	1030.6	+2	WNW	3	bc	51	65	9	7	–	1	2-3	2-3	4000	1030.2	-2	S'W	4	c	49	65	8	5	–	6	2-3	9	4000	0	1	bvbcv	bcvc	cbc	bcc
	Roches Point	1030.9	+6	SE	2	bc	50	55	9	5	–	–	2-3	2-3	2500	1031.1	0	SE	3	bc	49	65	9	5	–	9	2-3	4-6	2500	1 0	2	bcvy	bcv	bcvbw	bbcw

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

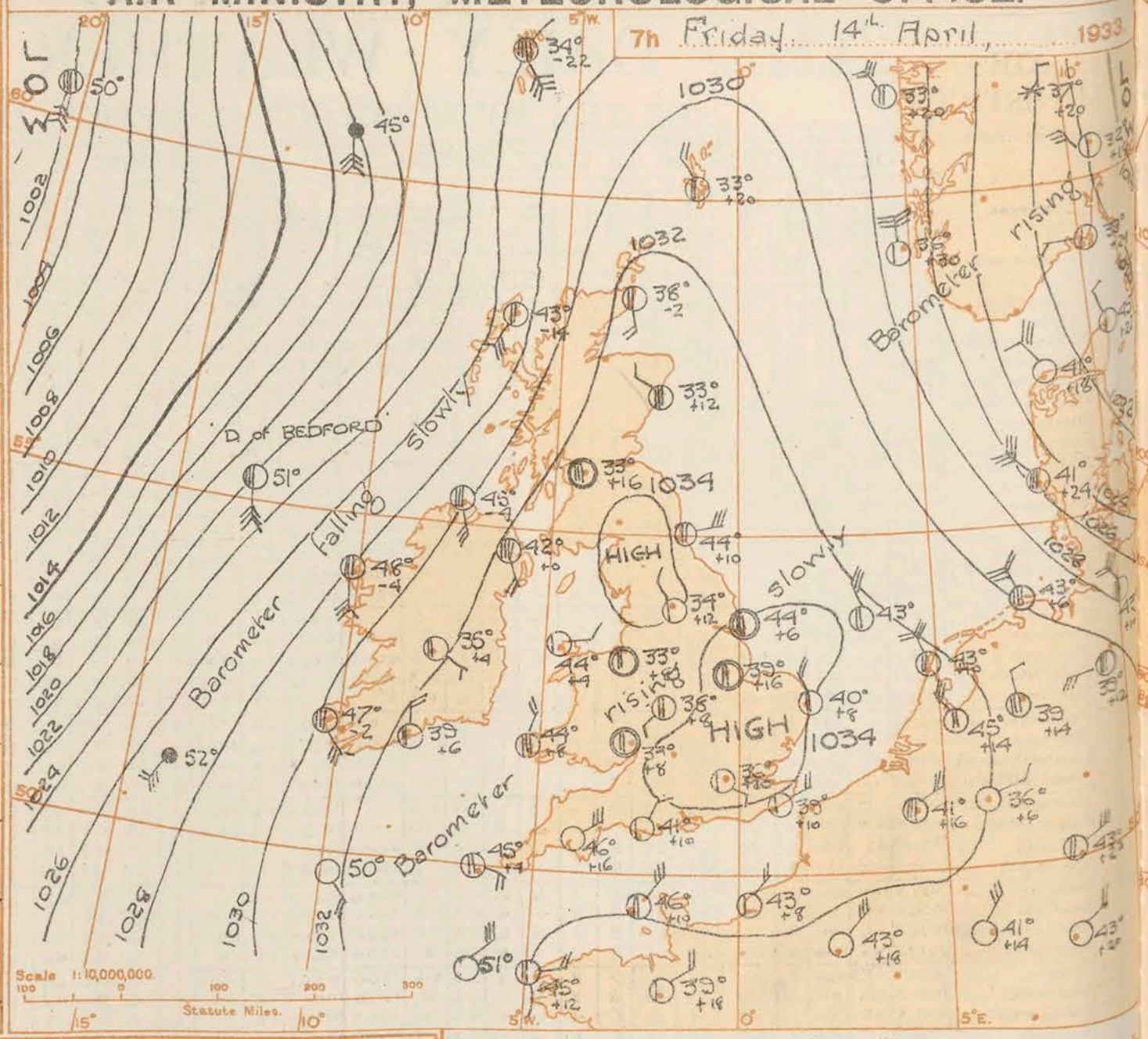
REPORTS from HEALTH RESORTS for April 13th 1933.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 12 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.	bc	bc	41	56	0.3	~	10.3	0.1
	Bournemouth	b	b	38	59	~	~	10.0	0.0
	Ventnor ...	opbz	bz	41	58	0.3	~	9.7	0.0
	Southsea ...	b	b	42	59	Tr	~	8.3	0.0
	Bognor Regis	bcb	b	43	57	1	~	6.9	0.0
	Littlehampton	cbc	bc	41	59	1	~	7.0	0.0
	Worthing ...	cbc	bbc	44	57	1	~	7.5	0.0
	Brighton ...	b	b	45	58	1	~	7.2	0.1
	Eastbourne†	cbc	bcb	45	56	3	~	7.5	0.0
	Hastings† ...	cbc	bcb	45	55	3	~	7.6	0.2
	Folkestone ...	bcb	b	45	54	1	~	9.5	0.4
	Dover... ...	ybc	bcb	46	54	1	~	9.3	0.9
	Deal	b	b	46	53	~	~	9.0	0.3
	Ramsgate ...	b.	b	46	50	~	~	9.8	0.1
	Margate ...	bcb	bbc	46	49	Tr	~	10.0	0.2
2	Southend ...	bbc	bcb	42	53	~	~	9.2	0.0
	Maldon ...	b	bcbv	44	54	0.3	~	10.0	0.0
	Clacton-on-Sea	bbc	bc	42	52	~	~	10.2	0.0
	Dovercourt ...	bcv	bv	41	52	~	~	9.1	0.0
	Lowestoft ...	b	b	37	50	Tr	~	11.9	0.0
	Skegness ...	b	b	36	49	~	~	11.0	1.4
	Mablethorpe	bcb	b	33	49	~	~	11.0	2.4
	Cleethorpes...	b	b	34	51	~	~	10.6	4.7
3	Leamington S.	b	b	36	55	~	~	10.2	0.0
4	Cheltenham†	bwbcq	bcbzo	38	55	~	~	10.8	0.0
5	Bath	b	b	39	56	~	~	10.2	0.0
	Weymouth ...	by	by	40	59	3	~	10.5	0.0
	Jersey ...	crcbc	bcb	47	56	4	~	5.0	0.0
	Torquay ...	pby	bby	42	57	1	~	11.3	0.0
	Penzance ...	b	b	47	54	~	~	10.4	0.0
	St. Ives ...	b	b	46	53	~	~	10.4	0.0
	Bude	b	b	49	54	~	~	11.0	0.0
	Ilfracombe ...	b	b	44	54	~	~	10.7	0.6
6	Aberystwyth	bc	b	35	49	~	~	11.2	4.7
7	Llandudno ...	b	b	42	49	~	~	10.3	7.2
	Colwyn Bay...	bcb	b	42	49	~	~	10.2	7.2
	Rhyl	bcb	b	44	49	~	~	10.7	7.0
8	Wallasey ...	b	b	43	51	~	~	10.6	7.4
	Southport‖ ...	b	b	41	51	~	~	10.7	8.7
	Blackpool ...	bcb	bbc	40	50	~	~	10.9	10.1
	Morecambe ...	b	b	40	50	~	~	10.7	11.0
9	Ilkley... ...	b	b	35	56	~	~	10.3	8.8
10	Berwick-on-T.	bc	c	33	50	~	~	9.5	10.7
11	Dunbar ...	bc	bc	36	52	~	~	8.3	11.3
12	Troon... ...	ccbc	bcc	40	50	Tr	~	9.5	9.8
	Douglas ...	xcbbc	bccb	38	50	~	~	10.0	10.9

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Friday 14th April 1933



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ◯ Clear sky. ◯ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◑ Sky 5/10 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet. ≡ Fog. ≡ Mist. T Thunder. K Thunderstorm.
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. 14th April, 1933.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Variable to southerly winds, light; fine, local morning mist or fog; moderate to rather high day temperature; local frost at night.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Moderate to fresh southerly wind, fair; rather mild.
9. N Midlands 10. N.E England 11 S.E. Scotland	As 1 - 4.
12. S.W. Scotland & Isle of Man (A.W.Scotld.	Fresh to strong southerly wind; cloudy with occasional rain or drizzle; mild.
13. ‡ B.N.W. Scotland	As 16.
14 Mid-Scotland 15 N.E. Scotland	Freshening south to southwest wind; cloudy: rather mild.
16 Orkneys and Shetlands. ‡	Strong to gale southerly wind; cloudy with occasional rain or drizzle; mild.
17. N.W. Ireland	As 12 - 13A.
18. N.E. Ireland 19. S.E. Ireland	As 5 - 8.
20. S.W. Ireland	As 12 - 13A.

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

GENERAL INFERENCE.

An anticyclone centred over England is moving eastwards. An extensive low pressure system covers the Atlantic between Iceland and the Azores and secondaries are moving north-northeastwards off our western coasts. Weather will be unsettled in the extreme west and north with strong to gale southerly winds. Elsewhere fair or fine weather is probable.

FURTHER OUTLOOK.

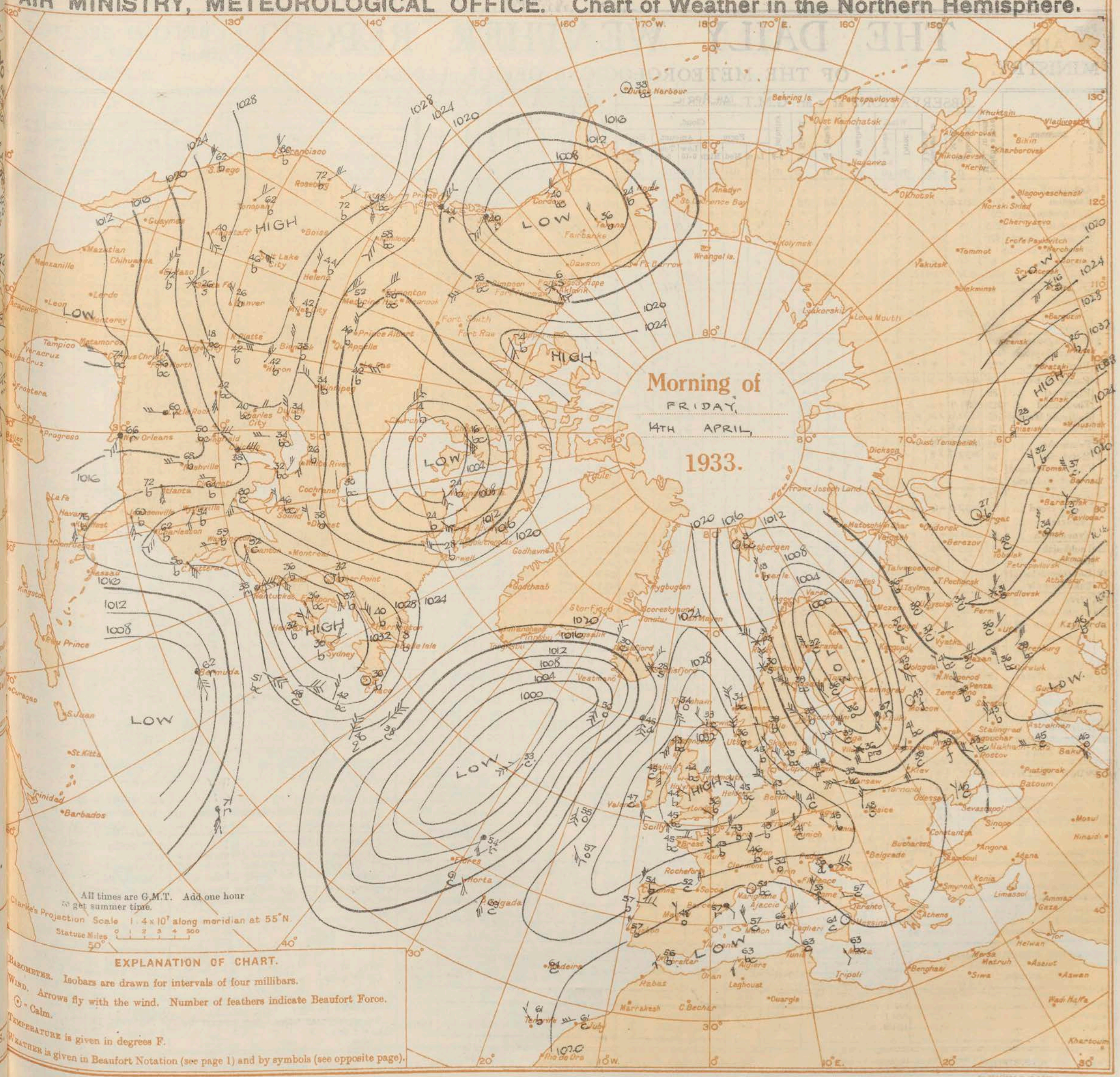
Becoming unsettled in the West and North. Fair in the East and Southeast with rising temperature generally.

Time of issue of Gale Warning.
‡South Cone at 0915 on 14th in 13B and 16.

Forecasts issued at 1100 G.M.T.

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

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



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).

Official Copy

Page 4.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

FRIDAY 14th APRIL 1933.

No. 26076

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

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	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croyden ...	217	1032·5	+18	E	1	b	38	85	6	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8														
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1032·3	+14	NE'N	3	b	34	95	8	-	-	-	0	0	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	1033·2	+14	NW'W	1	b	39	85	7	-	-	-	0	0	-
	Cranwell ...	240														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1032·1	+16	ENE	3	b	44	95	7	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	1031·4	+10	E	2	b	44	75	8	1	-	-	1	1	5700
	Scilly (St. Mary's)	163	1031.6	+12	E'N	2	b	45	95	8	-	-	1	0	Tr.	-
	Guernsey ...	175	1030.6	+16	-	0	b	46	85	8	-	-	-	0	0	-
6	Pembroke ...	142	1031.0	+8	NE	3	bc	41	75	7	4	-	-	4·6	4-6	4000
7	Holyhead ...	26	1032·7	+8	-	0	b	41	95	8	-	-	1	0	Tr.	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1032·0	+6	WSW	2	bc	41	85	7	-	1	-	0	2·3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	1031.6	+10	W	2	b	41	65	7	-	-	-	0	0	-
11	Inchkeith ...	190	1032·1	+8	E	1	c	42	75	8	5	8	-	4·6	7-8	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts L)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1030·5	+10	ENE	2	bc	39	65	8	8	4	-	2·3	4·6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	87	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1032·9	+12	WSW	3	bc	30	75	8	5	-	-	2·3	2·3	2500
16	Lerwick ...	54	1030.6	+18	NNW	3	bc	32	85	9	4	-	-	4·6	4·6	1500
17	Blacksod Point	18	1028.9	-4	S	1	bc	48	85	8	-	5	-	0	4-6	-
18	Malin Head ...	52	1030.5	-2	S'W	3	bc	41	95	8	5	3	-	2·3	2·3	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1031·2	+6	SW'S	2	c	46	85	8	5	-	-	9+	9+	4000
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)...	1034·2	+12	-	0	b	38	95	4	-	-	-	0	0	-	1	*
	Croyden ...	1034·0	+10	ESE	1	b	36	95	5	-	-	1	0	Tr	-	0	*
	S. Farnborough	1034·5	+10	-	0	bm	32	95	5	-	-	-	0	0	-	0	*
	Winchester ...	1034·4	+12	NNW	1	bc	35	95	7	-	-	5	0	4-6	-	0	*
	Boscombe Down	1034·0	+10	-	0	c	33	95	5	-	-	8	0	7-8	-	0	*
	Calshot (S'thmtn)	1033·7	+10	N'E	2	b	41	85	7	-	-	8	0	1	-	0	0
	Dungeness ...	*	*	SE	2	bc	*	*	7	2	8	*	2-3	4-6	1500	*	0
	Lympne ...	1033·9	+10	NE	2	b	39	85	8	4	-	-	1	1	2500	0	*
2	Shoeburyness	1034·2	+10	NW	1	bc	41	95	7	4	-	-	2-3	2-3	4000	0	*
	Felixstowe ...	1034·4	+12	N	2	bc	41	85	7	1	-	1	1	1	4000	0	0
	Gorleston ...	1033·7	+8	NW	2	bc	40	85	6	-	4	1	0	2-3	-	0	1
	Cranwell ...	1034·1	+16	-	0	bc	29	95	6	-	3	5	0	4-6	-	0	*
3	Birmingham ...	1033·8	+8	SW	1	m	38	95	4	-	-	6	0	4-6	-	0	*
	Upper Heyford	1034·2	+12	S	2	b	38	95	5	-	-	2	0	2-3	-	0	*
4	Ross-on-Wye ...	1033·6	+8	-	0	b	33	85	7	-	-	2	0	2-3	-	0	*
5	Portland Bill...	1033·2	+16	ENE	3	b	46	85	7	-	-	-	0	0	-	0	2
	Plymouth ...	1033·0	+14	ENE	1	c	43	85	8	-	-	8	0	7-8	-	1	1
	The Lizard ...	1032·9	+10	E'N	3	bc	46	85	7	7	4	-	2-3	2-3	4000	0	2
	Scilly (St. Mary's)	1032·3	+9	ESE	2	bc	45	95	7	7	-	2	1	4-6	4000	0	1
	Guernsey ...	1032·0	+10	NE	3	bc	49	85	7	-	1	8	0	2-3	-	0	3
6	Pembroke ...	1032·6	+8	NE	2	c	44	85	6	5	7	1	2-3	7-8	2500	0	1
7	Holyhead ...	1033·1	+9	E'S	1	b	44	95	9	-	-	1	0	Tr	-	0	0
	Chester (Sealand)	1033·9	+8	-	0	-	33	95	5	-	-	2	0	2-3	-	0	*
8	L'pool (Bidston)	1033·1	+9	W	2	b	41	85	8	1	-	1	Tr	Tr	4000	0	*
9	Harrogate ...	1033·7	+6	E	1	bc	36	85	6	-	3	9	0	4-6	-	0	*
10	Spurn Head ...	1033·6	+6	-	0	c	44	75	7	4	3	-	4-6	7-8	-	0	1
	Catterick ...	1034·0	+12	NW	1	b	34	85	7	-	3	1	0	Tr	-	0	*
	Tynemouth ...	1033·1	+10	E	3	bc	44	75	8	2	-	-	4-6	4-6	2500	0	2
11	Inchkeith ...	1033·7	+10	ESE	2	c	40	85	8	5	-	-	9	9	2500	0	1
	Leuchars ...	1033·5	+8	SE	3	c	40	65	8	5	-	-	9+	9+	4000	0	*
12	Renfrew (Abbotts L)	1033·3	+16	-	0	c	33	55	5	5	-	-	7-8	7-8	4000	1	*
	Eskdalemuir ...	1034·3	+14	-	0	bc	32	95	8	-	3	2	0	4-6	-	4	*
13A	Tiree	1029·9	-6	SE'S	5	c	44	75	9	5	7	-	9+	9+	2500	0	3
13B	Stornoway ...	1027·2	-14	SSW	4	bc	43	85	9	8	9	-	2-3	4-6	1500	1	3
15	Dalwhinnie ...	1033·3	+12	S	2	bc	38	75	8	4	1	-	2-3	4-6	2500	1	*
	Aberdeen ...	1033·8	+12	WNW	1	c	33	85	6	5	-	-	9	9	4000	1	1
	Wick	1032·2	-2	S	2	bc	38	55	8	5	-	-	2-3	2-3	4000	0	2
16	Lerwick ...	1031·6	+20	NW	2	bc	33	76	9	5	-	8	2-3	4-6	1600	0	*
17	Blacksod Point	1028·6	-4	S	4	c	48	85	8	5	-	-	7-8	7-8	450	0	3
18	Malin Head ...	1029·4	-4	SE	3	c	45	85	8	5	7	-	9	9+	2500	0	1
	Aldergrove ...	1032·5	0	SSE	2	c	42	75	8	5	-	-	10	10	5700	0	*
	Donaghadee ...	1032·6	0	W	1	c	40	85	8	8	3	2	4-6	7-8	1500	0	0
19	Birr Castle ...	1031·7	+4	ESE	1	bc	35	95	8	-	4	-	0	2-3	-	0	*
20	Valentia Obsy.†	1031·1	-2	SE'S	4	c	47	75	8	5	-	1	9	9	1500	0	1
	Roches Point...	1032·7	+6	N	2	bc	39	95	8	5	-	-	2-3	2-3	2500	0	2

PAST 24 HOURS.

Distrct.	Stations.	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine Hrs. (36)
1	London (Kew)...	55	35	24	-	-	11·0
	Croyden ...	56	32	26	-	Tr	10·7
	S. Farnborough	59	28	16	-	-	10·5
	Winchester ...	55	28	19	-	-	11·6
	Boscombe Down	54	32	24	-	-	10·4
	Calshot (S'thmtn)	57	40	31	-	-	10·0
	Dungeness ...	54	32	*	-	-	*
	Lympne ...	51	30	25	-	-	10·0
2	Shoeburyness	53	33	23	-	-	11·1
	Felixstowe ...	52	32	27	-	-	11·5
	Gorleston ...	51	34	32	-	-	10·3
	Cranwell ...	55	32	26	-	-	10·9
3	Birmingham ...	53	35	23	-	-	11·2
	Upper Heyford	54	33	22	-	-	*
4	Ross-on-Wye ...	54	31	19	-	-	12·6
5	Portland Bill...	56	43	*	-	-	*
	Plymouth ...	59	41	28	-	-	12·5
	The Lizard ...	57	44	*	-	-	*
	Scilly (St. Mary's)	51	42	*	-	-	12·4
	Guernsey ...	51	45	37	-	-	7·2
6	Pembroke ...	53	41	*	-	-	11·6
7	Holyhead ...	50	39	26	-	-	11·5
	Chester (Sealand)	49	30	23	-	-	11·4
8	L'pool (Bidston)	49	40	36	-	-	11·6
9	Harrogate ...	54	31	26	-	-	11·3
10	Spurn Head ...	52	38	*	-	-	12·0
	Catterick ...	54	29	21	-	-	11·0
	Tynemouth ...	50	37	32	-	-	*
11	Inchkeith ...	49	40	35	-	Tr	8·3
	Leuchars ...	53	33	25	Tr	Tr	9·9
12	Renfrew (Abbotts L)	51	29	26	-	-	9·2
	Eskdalemuir ...	51	29	25	-	-	8·5
13A	Tiree	48	34	22	0.5	-	8·7
13B	Stornoway ...	46	36	*	1	-	5·5
15	Dalwhinnie ...	47	29	25	1	Tr	7·1
	Aberdeen ...	49	28	23	Tr	-	*
	Wick	44	25	*	0.4	-	*
16	Lerwick ...	40	31	*	1	-	6·4
17	Blacksod Point	51	45	*	-	-	*
18	Malin Head ...	49	39	*	Tr	-	6·7
	Aldergrove ...	51	35	29	Tr	-	2·5
	Donaghadee ...	49	36	*	-	-	*
19	Birr Castle ...	56	34	23	-	-	11·5
20	Valentia Obsy.†	54	45	41	-	-	11·1
	Roches Point...	52	37	*	-	Tr	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations, except Greenwich & Hampstead rainfall, 9h-18h.

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility 9h.
KEW	18	bcy	bcb	bmx	55	35	24	-	-	11·1	*	*	5
CROYDON	217	cmbz	bcz	bcbm	56	32	26	-	Tr	10·7	*	*	6
GREENWICH (Royal Observatory) ...	149	by	by	bx	57	32	20	-	Tr	9·6	41	69	6
CITY (Bunhill Row)	—									10·0	*	*	
WESTMINSTER (St. James' Park) ...	27	*	*	*	59	39	31	—		9·7	35	67	*
†REGENTS PK. (Botanic Gardens) ...	168	*	*	*	58	36	24	-	-	10·7	56	69	*
CAMDEN SQUARE	110	b	b	*	59	36	33	-	-	*	*	64	*
KENSINGTON	80	bc	bc	*	57	37	29	-	-	10·3	At 18h.	57	*
HAMPSTEAD OBSERVATORY	450	bc	bcm	bc	54	37	22	-	-	11·2	*	69	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

SOUTH KENSINGTON.

Max.	Time.	Min.	Time.
0.5	20-21h 13th 4-7h 14th	<0.1	1300 13th

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
0.2	19h 13th	<0.1	16h 13th

FOREIGN OBSERVATIONS.

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

Stations.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
PARIS	1018.6	NNE	4	bc	57
BRUSSELS	1025·9	N'W	4	b	50
BERLIN	1021·1	NW'W	3	b	50
ZÜRICH	1019.5	NNE	1	cr	54
ROME					

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

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1030·6	NE	3	b	43
1033·0	NE	3	c	41
1026·1	WNW	4	c	39
1024·9	NNE	3	o	45
1020·3	NNE	2	m	55

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
61	39	-	-
59	36	-	-
57	?	-	-
59	45	5	0·2
	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.

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 and Rainfall are for the 24 hours ending 9 h.

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Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 15th April 1933.

No. 26077

District	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 14th April: 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)	1034.3	-4	E	2	b	55	35	8	-	-	-	0	0	-
	Croydon	1034.0	-6	NE	2	bc	56	45	8	1	-	8	1	2-3	5700
	S. Farnborough	1033.8	-8	SE	3	bc	58	45	7	7	-	-	4-6	4-6	4000
	Winchester	1033.6	-10	ENE	2	bc	56	55	8	4	-	-	2-3	2-3	4000
	Boscombe Down	1033.6	-10	E	2	b	55	45	7	1	-	-	Tr	Tr	4000
	Calshot, S'thmtn	1034.5	-2	E'S	3	b	53	65	8	1	-	-	Tr	Tr	4000
	Dungeness	*	*	NE	4	bc	*	*	7	4	7	*	2-3	2-3	1500
	Lympne	1034.4	-4	ESE	4	b	50	45	9	1	-	-1	1	1	4000
2	Shoeburyness	1035.3	0	ESE	3	bc	51	65	8	1	-	-	2-3	2-3	4000
	Felixstowe	1035.5	0	ESE	3	bc	50	65	9	1	-	1	1	2-3	4000
	Gorleston	1034.6	+2	E'S	3	bc	47	85	6	1	-	-	2-3	2-3	4000
	Cranwell	1033.0	-10	S'W	4	bc	57	45	7	1	-	8	2-3	4-6	4000
3	Birmingham	1033.0	-4	SSW	2	b	56	45	8	1	-	-	1	1	4000
	Upper Heyford	1033.7	-10	S'W	2	b	57	45	8	1	-	1	1	1	4000
4	Ross-on-Wye	1032.4	+4	SW	3	bc	57	45	8	1	-	-	2-3	2-3	4000
5	Portland Bill	1034.5	+2	E	3	b	51	75	8	-	-	-	0	0	-
	Plymouth	1033.3	-2	SSE	4	b	53	65	8	1	-	-	1	1	4000
	The Lizard	1033.1	0	E	2	bc	55	65	8	7	-	-	2-3	2-3	5700
	Scilly (St. Mary's)	1032.8	0	SE	4	b	54	85	7	-	-	-	0	0	-
	Guernsey	1032.8	0	NE	3	b	51	75	8	-	-	-	0	0	-
6	Pembroke	1032.4	-4	SSE	2	bc	51	85	6	1	-	-	2-3	2-3	4000
7	Holyhead	1032.3	-10	S'W	3	bc	53	35	8	1	-	8	Tr	4-6	4000
	Chester (Sealand)	1032.2	-14	SSE	1	b	57	55	6	1	-	-	1	1	4000
8	L'pool (Bidston)	1032.3	0	NW	2	b	50	55	8	-	-	-	0	0	-
9	Harrogate	1031.7	-6	S	2	b	54	45	7	-	-	-	0	0	-
10	Spurn Head	1033.2	-4	SSE	5	bc	49	75	7	-	3	8	0	4-6	-
	Catterick	1031.7	-16	ESE	2	b	55	45	7	1	-	-	1	1	4000
	Tynemouth	1031.9	-10	SE	43	bc	45	85	8	2	-	2	2-3	4-6	2500
	Inchkeith	1031.1	-16	E	1	c	47	65	8	4	6	-	4-6	9	2500
12	Leuchars	1030.2	-24	S	3	c	50	55	7	7	5	6	4-6	9	2500
	Renfrew (Abbotts L)	1030.6	-16	SW	4	c	52	45	8	1	-	8	1	9+	4000
	Eskdalemuir	1031.2	-16	SW	3	c	48	45	8	7	3	1	7-8	7-8	4000
13a	Tiree	1027.0	-16	S	6	c	49	75	8	5	7	-	9+	10	2500
13b	Stornoway	1022.0	-36	S	7	c	47	75	7	8	2	-	4-6	10	1500
15	Dalwhinnie	1028.6	+22	S	3	c	49	55	8	4	4	-	4-6	7-8	2500
	Aberdeen	1030.1	-22	S	4	c	44	65	7	8	-	2	4-6	7-8	4000
	Wick	1027.5	-20	S	5	bc	46	75	8	5	-	8	4-6	4-6	4000
16	Lerwick	1027.9	-10	S	5	c	37	75	8	5	-	7	4-6	10	1500
17	Blacksod Point	1028.2	-4	S	5	c	52	85	8	5	-	-	10	10	800
18	Malin Head	1028.1	-8	SSW	3	c	51	85	8	5	1	-	7-8	9+	2500
	Aldergrove	1030.8	-22	SSW	4	bc	53	45	8	1	3	3	2-3	4-6	4000
	Donaghadee	1032.0	0	W	2	bc	54	45	8	8	4	1	2-3	4-6	4000
19	Birr Castle	1030.7	-8	S	2	c	57	45	8	-	-	4	0	10	-
20	Valentia Obsy.	1031.4	+2	S	4	c	52	65	8	5	-	-	9+	9+	2500
	Roches Point	1030.3	-4	SW	2	bc	52	65	9	5	-	9	2-3	4-6	2500

District	Stations. (For heights see p. 4.)	OBSERVATIONS at 18h. G.M.T. 14th April: 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)	1032.6	-10	E	3	b	53	85	5	-	-	1	0	Tr	-	0	*
	Croydon	1032.5	-4	SE	2	bc	53	45	7	1	-	1	Tr	2-3	4000	0	*
	S. Farnborough	1032.7	-2	SW'S	3	b	51	55	7	-	-	8	0	Tr	-	0	*
	Winchester	1033.1	+2	SSW	3	b	49	55	8	-	-	-	0	0	-	0	*
	Boscombe Down	1032.6	+2	S'W	3	b	49	75	7	-	-	-	0	0	-	0	*
	Calshot, S'thmtn	1033.2	-2	ESE	3	b	49	65	8	-	-	-	0	0	-	0	1
	Dungeness	*	*	NE	4	bc	*	*	7	4	9	*	4-8	10	1500	*	2
	Lympne	1033.7	0	ENE	3	bc	45	55	8	-	-	1	0	2-3	-	0	*
2	Shoeburyness	1033.7	-4	ESE	3	b	47	75	8	-	-	8	0	1	-	0	*
	Felixstowe	1033.9	-8	SE'S	3	bc	46	75	9	-	-	1	0	2-3	-	0	1
	Gorleston	1033.6	-6	S'E	5	bc	46	85	7	-	-	1	0	2-3	-	0	3
	Cranwell	1030.7	-12	SW'S	3	b	55	55	6	-	-	8	0	1	-	0	*
3	Birmingham	1030.9	-8	SSW	3	b	56	45	8	-	-	-	0	0	-	0	*
	Upper Heyford	1032.0	-4	SSW	2	b	55	45	8	-	-	-	0	0	-	0	*
4	Ross-on-Wye	1030.8	-8	SSW	3	b	55	35	7	-	-	-	0	0	-	0	*
5	Portland Bill	1033.3	-6	E	2	b	47	75	8	-	-	-	0	0	-	0	2
	Plymouth	1032.7	-2	SE	3	b	51	55	8	-	-	1	0	Tr	-	0	1
	The Lizard	1032.7	-6	E'N	3	bc	49	75	8	7	4	-	1	2-3	4000	0	2
	Scilly (St. Mary's)	1032.3	-2	SE'S	3	b	50	85	8	-	-	8	0	1	-	0	2
	Guernsey	1031.7	-8	ENE	4	b	48	75	8	-	-	-	0	0	-	0	3
6	Pembroke	1031.0	-8	WSW	1	bc	50	85	6	-	7	-	0	2-3	-	0	1
7	Holyhead	1029.7	-20	SSW	4	bc	49	75	7	5	-	8	Tr	2-3	5700	0	1
	Chester (Sealand)	1030.5	-8	WNW	2	b	51	55	7	-	-	4	0	1	-	0	*
8	L'pool (Bidston)	1030.3	-10	-	0	b	53	45	8	-	-	1	0	Tr	-	0	*
9	Harrogate	1029.4	-6	SW	1	b	53	45	7	-	-	1	0	1	-	0	*
10	Spurn Head	1030.1	-6	SSE	5	bc	47	85	7	-	1	-	0	2-3	-	0	4
	Catterick	1028.7	-10	WSW	4	bc	52	45	8	-	-	4	0	2-3	-	0	*
	Tynemouth	1028.5	-14	SSE	2	bc	46	85	7	5	-	1	2-3	2-3	1500	0	2
	Inchkeith	1027.0	-26	SW	3	c	43	65	8	5	7	-	7-8	10	2500	0	2
12	Leuchars	1025.9	-34	SW	3	c	50	55	7	5	7	-	2-3	9+	5700	0	*
	Renfrew (Abbotts L)	1027.2	-18	SW	4	c	50	55	8	5	7	8	4-6	9+	5700	0	*
	Eskdalemuir	1028.0	-20	SW'S	4	c	46	55	8	-	7	8	0	9	-	0	*
13a	Tiree	1023.8	-26	S	4	c	49	75	9	5	7	-	9	9+	2500	1	3
13b	Stornoway	1016.3	-22	SSW	8	ir	45	95	7	8	2	-	4-6	10	1500	1	4
15	Dalwhinnie	*	-20	S	3	c	44	65	7	4	4	-	9	10	1500	0	*
	Aberdeen	1025.4	-32	S	4	c	44	85	6	-	7	-	0	9+	-	0	2
	Wick	1020.9	-48	S	5	c	48	75	8	8	1	-	7-8	10	1500	0	3
16	Lerwick	1017.5	-50	S	7	r	43	85	6	6	2	-	7-8	10	1500	1	*
17	Blacksod Point	1025.9	-14	S	7	9	51	85	8	5	-	-	9	9	450	0	5
18	Malin Head	1025.1	-20	SW	8	c	52	95	8	4	7	-	4-6	9+	2500	0	1
	Aldergrove	1027.7	-22	S'E	3	c	51	55	8	-	7	6	0	10	-	0	*
	Donaghadee	1028.7	-16	W	2	bc	48	65	8	7	2	-	4-6	4-6	4000	0	1
19	Birr Castle	1028.3	-8	SSW	2	c	57	45	8	-	-	8	0	7-8	-	0	*
20	Valentia Obsy.	1029.6	-8	S	4	c	50	75	8	5	-	1	7-8	7-8	4000	0	2
	Roches Point	1029.5	-12	SW	3	bc	51	75	9	5	-	-	4-6	4-6	2500	0	3

District	Stations. (For heights see p. 4.)	PAST 24 HOURS. Weather. 7h.–13h. 14th (37)	13h.–18h. 14th (38)	18h. 14th–1h. 15th (39)	1h.–7h. 15th (40)
1	London (Kew)	bm$_o$	bbz$_o$	bz$_o$y	xbm$_o$
	Croydon	m$_o$z$_o$yb	byv	bz$_o$	bcz$_o$bc
	S. Farnborough	bz$_o$bcy	bcyby	bybw	bxbcm
	Winchester	bcbbcy	bcby	byb	bbcm$_o$
	Boscombe Down	bcm$_o$by	by	bm$_o$	bm$_o$x
	Calshot, S'thmtn	b	b	b	bw
	Dungeness	bc	b	*	bc
	Lympne	bcbvy	bvy	b	bbc
2	Shoeburyness	bcb	b	b	bbcm$_o$
	Felixstowe	bv	bcv	bv	bcw
	Gorleston	bc	bc	b$_o$by	bcc
	Cranwell	m$_o$bc	bcyb	bz$_o$y	bm$_o$c
3	Birmingham	mb	b	b	bbcc
	Upper Heyford	bz$_o$y	by	b	bbcc
4	Ross-on-Wye	bz$_o$bcy	bz$_o$y	byb	bcc
5	Portland Bill	b	b	b	bbc
	Plymouth	cb	by	b	bx
	The Lizard	bc	bc	bcb	bbcw
	Scilly (St. Mary's)	bcb	b	b	bbcb
	Guernsey	bcb	b	b	bw
6	Pembroke	bm$_o$	bbcm$_o$	bcm$_o$b	bm$_o$b
7	Holyhead	bbcy	bcy	bcb	bbcc
	Chester (Sealand)	m$_o$b	by	bbc	bcc
8	L'pool (Bidston)	bby	bby	b	bbc
9	Harrogate	bcb	b	bbc	bcc
10	Spurn Head	cbc	bc	bc	bcc
	Catterick	by	bz$_o$	bcyc	c
	Tynemouth	bc	bc	bc	bcc
	Inchkeith	c	c	c	c
12	Leuchars	cbccy	cy	cybc	bccq
	Renfrew (Abbotts L)	cbcz$_o$c	cbccy	cyc	ccq
	Eskdalemuir	bc	bccy	cycbc	bcc
13a	Tiree	c	cir	c	cdrd$_o$
13b	Stornoway	bcc	cir	crr	crrddm$_o$
15	Dalwhinnie	bc	c	*	ir
	Aberdeen	c$_o$bcc	cc$_o$	c$_o$	cir$_o$
	Wick	bc	bcc	cprr$_o$	pr$_o$r$_o$
16	Lerwick	bcc	crr$_o$m$_o$	corrm	ocir$_o$
17	Blacksod Point	c	c	c	cq
18	Malin Head	c	c	c	c
	Aldergrove	cbc	bccy	c	c
	Donaghadee	cbc	bc	bc	bc
19	Birr Castle	bcycy	cy	c	c
20	Valentia Obsy.	c	c	c	c
	Roches Point	bcv	bcv	bcvbc	bcc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
K/s, 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, contin ous 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.

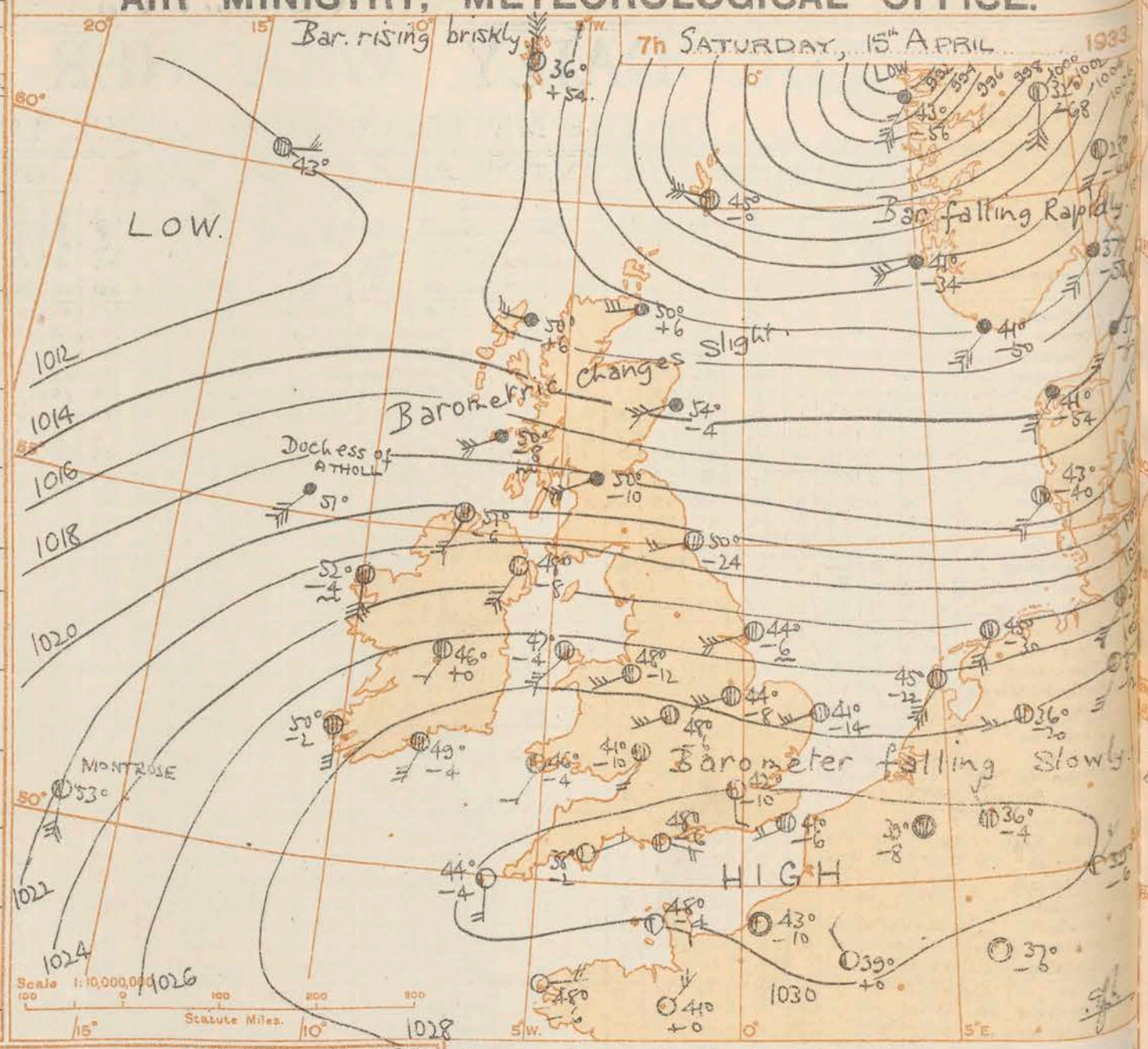
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for... Friday 14 April 1933.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 13th to 9h. 14th	Temperature. Max. 9h.—17h. 14th	Rainfall. Night. 17h. 13th to 9h. 14th	Rainfall. Day. 9h.—17h. 14th	Sunshine. Sunrise to 17h. 14th	Sunshine. Sunrise to Sunset. 13th
1	Tunbridge W.	b	b	27	56	–	–	11.0	11.1
	Bournemouth	b	b	34	55	–	–	10.4	11.2
	Ventnor ...	b	b	41	56	–	–	10.7	10.6
	Southsea ...	b	b	38	52	–	–	10.9	9.2
	Bognor Regis	b	b	37	52	–	–	11.1	7.3
	Littlehampton	bc	bc	35	52	–	–	11.0	7.8
	Worthing ...	b	b	37	51	–	–	11.2	8.3
	Brighton ...	b	b	37	54	–	–	11.0	7.8
	Eastbourne†	b	bvy	37	50	–	–	11.2	8.1
	Hastings† ...	bcb	b	37	52	–	–	11.2	8.4
	Folkestone ...	b	b	39	51	–	–	10.9	10.1
	Dover... ...	ybc	bcbbc	38	55	–	–	11.0	10.4
	Deal	b	b	36	53	–	–	10.9	10.0
	Ramsgate ...	b	b	43	50	–	–	11.1	10.5
	Margate ...	b	b	43	50	–	–	11.3	10.9
2	Southend ...	b	b	37	52	–	–	10.9	9.7
	Maldon ...	xb	bv	34	53	–	–	11.1	10.4
	Clacton-on-Sea	bc	bc	37	51	–	–	10.7	10.5
	Dovercourt ...	bv	b	37	52	–	–	11.1	9.5
	Lowestoft ...	b	bb	30	50	–	–	10.8	12.5
	Skegness ...	b	b	36	50	–	–	10.7	11.4
	Mablethorpe	bv	bbcv	33	51	–	–	9.7	12.3
	Cleethorpes...	bc	b	34	56	–	–	8.8	11.6
3	Leamington S.	b	b	37	60	–	–	9.4	10.2
4	Cheltenham†	bwm	b	33	59	–	–	9.9	11.4
5	Bath	b	b	32	60	–	–	9.9	11.7
	Weymouth ...	b	b	40	54	–	–	10.7	11.4
	Jersey ...	bcb	b	43	55	–	–	11.3	6.4
	Torquay ...	bw	b	39	53	–	–	10.4	12.5
	Penzance ...	b	b	39	56	–	–	10.9	11.1
	St. Ives ...	b	b	41	57	–	–	10.7	12.0
	Bude	b	b	?	56	–	–	9.6	11.0
	Ilfracombe ...	b	b	41	55	–	–	9.3	12.2
6	Aberystwyth	b	b	36	52	–	–	10.4	12.5
7	Llandudno ...	b	b	35	54	–	–	10.6	11.4
	Colwyn Bay...	b	b	36	49	–	–	10.6	11.5
	Rhyl	b	b	33	54	–	–	10.8	11.6
8	Wallasey ...	b	b	38	52	–	–	10.0	11.3
	Southport‖ ...	wb	b	34	54	–	–	10.3	11.9
	Blackpool ...	bcb	bbc	35	54	–	–	10.8	12.0
	Morecambe ...	cbbc	b	34	51	–	–	10.5	12.0
9	Ilkley... ...	b	b	29	58	–	–	10.0	11.5
10	Berwick-on-T.	c	bcc	39	47	–	–	~~3.7~~ 10.0	11.5
11	Dunbar ...	bc	bc	37	54	Tr	–	4.0	8.3
12	Troon... ...	bcb	b	38	51	–	–	8.3	10.9
	Douglas ...	xbc	bccb	33	50	–	–	10.8	10.4

† 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. ≡ Fog. ≡ Mist. T Thunder. ET Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 15th April, 1933.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales	Light or moderate southwest wind; fair; rather warm.
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 southwest wind; mainly cloudy, local rain or drizzle; mild.
13. A. W. Scotld. B. N.W. Scotland.	Moderate or fresh westerly wind; cloudy, occasional rain or showers, bright intervals later; mild, becoming cooler.
14. Mid-Scotland 15. N.E. Scotland	
16. Orkneys and Shetlands.	Moderate or fresh west or northwest wind; cloudy, some showers of rain or sleet; rather cold.
17. N.W. Ireland 18. N.E. Ireland	As 8 - 13A.
19. S.E. Ireland 20. S.W. Ireland	Light or moderate south or southwest wind; mainly cloudy; mild.

H M Stationery Office Press, Kingsway WC2.

GENERAL INFERENCE.

An anticyclone is situated over the English Channel and North France and is tending to give way. A vigorous depression centred off the Norwegian coast is moving east or northeast and another depression is situated out on the Atlantic. Weather will be fair in the South and unsettled in the North.

FURTHER OUTLOOK.

Unsettled in the North; fair in the South.

Time of issue of gale warning.

▼ South Cone hoisted 0915 G.M.T on the 14th in 16.

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
SATURDAY
15TH APRIL
1933.

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

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

Statute Miles 0 1 2 3 4 5co

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).

Official Copy

Page 4.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 15 April 1933.

No. 26,977

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

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)...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1032.5	-10	S	2	b	40	65	6	-	-	-	0	0	-
	S. Farnborough	287	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8														
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1032.4	-14	SE	3	b	42	75	8	-	-	-	0	0	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	1031.4	-8	SSW	3	b	40	85	7	-	-	-	0	0	-
	Cranwell ...	240														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1031.6	-6	ESE	2	b	46	85	8	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	1032.1	-2	E'N	2	b	44	85	8	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1031.8	-4	SE	2	b	43	95	8	-	-	-	0	0	-
	Guernsey ...	175	1031.2	-6	ENE	1	b	45	95	7	-	-	-	0	0	-
6	Pembroke ...	142	1030.5	-2	SSW	3	bc	47	95	7	-	7	-	0	2-3	-
7	Holyhead ...	26	1028.3	-10	SW	5	b	47	85	7	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1027.5	-6	SW	4	bc	44	85	7	-	3	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	1023.7	-20	W	2	bc	46	65	7	5	-	-	4-6	4-6	1500
11	Inchkeith ...	190	1021.1	-30	SW	4	c	46	85	6	5	1	-	4-6	7-8	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1011.1	-16	WSW	7	rr	50	85	6	9	2	-	7-8	10	800
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1012.5	-34	WSW	5	pc	49	95	8	9	2	-	7-8	10	1500
16	Lerwick ...	54	1005.6	-44	W'S	8	o	47	85	6	6	-	-	10	10	800
17	Blacksod Point	18	1024.1	-8	S	6	q	50	95	6	8	-	-	10	10	-
18	Malin Head ...	52	1022.1	-6	SW'S	4	c	50	95	6	6	2	-	9	10	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	90	1029.1	-6	SW	2	c	50	95	8	8	-	-	10	10	2500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-3 (30)
1	1030.1	-10	SW	2	bc	41	85	6	-	-	1	0	4-6	-	0	*
	1030.3	-10	S	1	bc	42	85	5	-	-	6	0	4-6	-	0	*
	1030.2	-8	S'W	1	bc	37	95	5	-	-	2	0	4-6	-	0	*
	1030.5	-6	-	0	bc	33	85	6	-	-	1	0	4-6	-	0	*
	1030.6	-8	-	0	bc fg	36	85	6	-	-	2	0	4-6	-	0	*
	1030.7	-8	NW	1	bc	39	95	6	-	-	1	0	2-3	-	0	0
	*	*	SW	1	c	*	*	6	5	7	*	2-3	7-8	1500	*	2
	1030.7	-6	WSW	2	c	41	95	7	-	-	6	0	9+	-	0	*
2	1030.0	-10	WSW	3	bc	44	85	6	-	-	4	0	4-6	-	0	*
	1029.6	-12	SW'W	2	bc	44	75	7	-	-	4	0	4-6	-	0	1
	1027.5	-14	SW'W	3	c	41	65	6	7	-	-	9	9	4000	0	2
	1026.9	-8	WSW	4	c	44	75	7	-	7	6	0	9+	-	0	*
3	1028.6	-6	WSW	3	c	48	65	7	-	7	6	0	7-8	-	0	*
	1029.6	-10	SSW	2	c	40	75	8	-	-	6	0	9	-	0	58 (57)
4	1028.8	-10	SW	2	c	41	75	7	-	-	6	0	7-8	-	0	*
5	1030.3	-6	ESE	2	bc	48	95	7	4	-	-	2-3	2-3	2500	0	2
	1030.4	-2	ENE	1	b	38	85	7	-	-	1	0	1	-	0	0
	1030.2	-2	E'N	2	bc	45	85	8	1	4	-	1	2-3	4000	0	2
	1030.1	-4	S	2	b	44	95	7	-	-	2	0	Tr	-	0	1
	1029.9	-4	ESE	1	b	48	75	7	-	3	-	0	1	-	0	2
6	1029.6	-4	SW	1	bc	46	95	7	4	-	-	2-3	2-3	4000	0	1
7	1027.1	-4	SW'W	4	c	47	75	6	5	-	2	2-3	10	2500	0	1
	1027.1	-12	WSW	3	c	48	75	6	5	2	6	2-3	9	1500	0	*
8	1026.5	-10	WSW	4	bc	47	75	7	5	-	6	1	4-6	2500	0	*
9	1024.6	-6	SSW	3	c	45	85	7	6	-	7	9	9+	2500	0	*
10	1024.9	-6	W'S	5	c	44	85	6	5	2	-	4-6	9+	1500	0	4
	1022.9	-8	WSW	4	c	47	85	8	5	-	-	9+	9+	1500	0	*
	1020.6	-24	WSW	2	c	50	75	7	4	6	-	4-6	7-8	4000	0	1
11	1018.0	-20	SW	5	c	48	85	7	5	-	-	10	10	2500	0	3
	1016.9	-14	WSW	5	c	50	85	7	5	7	8	7-8	10	1500	0	*
12	1018.8	-10	WSW	6	id.	50	85	7	5	2	-	9+	10	1500	0	*
	1021.7	-8	SW	4	o	44	95	6	5	-	-	10	10	800	0	*
13A	1017.3	-8	SW'W	6	Dr	50	95	5	6	-	-	10	10	450	1	4
13B	1011.9	-6	WNW	3	d. d.	50	95	5	5	-	-	10	10	800	1	2
15	1016.2	-6	W	3	ir	49	85	7	3	4	-	4-6	10	1500	1	*
	1013.4	-4	SW'W	4	ir.	54	65	7	6	7	-	2-3	9+	1500	1	1
	1010.5	-6	W	3	r. r.	50	95	7	6	2	-	7-8	10	1500	1	2
16	1004.0	0	W'N	6	c	45	95	7	9	2	-	7-8	9+	800	1	*
17	1023.3	-4	S	6	q	52	95	7	5	-	-	10	10	-	0	4
18	1019.9	-6	SW	4	c	51	95	7	5	2	-	9	10	1500	0	1
	1023.8	-8	SW'S	5	c	48	85	7	5	2	7	7-8	9+	450	0	*
	1024.0	-4	SW	2	bc	49	85	8	5	3	-	2-3	4-6	2500	0	0
19	1026.7	0	SW	1	c	46	85	8	5	-	-	9+	9+	2500	0	*
20	1027.6	-2	S	3	c	50	85	8	5	-	-	10	10	1500	0	1
	1028.9	-4	SW	3	c	49	75	8	5	-	-	7-8	7-8	2500	0	2

PAST 24 HOURS.

District.	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine hrs. (36)
1	58	36	25	-	-	11.1
	58	35	28	-	-	11.8
	59	30	19	-	-	11.2
	57	28	20	-	-	11.3
	58	32	24	-	-	11.5
	53	37	30	-	-	12.3
	51	34	*	-	-	*
	50	37	27	-	-	12.4
2	51	33	27	-	-	12.2
	50	39	35	-	-	12.0
	49	39	36	-	-	11.6
	59	43	39	-	-	10.1
3	58	40	36	-	-	10.5
	59	38	24	-	-	*
4	59	39	27	-	-	11.5
5	51	40	*	-	-	*
	56	35	30	-	-	11.8
	55	42	*	-	-	-
	55	41	*	-	-	12.5
	51	43	34	-	-	12.7
6	52	45	*	-	-	11.2
7	55	46	42	-	-	11.7
	60	44	32	-	-	11.3
8	53	44	42	-	-	11.4
9	55	44	38	-	-	10.5
10	50	42	*	-	-	9.7
	57	45	41	-	-	11.4
	47	45	38	-	-	*
13A	51	49	47	*	1	0.6
13B	48	45	*	1	8	1.4
15	50	41	35	-	2	3.5
	46	43	41	-	0.1	3.6
	49	45	*	-	1	*
16	43	38	*	0.3	6	3.2
17	52	49	*	-	-	*
18	54	49	*	-	-	0.5
	55	46	41	-	-	5.0
	55	42	*	-	-	*
19	59	40	32	-	-	11.1
20	53	49	48	-	-	0.9
	53	47	*	-	-	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations except Greenwich & Hampstead rainfall, 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	bm$_o$	bb$_{3o}$	b$_3$o y x b	58	36	25	-	-	11.1	*	*	6
Croydon	217	m$_{o3o}$ y b	b y v	b$_3$o b$_{3k}$	58	35	28	-	-	11.8	*	*	7
Greenwich (Royal Observatory) ...	149	by	by	bxc	57	35	22	-	Tr	10.8	41	66	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	10.5	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	58	37	31	-	-	11.1	35	64	*
‡Regents Pk. (Botanic Gardens) ...	168	*	*	*	57	39	28	-	-	9.6	35	70	-
Camden Square	110	b	b	*	59	40	32	-	-	*	*	71	*
Kensington	80	b3	bbc	*	58	38	29	-	-	~~1.0~~ 10.6	At 18h.	61	*
Hampstead Observatory	450	bc	bc	*	55	37	26	-	-	10.3	57	74	*

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	8h 14m	0.0	1h-4h 15th

Kew Observatory. Max.	Time.	Min.	Time.
0.4	22h 14th	<0.1	15h 14th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 14th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 15th April. 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	1030.2	NE	4	b	55	1030.2	NNW	1	b	39	61	36	-	-
Brussels	1032.2	NNE	3	b	48	1029.9	-	0	c	39	54	30	-	-
Berlin	1027.9	NW	2	bc	48	1027.6	W	2	c	37	52	34	-	-
Zürich	1025.8	E	2	bc	54	1027.1	NNW	2	b	39	57	36	-	-
Rome	1019.5	NNE	1	o	61	1024.2	NNE	1	o	55	66	52	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 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.

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 and Rainfall are for the 24 hours ending 9h.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 16th APRIL 1933.

No. 26078.

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

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) ...	b26·7	-20	W'S	4	c	58	95	8	-	-	1	0	9	-
	Croydon ...	1027·0	-22	W	4	c	60	35	7	-	7	8	0	9+	-
	S. Farnborough	1026·9	-22	WSW	4	c	61	45	7	-	-	6	0	7-8	-
	Winchester ...	1027·9	-18	WSW	2	c	59	55	7	-	-	6	0	9	-
	Boscombe Down	1027·3	-20	SW	2	c	59	45	6	-	-	6	0	9	-
	Calshot, S'thmtn	1028·0	-18	S'W	4	c	57	55	7	-	-	8	0	7-8	-
	Dungeness ...	*	*	SW	3	c	*	*	7	5	7	*	4-6	7-8	1500
	Lympne ...	1027·5	-22	SW'S	4	c	57	65	7	-	-	2	0	9+	-
2	Shoeburyness	1026·5	-24	WSW	4	c	58	95	6	-	7	-	0	7-8	-
	Felixstowe ...	1025·9	-22	W'S	3	c	59	55	8	-	-	4	0	7-8	-
	Gorleston ...	1024·5	-12	W'N	5	bc	58	45	6	-	7	-	0	4-6	-
	Cranwell ...	1024·7	-12	WSW	4	3o	55	65	6	7	-	6	2-3	9	2500
3	Birmingham ...	1026·1	-14	W	4	c	53	65	8	5	7	-	1	9+	4000
	Upper Heyford	1026·3	-18	W	4	c	60	35	7	-	1	8	0	7-8	-
4	Ross-on-Wye ...	1025·9	-14	W	2	c	60	45	7	-	-	8	0	9	-
5	Portland Bill...	1028·7	-6	NW	2	bc	51	85	7	4	4	1	2-3	4-6	2500
	Plymouth ...	1028·5	-12	SSW	3	b	52	78	7	-	-	1	0	1	-
	The Lizard ...	1028·7	-2	E	2	bc	53	75	8	7	4	-	1	2-3	4000
	Scilly (St. Mary's)	1028·9	-6	-	0	bc	56	85	7	2	-	1	1	2-3	4000
	Guernsey ...	1028·6	-8	ENE	1	bc	54	75	7	-	1	8	0	2-3	-
6	Pembroke ...	1027·1	-12	WSW	2	c	52	85	7	-	7	8	0	7-8	-
7	Holyhead ...	1025·1	-10	SW'S	5	c	52	65	8	5	-	8	Tr	7-8	4000
	Chester (Sealand)	1024·9	-14	W	3	c	59	55	8	5	3	8	2-3	9	2500
8	L'pool (Bidston)	1024·5	-10	W'S	4	c	56	65	8	4	-	6	Tr	7-8	4000
9	Harrogate ...	1023·2	-6	SW	4	c	60	75	8	6	2	-	4-6	9+	2500
10	Spurn Head ...	1022·5	-8	WN	6	c	53	76	6	5	2	-	4-6	9+	1500
	Catterick ...	1021·4	-14	SW	4	cq	50	75	8	5	7	1	2-3	9	2500
	Tynemouth ...	1019·2	-4	W	4	c	55	65	7	4	-	-	9	9	4000
11	Inchkeith ...	1018·9	0	SW	5	c	51	95	7	5	-	-	10	10	2500
12	Lauchars ...	1017·3	+4	SW	5	c	56	75	7	7	7	-	4-6	9	1500
	Renfrew (Abbotts'l)	1019·0	+2	W	5	c/d	54	85	7	5	7	-	7-8	9+	800
	Eskdalemuir ...	1021·2	-2	SW'S	3	do	47	95	5	6	-	-	10	10	<150
13A	Tiree	1018·4	0	SWW	6	m	51	95	4	5	-	-	10	10	220
13B	Stornoway ...	1019·4	(+6)	W	1	c	51	95	8	8	2	-	4-6	10	1500
15	Dalwhinnie ...	1018·0	+4	W	2	c	53	85	8	4	4	-	4-6	10	2500
	Aberdeen ...	1015·8	+12	NW	3	1o	56	75	6	6	-	-	9+	9+	1600
	Wick	1015·4	+24	NW	3	c	47	76	8	5	1	-	7-8	10	2500
16	Lerwick ...	1013·1	+34	N	5	bc	45	65	9	8	-	-	4-6	4-6	2500
17	Blacksod Point	1023·2	-6	WSW	6	q	54	85	7	5	-	-	9+	9+	<150
18	Malin Head ...	1020·4	+6	W'S	4	c/pr	51	95	7	8	2	-	9	10	800
	Aldergrove ...	1022·6	-6	SW	4	c	55	75	8	5	-	-	10	10	1500
	Donaghadee ...	1022·1	0	W	2	bc	59	76	8	5	3	-	2-3	4-6	2500
19	Birr Castle ...	1025·6	-6	WSW	2	c	57	65	8	5	-	-	9+	9+	2500
20	Valentia Obsy.	1027·0	-2	SW'S	3	c	55	65	9	5	-	-	9+	9+	2500
	Roches Point...	1027·5	-6	SW	3	c	53	86	8	5	-	-	7-8	7-8	2500

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

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
London (Kew) ...	1024·1	-8	W'S	2	bc	59	35	7	-	-	1	0	4-6	-	0	*
Croydon ...	1024·5	-8	S'W	3	c	58	65	7	-	7	8	0	7-8	-	0	*
S. Farnborough	1024·5	-6	WSW	2	c	57	66	7	-	1	8	0	7-8	-	0	*
Winchester ...	1025·0	-6	W'N	3	c	58	55	7	-	-	6	0	9	-	0	*
Boscombe Down	1024·8	-8	W'N	3	c	58	45	7	-	7	4	0	7-8	-	0	*
Calshot, S'thmtn	1025·4	-6	SSW	4	bc	52	75	7	-	-	8	0	9	-	0	*
Dungeness ...	*	*	SW	4	c	*	*	7	5	-	*	9	9	800	*	3
Lympne ...	1025·5	-2	SW	3	c	51	75	6	-	7	2	0	7-8	-	0	*
Shoeburyness	1023·9	-10	WSW	2	bc	59	55	6	-	2	8	0	4-6	-	0	*
Felixstowe ...	1023·5	-12	W	3	bc	59	45	8	-	4	4	0	4-6	-	0	1
Gorleston ...	1022·3	-6	WNW	3	c	58	85	6	5	-	-	9+	9+	2500	0	2
Cranwell ...	1022·8	-2	WSW	4	c	55	75	7	-	3	6	0	7-8	-	0	*
Birmingham ...	1024·0	-8	NW	3	c	56	55	8	5	7	8	2-3	9+	4000	0	*
Upper Heyford	1024·5	-4	NW	2	c	55	65	7	-	1	8	0	7-8	-	0	*
Ross-on-Wye ...	1023·9	-10	NW	3	c	60	55	7	-	1	8	0	7-8	-	0	*
Portland Bill...	1025·8	-20	WSW	3	bc	50	95	7	4	-	1	2-3	4-6	2500	0	2
Plymouth ...	1026·5	-8	SW	3	b	52	75	7	-	-	1	0	1	-	0	2
The Lizard ...	1026·8	-8	W	2	bc	53	75	8	7	4	-	2-3	2-3	4000	0	2
Scilly (St. Mary's)	1027·4	-8	SSE	1	b	52	85	7	5	-	1	1	1	1500	0	1
Guernsey ...	1026·0	-14	-	0	bc	55	65	7	5	-	1	8	0	2-3	-	0	1
Pembroke ...	1025·7	-18	WSW	1	bc	50	85	7	-	7	8	0	4-6	-	0	1
Holyhead ...	1023·6	-10	SW'S	4	c	50	85	8	5	-	-	9+	9+	4000	0	2
Chester (Sealand)	1023·6	-8	WSW	2	c	57	65	8	5	1	6	2-3	9	4000	0	*
L'pool (Bidston)	1023·0	-6	WSW	4	c	56	65	8	5	-	6	4-6	9	4000	0	*
Harrogate ...	1021·4	-10	WSW	5	c	50	75	8	6	2	-	4-6	10	4000	0	*
Spurn Head ...	1021·0	-6	NW'W	5	c	53	75	7	5	7	-	4-6	9	2500	0	3
Catterick ...	1018·9	-8	WSW	5	c	51	85	8	5	7	-	4-6	9+	2500	0	*
Tynemouth ...	1018·2	+4	W	5	c	55	85	7	4	-	-	7-8	7-8	4000	0	2
Inchkeith ...	1016·9	-10	SW	5	c	50	95	7	5	-	-	9+	9+	2500	0	3
Lauchars ...	1016·0	-9	W	3	c	56	85	9	5	7	3!	1	9+	1500	1	*
Renfrew (Abbotts'l)	1013·0	+2	WSW	5	1r	51	95	7	6	2	-	9	10	800	1	*
Eskdalemuir ...	1020·1	+4	S'W	3	dd	47	95	5	6	-	-	10	10	<150	1	*
Tiree	1018·2	-6	SWW	4	rf	50	95	3	5	-	-	10	10	450	1	2
Stornoway ...	1014·3	0	-	0	c	49	95	6	5	2	-	7-8	10	800	1	0
Dalwhinnie ...	1018·6	+2	W	2	d	50	85	6	4	2	-	4-6	10	800	1	*
Aberdeen ...	1017·3	+14	ENE	2	rr	44	95	6	6	-	-	10	10	1500	1	1
Wick	1014·7	0	NE	3	c	45	75	8	5	1	-	7-8	10	2500	0	2
Lerwick ...	1015·0	+18	NNW	3	jp	41	75	8	8	2	-	4-6	9	1500	0	*
Blacksod Point	1021·4	-4	SE	3	c	52	95	7	-	4	-	0	7-8	-	0	3
Malin Head ...	1020·3	0	SW	4	c	51	95	7	5	2	-	9	10	800	0	1
Aldergrove ...	1022·3	0	WSW	4	c	53	85	8	5	7	-	9	10	1500	0	*
Donaghadee ...	1021·9	0	W	2	c	57	75	8	5	3	-	4-6	7-8	1500	0	0
Birr Castle ...	1024·1	-8	WSW	2	c	56	65	8	5	7	-	4-6	9+	2500	0	*
Valentia Obsy.	1025·3	-8	SW'S	3	c	53	75	8	5	-	-	9+	9+	2500	0	2
Roches Point...	1026·0	-10	SW	3	bc	53	75	8	5	-	-	2-3	2-3	2500	0	3

PAST 24 HOURS.

Stations.	Weather. 7h.–13h. 15th (37)	Weather. 13h.–18h. 15th (38)	Weather. 18h. 15th to 1h. 16th (39)	Weather. 1h.–7h. 16th (40)
London (Kew) ...	bcm₀	cybc	bcyzo	bm₀w
Croydon ...	c₂c₂cy	cy	b	bbcm₀
S. Farnborough	bcy	cybcy	bcbw	bxbef
Winchester ...	bcm₀c	cy	cybcbm₀	bm₀om
Boscombe Down	bccz₀	cy	bcb	bbcf
Calshot, S'thmtn	bwm₀bc	by	bcb	om
Dungeness ...	bc	0	0	b
Lympne ...	c	cbcm₀	bcbw	bwm₀
Shoeburyness	bccm₀	cbcm₀	bcm₀	bcm₀
Felixstowe ...	cbc	bcy	bcy	bcbw
Gorleston ...	cqy	bccqy	cbcb	bbcc
Cranwell ...	cz₀	cz₀c	cbc	bc
Birmingham ...	c	c	cbc	bcc
Upper Heyford	c	cy	cbcw	bcw
Ross-on-Wye ...	c	cybcyc	cbcb	bwc
Portland Bill...	bc	bcbc	bcb	b
Plymouth ...	b	b	b	bw
The Lizard ...	bc	bc	bcb	bbcw
Scilly (St. Mary's)	bbc	bcb	b	bwbc
Guernsey ...	bbc	bc	b	bwj
Pembroke ...	bbcc	cbc	bcb	cbcwFc
Holyhead ...	cz₀c	~~bc~~ c	c	c
Chester (Sealand)	c	c	c	c
L'pool (Bidston)	cy	c	cbcc	c
Harrogate ...	c	c	c	c
Spurn Head ...	bc	bc	bc3	bcc
Catterick ...	cq	cq	c	c
Tynemouth ...	cq	cq	cp₀bcq	bco
Inchkeith ...	cir	c	cir	cir
Lauchars ...	cbccq	cqrirscu	crrrro	crr₀c
Renfrew (Abbotts'l)	cu₀idq	cqirsd	cu₀q	cir₀
Eskdalemuir ...	cfcfc	SDD	cdlc	codd
Tiree	Drdrcu	cmif	cdrdrm₀	crrm₀
Stornoway ...	cdsdc	cdsmc	cd₀d₀c	c
Dalwhinnie ...	ir	ir	*	rr
Aberdeen ...	cir	corr	crrm₀	crrid
Wick	rrpr	c	cid₀c	d₀mr
Lerwick ...	cbc	bcc	cbc	bcspro
Blacksod Point	c	c	c	c
Malin Head ...	cpro	c	c	c
Aldergrove ...	c	c	c	co
Donaghadee ...	bc	bcc	c	c
Birr Castle ...	c	c	c	c
Valentia Obsy.	cv	cvc	c	cw
Roches Point...	c	cbc	bcbw	bbcw

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

COLUMN 29.—STATE OF GROUND.

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

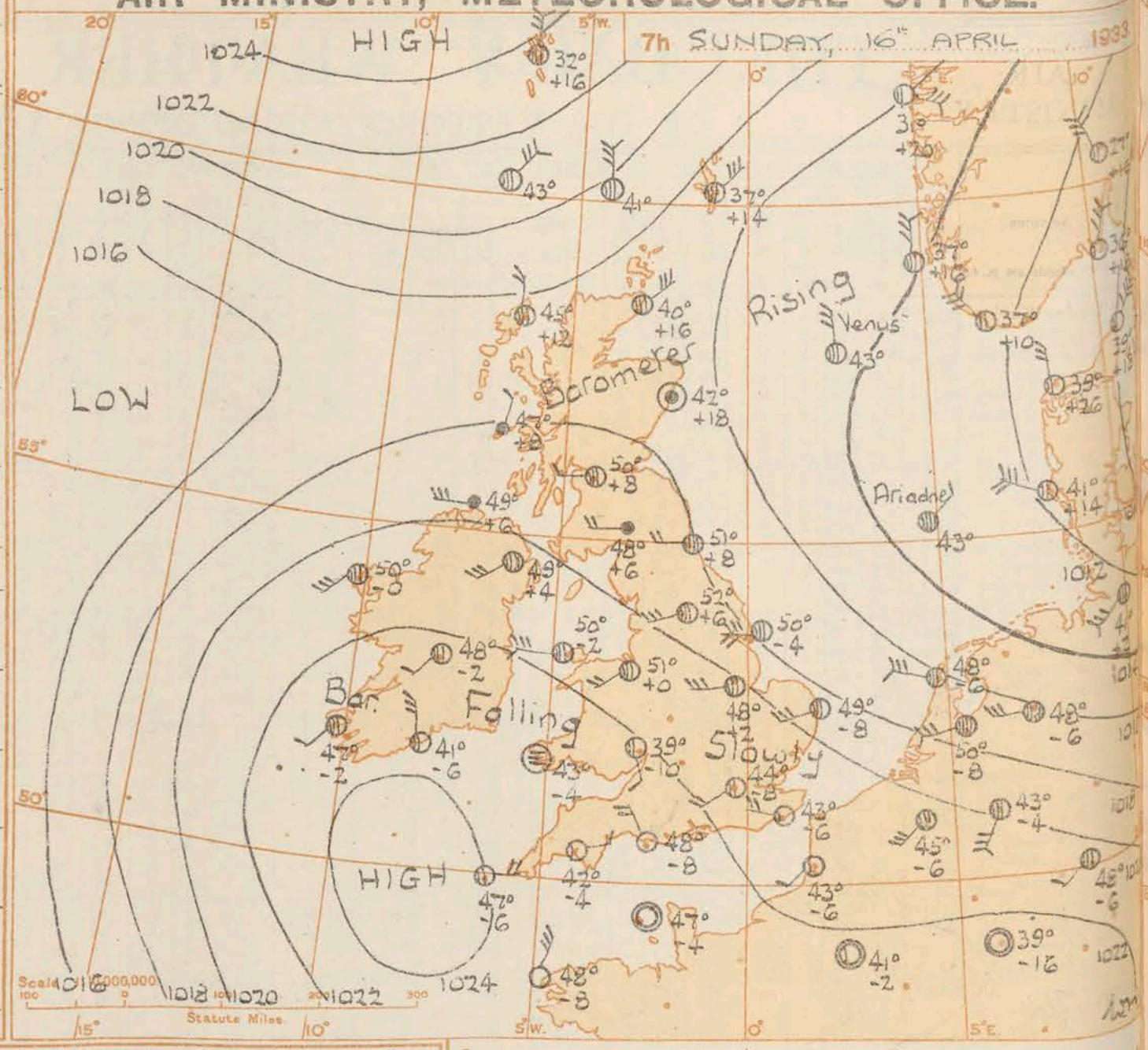
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for Saturday, 15th April 1933.

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.	bcb	bcc	30	62	–	–	8·6	12·9
	Bournemouth	b	b	31	61	–	–	11·0	11·8
	Ventnor ...	xbz	bz	44	59	–	–	10·6	12·0
	Southsea ...	b	b	37	60	–	–	9·8	12·1
	Bognor Regis	bbc	cbc	37	55	–	–	7·8	12·9
	Littlehampton	bc	bc	33	52	–	–	7·7	12·5
	Worthing ...	b	bc	36	53	–	–	8·3	12·7
	Brighton ...	b	bbc	35	53	–	–	9·8	12·5
	Eastbourne†	bbc	bbc	37	55	–	–	9·6	12·9
	Hastings† ...	bbcb	bbcc	41	54	–	–	7·6	12·9
	Folkestone ...	bc	bc	37	55	–	–	7·0	11·6
	Dover... ...	bc	bcc	37	55	–	–	7·4	12·2
	Deal	b	bcc	36	59	–	–	6·7	11·7
	Ramsgate ...	bc	c	45	59	–	–	6·1	11·7
	Margate ...	bc	bcc	40	60	–	–	6·2	12·3
2	Southend ...	bc	cbcb	40	60	–	–	4·0	11·8
	Maldon ...	xbbc	cbc	32	61	–	–	4·6	12·1
	Clacton-on-Sea	bcbc	bcbc	40	61	–	–	5·6	11·8
	Dovercourt ...	bcb	bc	39	63	–	–	7·6	11·6
	Lowestoft ...	cbcz	bcc	39	64	–	–	3·2	12·2
	Skegness ...	oc	c	40	58	–	–	2·3	11·1
	Mablethorpe	cbc	bcc	41	59	–	–	1·1	10·3
	Cleethorpes ...	o	oc	40	58	–	–	0·0	9·0
3	Leamington S.	c	c	37	59	–	–	1·4	9·8
4	Cheltenham†	cwbc	bcc	38	60	–	–	4·3	10·8
5	Bath	b	b	32	61	–	–	10·2	11·6
	Weymouth ...	b	b	39	57	–	–	10·3	12·2
	Jersey ...	b	b	43	61	–	–	11·3	13·2
	Torquay ...	bw	b	34	59	–	–	10·8	11·6
	Penzance ...	b	b	39	61	–	–	10·6	11·9
	St. Ives ...	b	b	40	53	–	–	11·2	12·4
	Bude	b	b	31	62	–	–	10·8	10·8
	Ilfracombe ...	b	b	39	53	–	–	10·5	10·7
6	Aberystwyth	bbc	bcc	42	58	–	–	6·4	11·4
7	Llandudno ...	cbc	bc	46	55	–	–	5·2	12·0
	Colwyn Bay...	bcbc	bcc	46	61	–	–	4·9	12·0
	Rhyl	bcc	cbc	46	61	–	–	4·5	12·1
8	Wallasey ...	bcc	bcc	44	60	–	–	4·6	11·1
	Southport‖ ...	oc	cbco	44	56	–	–	2·5	11·6
	Blackpool ...	c	c	46	55	–	–	2·4	11·5
	Morecambe ...	c	cbc	43	51	–	–	0·3	11·4
9	Ilkley... ...	o	o	44	52	–	–	0·0	10·8
10	Berwick-on-T.	oc	o	44	55	–	–	0·1	3·9
11	Dunbar ...	c	c	45	60	–	trace	0·9	4·0
12	Troon... ...	o	odd	46	50	–	1	0·0	7·1
	Douglas ...	cbq	cbc	43	56	–	–	3·7	11·1

† 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. 16th April, 1933.
1. S.E. England 2. E. England .. 3. E. Midlands	Light westerly wind; fair; local morning mist or fog; rather warm day, cool night and morning
4. W. Midlands 5. S.W. England 6. South Wales	Light variable to southwest or west wind; fair; local morning mist or fog; mild.
7. North Wales 8. N.W. England 9. N Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light variable winds; cloudy with occasional rain or drizzle; mild becoming cooler.
13. A. W Scotld. B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Moderate to fresh north to northeast winds; bright intervals and showers; rather cold.
17. N.W Ireland 18. N.E. Ireland	As 7 - 12.
19. S.E. Ireland 20. S.W. Ireland	As 4 - 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 5/10 clouded ◕ Sky 6/10 to 9/10 clouded ● Overcast sky ● Rain falling ✳ Snow ✳ Sleet ≡ Fog ≡ Mist T Thunder ⅄ Thunderstorm.
SEA DISTURBANCE ~~ Rough ≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone centred near the Scilly Isles is decreasing in intensity while another over Eastern Iceland is increasing. A col over Scotland will move slowly southwards. Winds will be light and westerly in the South and moderate north to northeast in the North, otherwise light variable. Weather will be fair in the South and unsettled in the North.

FURTHER OUTLOOK.

Mainly fair in most districts but unsettled and rather cold in the Northeast.

Forecasts issued at 1100 G.M.T.

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

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

Morning of
SUNDAY
16TH APRIL
1933.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 16th APRIL 1933.

No. 26078

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

District.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1023.0	-10	SW'W	3	b	46	75	7	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8														
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1023.4	-8	W	2	b	41	95	6	-	-	-	0	0	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	1020.6	-6	W'S	3	b	49	85	7	-	-	-	0	0	-
	Cranwell ...	240														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1024.2	-10	W	3	b	45	85	8	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	1025.0	-10	-	0	b	45	65	8	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1026.3	-8	-	0	b	45	95	7	-	-	-	0	0	-
	Guernsey ...	175	1024.7	-12	-	0	b	47	95	7	-	-	-	0	0	-
6	Pembroke ...	142	1024.4	-4	W	2	bc	47	95	7	5	-	-	2-3	2-3	4000
7	Holyhead ...	26	1022.1	-10	W'N	4	c	51	85	7	5	-	-	3	3	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1018.9	-6	WNW	4	3c	49	85	6	5	2	-	2-3	4-6	800
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	1017.1	-14	W	4	bc	54	85	7	2	-	-	4-6	4-6	2500
11	Inchkeith ...	190	1017.0	0	SW	4	c	49	95	8	5	-	-	10	10	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts'l)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	-	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1015.0	+2	W	1	c	45	95	8	8	7	-	4-6	9	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1017.1	-2	E	2	c	41	95	8	5	2	-	7-8	10	1500
16	Lerwick ...	54	1016.5	+4	WNW	1	bc	38	85	8	5	-	-	4-6	4-6	1500
17	Blacksod Point	18	1021.7	-4	W'S	3	c	51	95	6	-	2	-	0	10	-
18	Malin Head ...	52	1019.7	-6	W'S	3	c	50	95	7	5	2	-	9	10	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1024.2	-14	-	0	u	49	95	7	4	-	-	10	10	1500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1021.8	-6	W	2	bc	44	95	5	-	-	1	0	2-3	-	0	*
1021.8	-8	WSW	2	bc	44	95	6	-	4	8	0	2-3	-	0	*
1022.4	-6	W'N	1	f	39	95	2	5	-	-	10	10	<150	0	*
1022.4	-4	WNW	2	o	43	95	4	5	-	-	10	10	450	0	*
1022.7	-6	NW'W	2	cf	41	95	2	5	-	-	9+	9+	<150	0	*
1022.7	-6	WSW	2	m	43	95	5	5	-	-	10	10	<150	0	0
*	*	W	2	bc	*	*	6	4	-	*	4-6	4-6	800	*	0
1021.8	-6	NW'N	2	3o	43	85	6	-	4	-	0	Tr	-	0	*
1021.1	-10	W	3	bc	47	85	6	-	7	1	0	4-6	-	0	*
1020.7	-6	WNW	2	3o	46	85	6	-	5	8	0	4-6	-	0	0
1018.7	-8	W'N	3	c	49	85	6	4	-	-	9	9	4000	0	2
1020.3	+2	W	3	c	48	85	7	-	8	6	0	7-8	-	0	*
1021.8	-4	WNW	3	c	47	85	6	-	7	2	0	7-8	-	0	*
1022.1	0	SW	2	c	43	95	6	-	7	8	0	7-8	-	0	*
1022.5	-10	SSE	1	bc fg	39	95	7	5	-	8	1	4-6	4000	0	*
1022.8	-8	NNW	2	b	48	85	8	-	-	-	0	0	-	0	2
1023.6	-4	E	1	b	42	95	7	-	-	1	0	Tr	-	0	1
1023.4	0	ENE	2	bc	46	95	8	7	-	-	2-3	2-3	2500	0	1
1024.0	-6	ENE	2	bc	47	95	7	2	-	-	2-3	2-3	4000	0	1
1023.5	-4	-	0	b fg	47	95	6	-	-	8	0	1	-	0	1
1022.8	-4	-	0	F	43	95	1	5	-	-	10	10	<150	0	1
1021.7	-2	W'N	4	c	50	75	8	5	-	-	9+	9+	4000	0	1
1021.7	0	W'S	2	c	51	75	8	5	7	2	2-3	9	2500	0	*
1021.1	0	WSW	4	c	49	85	8	5	1	-	7-8	9+	2500	0	*
1018.7	0	WSW	3	c	50	85	8	-	2	9	0	9+	-	0	*
1018.3	-4	WNW	5	c	50	85	7	5	7	-	4-6	9	2500	0	3
1018.3	+6	W	3	c	52	75	8	5	7	-	4-6	9	2500	0	*
1017.8	+8	W	4	o	51	85	7	6	-	-	10	10	1500	0	2
1018.6	+12	NE	1	rF	44	95	1	5	-	-	10	10	220	1	1
1018.6	+18	E	2	5r	45	95	7	6	2	-	9+	10	220	1	*
1018.5	+8	W'N	1	c/r	50	95	7	5	2	-	9	10	450	1	*
1018.9	+6	W	2	dd	48	95	6	5	-	-	10	10	800	1	*
1018.9	+8	NNE	1	1r	47	95	6	5	-	-	10	10	<150	1	2
1016.8	+12	N	2	c	45	95	7	8	7	-	4-6	9	1500	1	1
.	+18	-	0	c	46	95	8	4	2	-	7-8	7-8	1500	1	*
1018.9	+18	-	0	id	42	95	6	6	-	-	10	10	450	1	1
1018.9	+16	NE	3	c	40	95	7	6	2	-	4-6	10	1500	1	2
1018.3	+14	ENE	3	c/pr	37	85	8	5	7	-	4-6	9+	1500	0	*
1021.6	0	SW	3	c	50	95	6	2	7	-	2-3	9+	-	0	2
1020.1	+6	W	3	dd	49	95	5	5	-	-	10	10	-	1	1
1021.0	+4	WSW	3	o	49	95	7	5	-	-	10	10	800	0	*
1022.0	+4	NW	2	c	50	85	8	5	-	-	9	9	1500	0	0
1022.6	-2	SW	1	c	48	95	8	5	-	-	9+	9+	2500	0	*
1023.2	-2	SW'S	1	c	47	85	8	5	-	-	9+	9+	2500	2	2
1023.7	-6	N	3	bc	41	95	8	5	-	-	2-3	2-3	2500	0	2

PAST 24 HOURS.

Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 15th Hrs. (36)
61	40	30	-	-	8.4
62	41	35	-	-	6.4
64	35	22	-	-	7.5
63	35	26	-	-	8.5
62	38	30	-	-	10.2
58	36	28	-	-	10.0
59	32	*	-	-	*
57	39	32	-	-	7.5
61	40	36	-	-	5.1
61	43	40	-	-	5.5
61	47	45	-	-	2.7
59	44	42	-	-	1.9
57	44	41	-	-	1.5
60	37	28	-	-	*
63	37	28	-	-	5.7
52	40	*	-	-	*
54	40	38	-	-	12.3
55	43	*	-	-	*
56	42	*	-	-	12.0
56	44	34	-	-	15.0
53	42	*	-	-	11.0
54	48	47	-	-	5.9
60	45	36	-	-	2.8
58	48	47	-	-	4.0
51	48	45	-	-	0.0
55	48	*	-	-	0.2
53	49	45	-	-	0.0
59	41	41	3	8	0.4
51	39	*	0.2	3	*
47	35	*	-	Tr	5.2
55	49	*	-	-	*
52	48	*	Tr	0.1	0.0
61	48	46	-	-	0.6
58	47	35	-	-	2.2
56	46	43	-	-	0.7
54	41	*	-	Tr	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations, except Greenwich & Hampstead rainfall, 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	bcm0	cybc	bcy3ow	61	40	30	-	-	8.2	*	*	6
Croydon	217	c3ocy	cy	bbcm0	62	41	35	-	-	6.4	*	*	5
Greenwich (Royal Observatory) ...	149	cy1	cy	bm	65	40	29	-	-	3.8	46	74	4
City (Bunhill Row)	—				*	*	*	*	*	5.9	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	62	41	33	-	-	6.4	36	68	*
‡Regents Pk. (Botanic Gardens) ...	168	*	*	*	62	41	30	-	-	5.6	45	68	*
Camden Square	110	bcc	cbc	*	63	42	36	-	-	*	*	67	*
Kensington	30	bc	bc	*	63	41	34	-	-	6.9	At 18h. 41	69	*
Hampstead Observatory	450	bcm	bc	*	61	39	31	-	-	5.8	*	71	*

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 15th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 16th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1025.5	-	0	bc	53	1023.4	-	0	b	41
Brussels	1024.3	W	1	c	54	1020.7	SW	3	c	45
Berlin	1018.0	W'S	2	c/r	48	1011.0	WNW	4	5r0	!
Zürich	1021.8	WNW	1	c	61	1022.8	WNW	1	b	43
Rome						1023.1	NNE	1	m	52

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.6	19h 15th	<0.3	1-6h 16th

Kew Observatory. Max.	Time.	Min.	Time.
0.4	22h 15th	0.1	2h 6th

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
66	34	-	-
59	39	-	-
48	46	Tr	0.4
66	39	-	-
	45		

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

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

0	Dense fog	55 yards.	
1	Thick fog	220	,,
2	Fog	550	,,
3	Moderate fog	1,100	,,
4	Mist or haze	1¼	miles.
5	Poor visibility	2⅛	,,
6	Moderate ,,	6¼	,,
7	Good ,,	12¼	,,
8	Very good ,,	31	,,
9	Excellent ,,	beyond 31m.	

COLUMN 30.—Code for State of Sea.

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

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

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

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

Official Copy

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 17th APRIL 1933.

No. 26079

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	1020·9	-6	NW	2	c	62	55	8	4	-	4	4-6	7-8	2500
	Croydon	1020·7	-10	W'N	2	c	61	55	7	7	3	-	7-8	9	4000
	S. Farnborough	1020·8	-12	NW	2	bc	63	55	8	7	8	3	4-6	4-6	4000
	Winchester	1021·0	-10	NW	1	c	61	65	9	7	8	5	4-6	7-8	4000
	Boscombe Down	1021·3	-10	NNW	2	c	60	55	7	1	-	9	4-6	7-8	4000
	Calshot, S'thmtn	1021·3	-10	SSW	3	bc	60	65	7	7	-	-	4-6	4-6	4000
	Dungeness	*	*	SW	3	c	*	*	6	5	-	*	9	9	1500
	Lympne	1020·9	-6	SW'S	3	bc	58	65	8	7	-	1	4-6	4-6	4000
2	Shoeburyness	1020·6	-2	NW	2	bc	64	55	8	7	-	8	4-6	4-6	4000
	Felixstowe	1020·0	-2	WNW	1	c	64	45	8	7	3	1	4-6	7-8	4000
	Gorleston	1019·3	+4	NNW	4	c	59	85	6	7	3	-	4-6	7-8	2500
	Cranwell	1020·4	-2	NW	3	c	59	65	7	7	-	-	9	9	4000
3	Birmingham	1021·4	0	NNW	3	c	56	65	8	7	7	-	7-8	7-8	4000
4	Upper Heyford	1021·2	-6	NNW	3	c	59	55	8	7	-	9	4-6	7-8	4000
	Ross-on-Wye	1021·3	+4	NNW	3	bc	61	55	8	4	-	2	4-6	4-6	4000
5	Portland Bill	1021·9	-6	WNW	2	b	53	85	8	-	-	-	0	0	-
	Plymouth	1022·6	-6	S'W	3	b	53	75	7	-	-	1	0	Tr.	-
	The Lizard	1022·7	-2	E'N	2	bc	56	75	8	1	-	-	2-3	2-3	4000
	Scilly (St. Mary's)	1022·9	-4	E	2	b	57	85	7	5	-	2	1	1	4000
	Guernsey	1022·2	-10	-	0	b	55	75	7	-	-	-	0	0	-
6	Pembroke	1022·5	-6	SSW	1	F	47	95	1	5	-	-	10	10	150
7	Holyhead	1022·2	+2	WNW	3	c	52	75	8	2	6	-	1	9+	2500
	Chester (Sealand)	1021·9	+2	NW	3	c	56	75	9	7	3	8	4-6	9	2500
8	L'pool (Bidston)	1021·9	0	W	4	c	52	85	8	1	-	6	2-3	7-8	4000
9	Harrogate	1020·5	+6	N	2	c	56	75	7	6	2	-	9	9+	4000
10	Spurn Head	1020·2	+6	N	3	c	52	85	7	5	2	-	4-6	9+	2500
	Catterick	1020·5	+16	NNE	1	c/d	52	85	5	5	-	-	9+	9+	800
	Tynemouth	1020·5	+12	NE	2	o	47	95	7	6	-	-	10	10	1500
11	Inchkeith	1020·9	+16	NE	1	c	48	95	8	8	7	-	4-6	9	2500
12	Leuchars	1020·3	+4	ESE	1	c	56	65	8	7	-	6	2-3	7-8	1500
	Renfrew (Abbotsl)	1020·3	+10	ENE	2	c/d	53	85	6	8	2	-	9+	10	1500
	Eskdalemuir	1020·7	+12	NE	2	dd	49	95	6	5	-	-	10	10	800
13a	Tiree	1021·0	+10	NE	3	c	51	85	9	5	3	2	Tr.	7-8	4000
13b	Stornoway	1020·8	+18	NE	4	c	46	75	8	8	9	-	2-3	7-8	1500
15	Dalwhinnie	1020·3	+10	-	0	bc	53	45	8	4	-	-	4-6	4-6	4000
	Aberdeen	1021·8	+14	NE	2	c/d	43	95	6	6	-	-	9+	9+	800
16	Wick	1022·1	+14	NW	3	bc	46	65	8	7	3	1	4-6	4-6	2500
	Lerwick	1022·1	+20	NNE	3	c	39	75	8	5	7	-	4-6	9	1500
17	Blacksod Point	1021·7	+2	W	3	bc	54	85	8	2	5	-	1	4-6	450
18	Malin Head	1020·6	+6	W	3	c	52	95	7	5	1	-	9	10	450
	Aldergrove	1022·1	+6	WSW	2	c	53	85	8	5	-	-	10	10	2500
	Donaghadee	1021·5	+2	W	2	c	56	75	8	5	-	-	9	9	1500
19	Birr Castle	1022·4	-4	SW	1	c	58	55	8	7	-	8	7-8	9	2500
20	Valentia Obsy.	1021·8	-10	S	2	b	58	65	8	-	3	1	0	Tr.	-
	Roches Point	1022·9	-2	SE	3	bc	53	75	9	5	-	9	2-3	4-6	2500

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
London (Kew)	1020·1	-6	N'E	3	c	60	55	6	4	-	6	2-3	7-8	4000	0	*
Croydon	1019·8	0	N'W	3	c	61	45	7	1	3	6	2-3	7-8	5700	0	*
S. Farnborough	1019·8	-4	N'W	2	bc	61	55	7	7	-	2	1	4-6	5700	0	*
Winchester	1019·9	-4	N'E	3	bc	60	55	8	4	-	1	Tr.	2-3	4000	0	*
Boscombe Down	1019·8	-4	N	3	bc	60	55	7	1	4	1	Tr.	2-3	4000	0	*
Calshot, S'thmtn	1019·7	-2	SW'S	3	bc	57	65	7	7	-	9	2-3	2-3	5700	0	1
Dungeness	*	*	SW	1	c	*	*	7	2	4	*	4-6	7-8	1500	*	1
Lympne	1020·4	+2	SSW	2	bc	56	75	7	7	7	1	2-3	4-6	5700	0	*
Shoeburyness	1020·2	+2	ENE	2	bc	54	95	7	5	-	-	4-6	4-6	5700	0	*
Felixstowe	1020·2	0	E'S	2	c	51	85	7	5	7	1	4-6	7-8	5700	0	1
Gorleston	1020·1	+3	N'E	4	c	50	85	6	-	3	-	0	7-8	-	0	2
Cranwell	1020·7	+6	NE'E	3	c	55	75	7	8	-	-	9+	9+	4000	0	*
Birmingham	1020·7	-4	NNW	3	bc	56	65	8	5	-	-	4-6	4-6	4000	0	*
Upper Heyford	1020·7	+2	N'E	2	bc	56	65	7	-	3	9	0	4-6	-	0	*
Ross-on-Wye	1020·4	-10	NE	3	bc	59	55	8	5	-	6	2-3	4-6	4000	0	*
Portland Bill	1020·4	-8	WNW	1	b	50	95	8	-	-	-	0	0	-	0	2
Plymouth	1020·4	-8	SSW	1	b	52	85	8	-	-	1	0	Tr.	-	0	2
The Lizard	1020·4	-6	-	0	bc	55	75	8	1	-	-	2-3	2-3	5700	0	1
Scilly (St. Mary's)	1021·0	-6	NE	3	b	51	95	7	7	-	-	1	1	4000	0	2
Guernsey	1020·3	-8	NNE	1	bc	52	85	7	-	3	-	0	2-3	-	0	1
Pembroke	1020·2	-10	NNW	2	bc	53	65	6	5	-	-	2-3	2-3	4000	0	1
Holyhead	1021·6	0	NW'W	1	bc	53	75	8	5	6	8	2-3	4-6	4000	0	0
Chester (Sealand)	1021·9	0	NW	3	bc	52	85	8	5	4	1	1	2-3	4000	0	*
L'pool (Bidston)	1021·8	-4	WNW	2	bc	51	85	8	1	5	9	2-3	4-6	4000	0	*
Harrogate	1022·8	0	E	1	c	51	85	8	6	2	-	9	10	2500	0	*
Spurn Head	1021·3	+4	NE'E	3	c	46	95	6	5	7	-	4-6	9+	1500	0	2
Catterick	1022·1	+10	NNW	1	ir.	46	95	5	5	-	-	10	10	800	1	*
Tynemouth	1022·2	+8	SE	2	o	46	95	7	6	-	-	10	10	1500	1	1
Inchkeith	1022·3	+6	NE	4	c	47	85	8	8	6	6	4-6	7-8	2500	0	2
Leuchars	1023·4	+18	ENE	3	ir.	44	95	6	6	-	-	10	10	450	1	*
Renfrew (Abbotsl)	1020·7	+6	SSW	1	3o	55	75	5	8	3	-	7-8	9+	5700	1	*
Eskdalemuir	1021·7	+6	NE	2	c	49	85	6	5	2	-	7-8	10	800	1	*
Tiree	1021·6	+4	NNE	3	c	49	85	9	4	3	8	Tr.	9+	4000	0	2
Stornoway	1022·3	+4	NE	3	c	43	85	9	8	6	-	2-3	9	2500	1	1
Dalwhinnie	1022·2	+8	NE	3	bc	48	75	8	4	2	0	4-6	4-6	2500	0	*
Aberdeen	1024·2	+14	NNE	3	c	43	75	7	6	7	-	4-6	7-8	1500	1	1
Wick	1025·1	+12	NE	4	bc	46	55	8	8	7	1	4-6	4-6	2500	1	3
Lerwick	1024·2	+16	NE	3	bc	38	75	8	8	1	1	4-6	4-6	1500	0	*
Blacksod Point	1021·2	-2	-	0	bc	54	85	8	-	5	-	0	4-6	-	0	1
Malin Head	1021·0	+2	WN	2	c	51	95	6	5	2	-	9	10	450	0	1
Aldergrove	1021·8	0	NNW	2	c	56	75	8	8	-	-	9+	9+	2500	0	*
Donaghadee	1021·5	0	SSE	1	c	50	95	8	5	-	-	9	9	1500	0	0
Birr Castle	1020·2	-6	SE	1	c	63	55	8	7	-	-	7-8	7-8	2500	0	*
Valentia Obsy.	1020·5	-2	S	2	b	56	65	7	-	-	-	0	0	-	*	2
Roches Point	1021·2	-8	SE	2	bc	53	65	9	5	-	-	2-3	2-3	2500	0	2

PAST 24 HOURS. WEATHER.

Stations	7h.–13h. 16th (37)	13h.–18h. 16th (38)	18h. 16th to 1h. 17th (39)	1h.–7h. 17th (40)
London (Kew)	bcc	bc3oy	bzo byb zo bc	bcc
Croydon	cmo b-c	cy	c	o
S. Farnborough	fbc	bcy	bcyc	c
Winchester	ofbmo bc	beby	bybcc	co
Boscombe Down	cfbmo bc	bcy	bcyo	o
Calshot, S'thmtn	ombmo	bcy	bcc	emo
Dungeness	bc	bc	*	o
Lympne	bbc	bc	cbof	ofo
Shoeburyness	bc	bc	bc	c
Felixstowe	bccv	cybc	bc	c
Gorleston	cbccq	cbcq	cbcq	bccq
Cranwell	bcc	c	cbcpro	c
Birmingham	cbcc	cbc	bc	bcopro
Upper Heyford	bccv	bccy	bcb	bccmo
Ross-on-Wye	cbc	bcy	bccb	bwco
Portland Bill	bbb	b	bbc	bbc o3o
Plymouth	b	b	b	bbccw
The Lizard	bc	bc	bc	bcw
Scilly (St. Mary's)	bcb	b	b	bbcw
Guernsey	b	bbc	bcbw	bwbc
Pembroke	cFmo Fc	cFbcb	b	bbcc
Holyhead	c	c	bcbw bc	cbmo
Chester (Sealand)	ibcv	cvbc	b,c	co
L'pool (Bidston)	idbcc	bcbc	bcbbc	bcc
Harrogate	c	c	cro	cro
Spurn Head	bc	bc	cpro	bc
Catterick	bccidc	cidcom	oirom	emoiro
Tynemouth	orro o	oiro o	oido	obc
Inchkeith	Fir	c	c	cirro
Leuchars	cbcc	cdorr	crrrc	c
Renfrew (Abbotsl)	vcid	cbcc3o	czocdo	emo
Eskdalemuir	corro	cddc	c	c
Tiree	cirocbc	bcc	c	c
Stornoway	cido	c	cbcc	c
Dalwhinnie	bc	bc	*	c
Aberdeen	oirid	circ	cirro	cpro
Wick	cbc	bcpro	cbcw	bc
Lerwick	cpro so	c	cbcps	bccps
Blacksod Point	cbc	bc	bc	hc
Malin Head	ycido	cro	c	cj
Aldergrove	odododc	cpro	c	como
Donaghadee	c	c	c	cofjd
Birr Castle	cy	cy	cb	bbcw
Valentia Obsy.	cwbcb	b	bw	bwbcc
Roches Point	bcv	bcv	bcvbw	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/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.

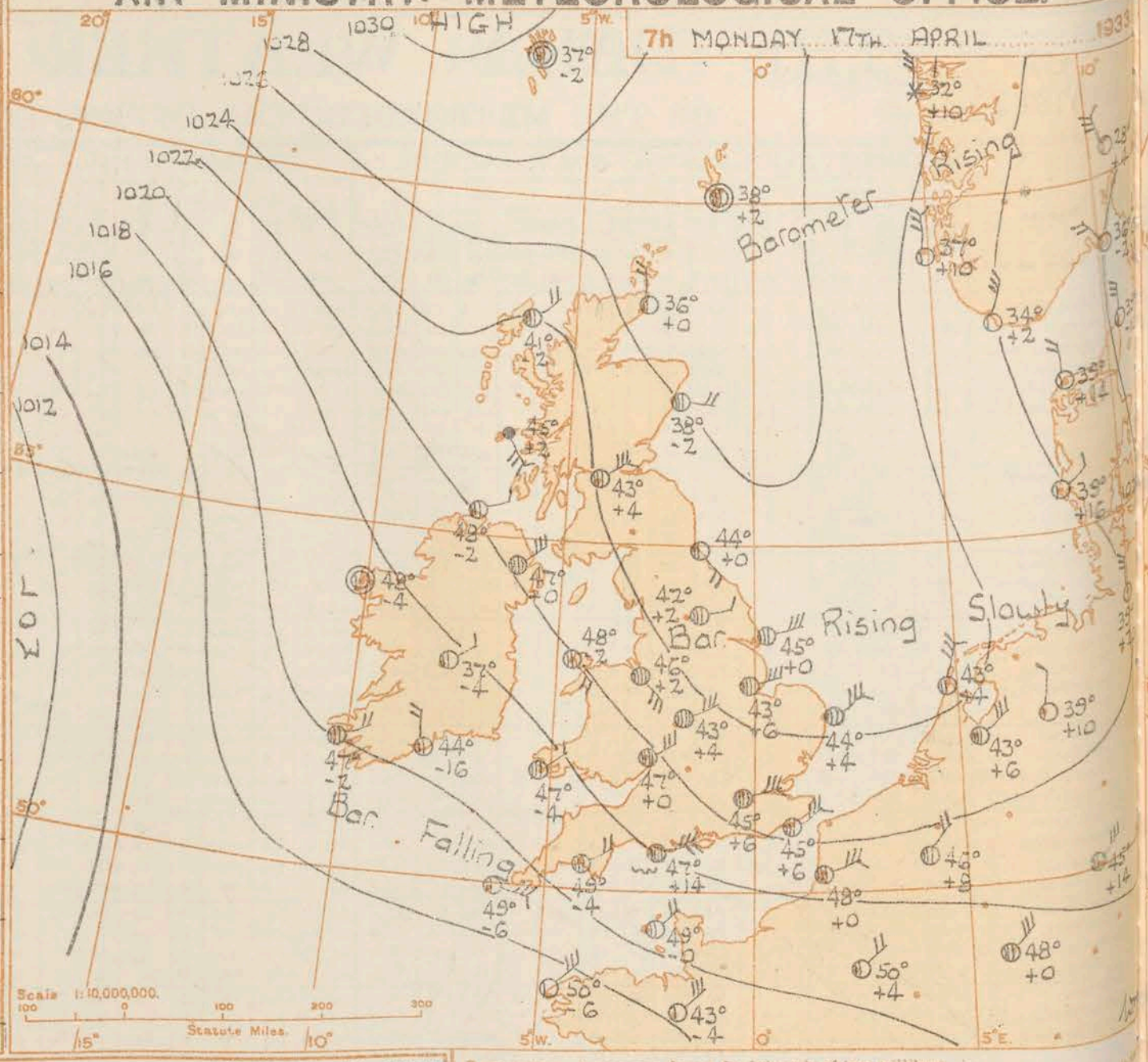
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 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 Sunday, 16th April 1933.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 15th to 9h. 16th	Temperature. Max. 9h.—17h. 16th	Rainfall. Night. 17h. 15th to 9h. 16th	Rainfall. Day. 9h.—17h. 16th	Sunshine. Sunrise to 17h. 16th	Sunshine. Sunrise to Sunset. 15th
1	Tunbridge W.	bbc	bcc	32	63	-	-	7·1	8·7
	Bournemouth	b	b	40	66	-	-	11·0	12·4
	Ventnor ...	bf3o	b3	42	61	-	-	11·1	11·3
	Southsea ...	b	b	40	65	-	-	7·6	10·1
	Bognor Regis	bbc	bcb	38	59	-	-	8·8	7·8
	Littlehampton	bc	bc	35	56	-	-	9·4	8·1
	Worthing ...	bbcb	bc	39	58	-	-	9·4	8·3
	Brighton ...	bc	b	39	55	-	-	8·5	9·8
	Eastbourne†	bbccbc	bcc	42	60	-	-	8·5	9·6
	Hastings† ...	bbc	bcc	42	59	-	-	7·5	7·6
	Folkestone ...	bc	bc	42	61	-	-	8·3	7·0
	Dover... ...	bc	bcc	38	58	-	-	5·8	7·4
	Deal	b	cbcc	43	62	-	-	6·5	6·7
	Ramsgate ...	c	bc	40	64	-	-	8·1	5·7
	Margate ...	bc	bcc	44	62	-	-	8·5	6·2
2	Southend ...	bbc	bcc	42	66	?	-	7·2	4·2
	Maldon ...	b	bbcc	36	64	-	-	8·9	5·7
	Clacton-on-Sea	bc	bcc	42	66	-	-	5·8	6·8
	Dovercourt ...	bc	bc	43	65	-	-	6·6	8·2
	Lowestoft ...	cbcc	bc	45	63	-	-	4·8	3·2
	Skegness ...	bco	obco	45	61	-	-	5·2	2·3
	Mablethorpe	cbcc	c	47	59	-	-	1·0	1·1
	Cleethorpes...	bc	co	48	57	-	-	0·1	0·0
3	Leamington S.	oc	cbc	41	60	-	-	3·7	1·4
4	Cheltenham†	bcwqc	cbcqc	38	62	-	-	7·1	4·3
5	Bath	b	bc	42	65	-	-	10·2	11·9
	Weymouth ...	b	by	36	58	-	-	11·4	11·7
	Jersey ...	b	bc	40	60	-	-	11·6	13·2
	Torquay ...	wb	b	37	58	-	-	11·0	12·2
	Penzance ...	b	b	39	58	-	-	10·3	12·4
	St. Ives ...	b	b	43	54	-	-	10·9	13·4
	Bude	b	b	36	53	-	-	10·6	11·9
	Ilfracombe ...	bcb	b	42	54	-	-	9·1	12·0
6	Aberystwyth	bcc	cbc	43	55	-	-	5·0	6·5
7	Llandudno ...	c	cbc	49	55	-	-	2·0	5·6
	Colwyn Bay...	co	ocbcc	50	55	-	-	1·0	5·4
	Rhyl	c	cbc	49	54	-	-	1·3	4·6
8	Wallasey ...								
	Southport‖ ...	ocbc	bcbbc	48	56	-	-	6·5	2·5
	Blackpool ...	c	c	48	56	-	-	3·2	2·4
	Morecambe ...	cbbc	b	46	57	-	-	7·5	0·3
9	Ilkley... ...	bcc	cdc	47	63	-	Trace	1·0	0·0
10	Berwick-on-T.	o	ocbc	43	50	2	-	2·6	0·1
11	Dunbar ...	rbc	bc	43	55	4	-	2·9	0·9
12	Troon... ...	roor	fcodc	46	50	Trace	0·3	0·1	0·0
	Douglas ...	cbc	ccb	48	58	Trace	-	3·4	3·7

† 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. 17th April, 1933.
1. S.E. England 2. E. England... 3. E. Midlands	Moderate easterly wind; cloudy or dull, occasional slight rain or drizzle near coast; rather cool.
4. W. Midlands	Light or moderate easterly wind; mainly cloudy, but some brighter intervals; cooler than of late.
5. S.W. England 6. South Wales	Moderate or fresh east to southeast wind; mainly cloudy, but brighter intervals; moderate temperature.
7. North Wales	As 4.
8. N.W. England 9. N Midlands	Light or moderate east to southeast wind; variable cloud; moderate temperature.
10. N.E. England 11. S.E. Scotland	Light or moderate southeast wind; cloudy or dull, occasional slight rain or drizzle; rather cool.
12. S.W. Scotland & Isle of Man	As 8 - 9.
13. A. W Scotld. B. N.W. Scotland.	As 15 - 16.
14. Mid-Scotland	As 10 - 11.
15. N.E. Scotland 16. Orkneys and Shetlands.	Northeasterly or variable wind, light or moderate; mainly cloudy, occasional showers of rain or sleet; cool.
17. N.W. Ireland	As 8 - 9.
18. N.E. Ireland 19. S.E. Ireland	Moderate east to southeast wind; cloudy; occasional slight drizzle near coast; moderate temperature.
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 5/10 clouded. ◕ Sky 5/10 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✱ Snow ✱ Sleet
≡ Fog ≡ Mist. T Thunder. ⧖ Thunderstorm.
SEA DISTURBANCE. ~~ Rough ≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A large anticyclone extends from Iceland over the North Sea while a deep depression is centred some 800 miles west of Ireland. Winds will be mainly east or southeast. Weather will be cloudy or dull in eastern districts with occasional local rain or drizzle, but brighter intervals are probable in the West.

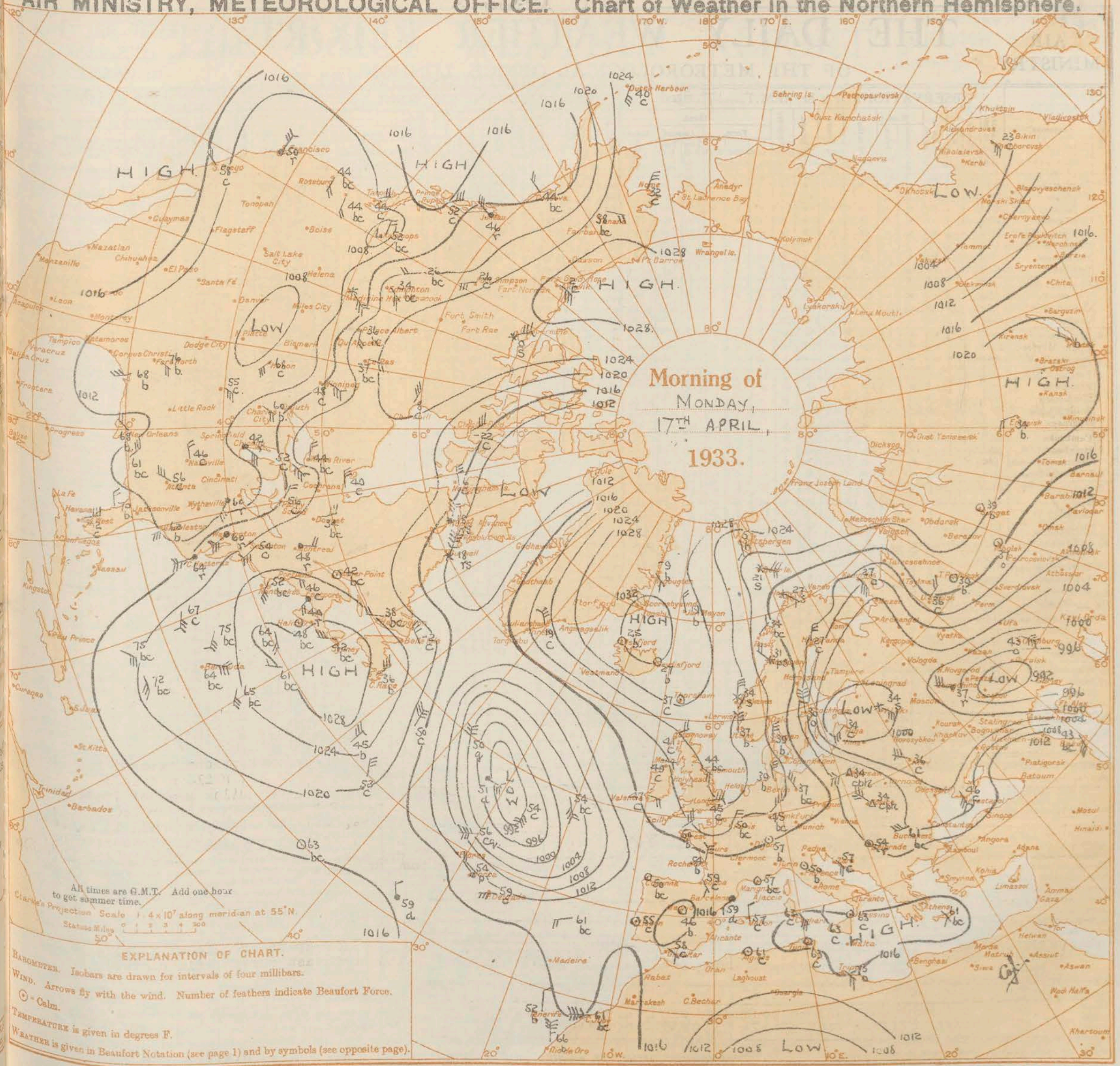
FURTHER OUTLOOK.

Fair apart from local showers in east and northeast coastal districts.

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

Forecasts issued at 1010 G.M.T.

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

Official Copy

Page 4.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 17th April 1933.

No. 26079

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

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	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croyden ...	217	1021·2	+6	ENE	4	0	48	95	7	5	-	-	10	10	800
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8														
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	348	1021·7	+4	NNE	4	f	46	95	2	5	-	-	10	10	4150
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	1023·5	+8	NE'E	4	bc	44	85	7	4	-	-	4-6	4-6	2500
	Cranwell ...	240														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1019·3	-4	ENE	3	bc	51	85	7	4	-	-	2-3	2-3	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	1018·6	-6	NE	2	bc	49	85	8	7	-	-	2-3	2-3	2500
	Scilly (St. Mary's)	163	1019·3	-8	NE'E	3	b	48	95	7	5	-	-	1	1	4000
	Guernsey ...	175	1018·7	-4	-	0	b	48	95	8	-	-	-	0	0	-
6	Pembroke ...	142	1019·1	-2	NE	2	b	46	85	7	5	-	-	1	1	4000
7	Holyhead ...	26	1021·8	0	-	0	c	46	95	7	5	-	-	7-8	7-8	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1024·5	+4	E	3	c	44	85	7	5	3	-	4-6	7-8	4000
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	1024·7	+4	E	2	o/d.	43	95	8	6	-	-	10	10	1500
11	Inchkeith ...	190	1025·0	+10	E	2	c	42	95	8	5	2	-	4-6	9+	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1022·6	0	SE	4	c	41	95	8	6	7	-	4-6	7-8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1026·4	+6	NW	2	bc	36	85	8	5	-	-	2-3	2-3	2500
16	Lerwick ...	54	1026·2	+7	NW	2	bc/o9	34	85	7	8	-	-	4-6	4-6	1500
17	Blacksod Point	18	1019·8	-6	E	4	bc	49	95	8	2	-	-	2-3	2-3	1500
18	Malin Head ...	52	1021·3	-2	-	0	f	48	95	2	.	.	.	10	10	4150
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1019·8	-10	SE	1	b	46	85	9	-	-	-	0	0	-
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)...	1022·8	+4	E'N	4	c	46	85	7	5	-	-	10	10	2500	0	*
	Croyden ...	1022·4	+6	E	4	o	45	85	7	5	-	-	10	10	1500	0	*
	S. Farnborough	1022·2	+6	E'N	3	c	46	85	7	6	-	-	10	10	1500	0	*
	Winchester ...	1021·6	+8	E	3	o	47	95	7	5	-	-	10	10	800	0	*
	Boscombe Down	1021·1	+8	E'S	4	c	46	95	5	5	-	-	10	10	220	0	*
	Calshot, (S'thmtn)	1021·0	+8	ENE	4	c	48	85	6	5	-	-	10	10	1500	0	2
	Dungeness ...	*	*	E'N	3	c	*	*	7	6	-	*	9	9	1500	*	3
	Lympne ...	1022·8	+6	ENE	4	c	45	85	7	5	-	-	9+	9+	800	0	*
2	Shoeburyness	1023·4	+6	ENE	4	c	46	75	8	5	-	-	9+	9+	2500	0	*
	Felixstowe ...	1024·0	+8	ENE	4	c	45	85	8	5	-	-	9	9	1500	0	2
	Gorleston ...	1023·9	+4	NE'E	4	c	44	75	7	4	-	-	7-8	7-8	2500	0	3
	Cranwell ...	1024·5	+6	E	3	c	43	85	8	5	-	-	10	10	1500	0	*
3	Birmingham ...	1023·4	+4	E	3	o	43	95	6	6	-	-	10	10	800	0	*
	Upper Heyford	1023·0	+6	E	3	o	44	95	6	5	-	-	10	10	800	0	*
4	Ross-on-Wye ...	1021·7	0	ENE	3	o	47	85	6	5	-	-	10	10	4000	0	*
5	Portland Bill...	1019·8	+14	E	5	o	47	95	6	5	-	-	10	10	1500	0	4
	Plymouth ...	1018·7	-4	E'N	2	c	49	85	7	-	-	2	0	7-8	-	0	0
	The Lizard ...	1017·5	0	ENE	3	bc	50	95	8	7	9	-	2-3	2-3	4000	0	2
	Scilly (St. Mary's)	1017·3	-1	E'S	4	bc	49	95	6	5	-	5	1	2-3	4000	0	2
	Guernsey ...	1018·3	0	ENE	2	bc	49	85	6	-	3	-	0	4-6	-	0	2
6	Pembroke ...	1018·9	-4	ENE	1	c	47	85	6	5	7	-	4-6	9+	2500	0	1
7	Holyhead ...	1020·7	-2	SE'E	2	bmc	48	95	5	5	-	1	2-3	2-3	4000	0	0
	Chester (Sealand)	1023·2	+2	SE	3	o	46	75	6	5	-	-	10	10	2500	0	*
8	L'pool (Bidston)	1022·9	0	ENE	2	c	45	85	8	5	1	-	7-8	10	1500	0	*
9	Harrogate ...	1025·0	0	ESE	1	c	41	95	6	6	2	-	3	10	2500	1	*
10	Spurn Head ...	1024·3	0	E'S	3	c	45	75	8	5	2	-	4-6	9+	2500	0	2
	Catterick ...	1025·0	+2	ESE	1	c/r	42	95	8	5	-	-	9+	9+	1500	1	*
	Tynemouth ...	1024·8	0	SE	2	bc	44	85	8	8	-	-	4-6	4-6	2500	0	1
11	Inchkeith ...	1024·9	0	E	2	c	42	95	8	8	7	-	4-6	10	4000	0	2
	Leuchars ...	1024·9	-2	E	2	c	42	85	8	5	-	-	9+	9+	2500	1	*
12	Renfrew (Abbotts I)	1024·1	+4	ENE	4	c	43	85	6	5	2	-	9+	10	1500	1	*
	Eskdalemuir ...	1024·2	0	NE	3	c	41	95	6	5	1	-	9+	10	800	1	*
13A	Tiree	1022·2	+2	SE	4	cR	45	95	6	6	2	-	7-8	10	800	1	3
13B	Stornoway ...	1022·4	-2	ENE	2	c	41	85	8	8	6	-	4-6	7-8	1500	1	1
15	Dalwhinnie ...	1024·8	-2	S	3	c	37	95	7	3	2	-	4-6	10	800	1	*
	Aberdeen ...	1025·7	-2	ESE	2	c/pc	38	95	6	9	-	-	9	9	1500	1	1
	Wick	1026·5	0	N	2	bc	36	85	8	5	6	1	2-3	4-6	2500	0	2
16	Lerwick ...	1026·9	+2	-	c	c	38	75	9	5	2	-	4-6	7-8	1500	0	*
17	Blacksod Point	1019·2	-4	-	0	b	48	95	8	4	-	-	1	1	450	0	1
18	Malin Head ...	1021·3	-2	E	1	c	48	95	6	5	2	-	9	10	220	1	1
	Aldergrove ...	1022·1	0	ENE	3	o	47	95	5	5	-	-	10	10	450	0	*
	Donaghadee ...	1022·0	0	SE	1	o†	47	95	3	5	-	-	10	10	800	1	1
19	Birr Castle ...	1020·0	-4	ENE	1	bc	37	95	8	-	-	9	0	2-3	-	0	*
20	Valentia Obsy.†	1018·1	-2	E	2	c	47	85	9	5	7	4	2-3	9	5700	0	2
	Roches Point...	1018·5	-3·6	N	2	bc	44	95	8	5	-	9	2-3	4-6	2500	0	2

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 16th Em. (36)
1	London (Kew)...	63	46	39	-	-	9·7
	Croyden ...	64	45	42	T	-	8·3
	S. Farnborough	66	46	42	-	-	8·2
	Winchester ...	64	45	40	-	-	9·4
	Boscombe Down	64	45	44	-	-	9·9
	Calshot, (S'thmtn)	63	47	38	-	-	9·3
	Dungeness ...	56	45	*	-	-	*
	Lympne ...	61	43	41	-	-	7·9
2	Shoeburyness	65	44	44	-	-	6·3
	Felixstowe ...	65	41	39	-	-	6·7
	Gorleston ...	62	43	41	-	-	5·3
	Cranwell ...	61	41	40	-	0·1	4·2
3	Birmingham ...	58	42	42	-	0·1	6·5
	Upper Heyford	62	44	41	-	-	*
4	Ross-on-Wye ...	61	44	31	-	-	10·0
5	Portland Bill...	54	46	*	-	-	*
	Plymouth ...	54	43	36	-	-	12·5
	The Lizard ...	59	47	*	-	-	*
	Scilly (St. Mary's)	57	46	*	-	0·1	12·3
	Guernsey ...	58	47	36	-	-	12·9
6	Pembroke ...	54	45	*	-	-	8·3
7	Holyhead ...	53	45	34	-	-	1·8
	Chester (Sealand)	59	42	34	Tr.	-	3·2
8	L'pool (Bidston)	53	45	44	Tr.	-	3·7
9	Harrogate ...	59	41	40	-	1	0·3
10	Spurn Head ...	53	41	*	-	Tr	0·2
	Catterick ...	59	42	41	0·4	1	1·4
	Tynemouth ...	52	43	41	2	Tr	*
11	Inchkeith ...	54	42	40	1	Tr	2·3
	Leuchars ...	51	41	40	0·3	0·1	4·3
12	Renfrew (Abbotts I)	51	43	42	0·2	0·1	2·8
	Eskdalemuir ...	53	40	40	1	--	0·0
13A	Tiree	52	44	38	0·1	0·2	8·1
13B	Stornoway ...	49	39	*	0·1	-	6·3
15	Dalwhinnie ...	54	37	35	-	Tr	2·9
	Aberdeen ...	44	34	32	1	0·2	0·0
	Wick	47	33	*	0·1	-	*
16	Lerwick ...	41	33	*	Tr	Tr	3·5
17	Blacksod Point	55	43	*	-	-	*
18	Malin Head ...	53	46	*	Tr	Tr	0·1
	Aldergrove ...	51	46	45	0·2	--	0·0
	Donaghadee ...	57	46	*	-	0·3	*
19	Birr Castle ...	63	56	25	-	-	8·3
20	Valentia Obsy.†	59	42	38	-	Tr	11·1
	Roches Point...	55	42	*	-	Tr	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations, except Greenwich & Hampstead rainfall, 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.	Attitude 9h.
Kew	18	bcc	bc3oy	b3oybcc	63	49	39	-	-	9.7	*	*	6
Croydon	217	cmb,c	cy	co	64	45	42	-	-	8.3	*	*	7
Greenwich (Royal Observatory) ...	149	bcy	cbcy	bc	66	45	39	-	-	4.6	54	72	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	5.7	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	66	45	45	-	-	6.4	44	71	*
†Regents Pk. (Botanic Gardens) ...	168	*	*	*	65	44	38	—		6.8	47	77	*
Camden Square	110	bcc	c	*	65	45	43	-	-	*	*	76	*
Kensington	80	bcw	bccbc	*	65	45	44	-	-	7.3	At 18h. 53	76	*
Hampstead Observatory	450	b	b	*	63	41	40	-	-	7.1	*	76	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 17th

South Kensington.

Max.	Time.	Min.	Time.
0·6	21h 16th	N:1	3-6h 17th

Kew Observatory.

Max.	Time.	Min.	Time.
0·2	20h. 16th	<0·1	3-6h. 17th.

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 16th April: Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	°F. Temp.	7h. G.M.T. 17th April: Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	°F. Temp.
Paris	1018·8	N	1	c	64	1019·3	NE	2	3o	50
Brussels										
Berlin	1013·8	NNW	3	c	48	1019·2	NNW	3	bc	37
Zürich	1023·8	NW	3	bc	37	1018·2	NWN	1	bc	45
Rome	1020·1	SW	4	b	64	1014·7	NNE	1	c	55

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
70	43	-	-
	34		-
72	41		-
	39	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

COLUMNS 2, 15.
The barometric tendency is expressed in tenths of a millibar.

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

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

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

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

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 18th APRIL 1933.

No. 26080

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

Dist.	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility (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	-8	ENE	4	c	50	65	6	5	-	-	9+	9+	2500
	Croydon ...	1021·3	-14	ENE	4	c	49	65	7	5	-	-	9	9	2500
	S. Farnborough	1021·0	-14	ENE	3	bc	53	65	7	7	-	8	4-6	4-6	2500
	Winchester ...	1021·0	-10	ENE	3	c	51	75	7	8	-	1	7-8	9	2500
	Boscombe Down	1020·7	-6	E	3	c	51	76	6	7	-	4	7-8	10	2500
	Calshot, S'thmtn	1020·6	-6	NE	5	c	54	75	7	5	-	8	7-8	7-8	2500
	Dungeness ...	*	*	NE	4	c	*	*	7	5	4	*	4-6	7-8	1500
	Lympne ...	1022·0	-10	NE	4	c	48	65	8	7	-	2	2-3	7-8	4000
2	Shoeburyness	1023·0	-4	E'N	4	c	48	75	8	5	-	-	9+	9+	2500
	Felixstowe ...	1023·7	-8	NE	4	c	47	75	8	5	-	-	9	9	1500
	Gorleston ...	1024·0	-4	E'S	4	bc	48	75	7	7	-	-	4-6	4-6	2500
	Cranwell ...	1023·6	-8	E	3	c	50	65	8	5	-	-	9+	9+	2500
3	Birmingham ...	1023·3	-2	ESE	3	c	45	75	6	5	-	-	10	10	1500
	Upper Heyford	1022·3	-10	E	4	c	49	75	7	5	-	-	9+	9+	1500
4	Ross-on-Wye ...	1021·6	-6	E'N	3	o	50	75	7	5	-	-	10	10	4000
5	Portland Bill...	1019·3	-10	E'S	5	bc	50	95	7	4	-	-	2-3	4-6	2500
	Plymouth ...	1018·8	-2	ENE	4	2_o	51	75	6	5	-	1	9+	9+	800
	The Lizard ...	1017·1	-4	ENE	4	o	51	95	7	8	-	-	10	10	2500
	Scilly (St. Mary's)	1015·9	-10	ESE	6	c	54	85	6	8	-	9	4-6	9	2500
	Guernsey ...	1017·9	-8	ES	5	2_o	54	95	6	1	-	-	0	0	-
6	Pembroke ...	1020·0	0	E	4	bc	54	75	6	5	-	-	4-6	4-6	1500
7	Holyhead ...	1020·4	-2	NNW	3	bc	53	75	6	5	-	-	4-6	4-6	4000
	Chester (Sealand)	1022·8	-6	SSE	4	c	52	65	6	5	-	-	9	9	1500
8	L'pool (Bidston)	1022·1	-8	E	4	c	47	86	6	3	1	-	1	9+	1500
9	Harrogate ...	1024·1	-6	SE	2	c	45	75	7	6	2	-	9	10	2500
10	Spurn Head ...	1024·1	0	SE'E	4	c	45	75	8	5	7	-	4-6	9	4000
	Catterick ...	1023·8	-8	SE'S	2	c	46	75	8	5	-	-	10	10	2500
	Tynemouth ...	1024·1	-6	SE	2	o	45	75	8	6	-	-	10	10	1500
11	Inchkeith ...	1024·0	-4	E	2	c	45	95	8	5	-	-	10	10	4000
	Leuchars ...	1023·8	-8	E	3	c	44	75	8	5	-	-	10	10	1500
12	Renfrew (Abbotts I.)	1023·4	-6	ENE	3	o	47	85	6	5	-	-	10	10	800
	Eskdalemuir ...	1023·1	-6	E	1	r_o	45	85	6	6	1	-	7-8	10	800
13A	Tiree	1022·8	0	ESE	3	$d_o d_o$	46	95	6	5	-	-	10	10	220
13B	Stornoway ...	1023·1	+6	NE	3	c	44	75	8	8	6	-	4-6	9	1500
15	Dalwhinnie ...	1023·3	-4	S	3	c	45	85	8	4	2	-	4-6	10	800
	Aberdeen ...	1024·7	-8	SE'E	3	c	42	75	7	8	7	-	4-6	10	1500
	Wick	1025·8	-2	ENE	3	c	42	65	8	5	1	-	7-8	9+	1500
16	Lerwick ...	1026·9	+2	NNE	3	jp	38	75	8	5	2	-	7-8	9+	1500
17	Blacksod Point	1018·5	-4	SE	1	bc	59	75	8	-	5	-	0	7-8	-
18	Malin Head ...	1020·8	0	E	3	c	49	95	7	7	-	-	9+	9+	1500
	Aldergrove ...	1021·7	-2	ESE	3	2_s	51	85	5	5	-	-	10	10	1500
	Donaghadee ...	1022·1	-2	SE	1	o	48	95	7	5	-	-	10	10	800
19	Birr Castle ...	1018·4	-10	SE	2	c	62	55	7	8	-	-	7-8	7-8	2500
20	Valentia Obsy.	1016·6	-10	W	2	b	59	65	9	1	3	-	1	1	4000
	Roches Point...	1017·4	+2	SE	3	bc	55	85	8	5	-	-	2-3	2-3	2500

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

Dist.	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility (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)...	1020·0	-10	ENE	4	bc	48	65	6	-	-	6	0	4-6	-	0	*
	Croydon ...	1020·4	-6	ENE	4	bc	46	65	7	7	-	6	2-3	4-6	4000	0	*
	S. Farnborough	1019·5	-10	ENE	3	bc	48	65	6	-	-	2	0	4-6	-	0	*
	Winchester ...	1019·1	-9	ENE	4	bc	49	65	7	-	-	1	0	4-6	-	0	*
	Boscombe Down	1018·6	-6	NE'E	2	bc	49	65	6	-	-	2	0	4-6	-	0	*
	Calshot, S'thmtn	1018·1	-4	NE	4	bc	53	65	7	-	-	2	0	2-3	-	0	2
	Dungeness ...	*	*	NE	5	bc	*	*	7	7	7	*	4-6	7-8	1500	*	4
	Lympne ...	1020·1	-8	NE'N	5	bc	43	75	8	4	-	2	1	4-6	4000	0	*
2	Shoeburyness	1021·2	-10	NE	4	bc	44	75	8	5	-	8	4-6	4-6	2500	0	*
	Felixstowe ...	1021·8	-10	NE	5	bc	44	75	9	1	-	1	1	2-3	2500	0	2
	Gorleston ...	1022·1	-10	NE'E	4	bc	45	65	7	7	4	-	2-3	2-3	4000	0	2
	Cranwell ...	1022·0	-2	ENE	3	c	45	75	8	5	3	-	4-6	9	2500	0	*
3	Birmingham ...	1020·6	-8	E	3	c	48	65	7	5	3	1	4-6	7-8	4000	0	*
	Upper Heyford	1020·3	-10	E	2	bc	49	65	8	1	-	6	1	4-6	2500	0	*
4	Ross-on-Wye ...	1019·6	-10	ENE	3	c	50	65	7	5	-	6	1	7-8	4000	0	*
5	Portland Bill...	1017·7	-20	ESE	5	b	49	95	8	-	-	-	0	0	-	0	4
	Plymouth ...	1016·7	-8	E	4	b	52	65	8	-	-	1	0	Tr	-	0	2
	The Lizard ...	1015·5	-4	ENE	5	c	49	85	7	4	4	-	7-8	7-8	2500	0	3
	Scilly (St. Mary's)	1015·5	-2	E	4	c	50	95	6	8	-	-	9	9	2500	0	3
	Guernsey ...	1015·7	-8	E'N	5	bc	50	85	6	-	3	-	0	4-6	-	0	4
6	Pembroke ...	1017·5	-12	SE	2	c	51	85	6	-	7	8	0	9+	-	0	1
7	Holyhead ...	1018·8	-6	NNW	2	bc	50	85	6	5	-	1	1	2-3	5700	0	0
	Chester (Sealand)	1020·7	-14	ESE	3	c	50	75	6	-	3	-	0	9	-	0	*
8	L'pool (Bidston)	1020·3	-6	E	4	c	49	65	6	5	3	-	2-3	9	1500	0	*
9	Harrogate ...	1021·9	-6	SE	2	c	46	75	6	6	2	-	9	10	4000	0	*
10	Spurn Head ...	1022·6	-4	E'S	4	c	43	75	8	5	3	9	4-6	7-8	4000	0	3
	Catterick ...	1021·7	-8	SE'S	1	c	47	75	8	4	2	-	7-8	10	4000	0	*
	Tynemouth ...	1022·3	-6	SE	2	o	44	75	8	6	-	-	10	10	1500	0	2
11	Inchkeith ...	1022·6	-6	NE	2	c	48	65	8	5	-	-	10	10	2500	0	2
	Leuchars ...	1022·5	-6	ENE	2	c	43	85	7	5	-	-	9+	9+	2500	0	*
12	Renfrew (Abbotts I.)	1022·1	-6	E'N	2	o	47	85	6	5	-	-	10	10	1500	1	*
	Eskdalemuir ...	1021·3	-8	SE'S	2	c	47	75	8	8	-	-	9	9	1500	1	*
13A	Tiree	1022·2	-4	NE'N	3	c	46	95	8	5	7	-	9+	10	800	81	2
13B	Stornoway ...	1023·2	-8	NE	4	c	42	75	9	8	6	-	4-6	7-8	1500	1	2
15	Dalwhinnie ...	1023·2	+2	NE	1	rr	40	85	7	3	2	-	7-8	10	450	1	*
	Aberdeen ...	1024·3	0	E	3	r_o	40	95	6	6	-	-	10	10	800	1	2
	Wick	1025·7	+2	ENE	3	c	41	75	8	8	-	-	7-8	7-8	2500	0	2
16	Lerwick ...	1027·2	+2	N	2	c/ps	34	85	9	5	7	-	4-6	7-8	1500	0	*
17	Blacksod Point	1017·7	-6	E	3	c	57	85	7	-	7	-	0	9	-	0	3
18	Malin Head ...	1020·1	-2	E	3	c	48	95	6	7	-	-	10	10	1500	0	1
	Aldergrove ...	1020·5	-6	ENE	2	2_s	50	85	5	5	-	-	2-3	2-3	2500	0	*
	Donaghadee ...	1020·7	-4	NNE	2	o	47	85	6	5	-	-	10	10	800	0	1
19	Birr Castle ...	1017·1	-8	SE	1	c	59	65	7	-	2	-	0	10	-	0	*
20	Valentia Obsy.	1015·3	-2	W	3	b	57	75	9	-	-	9	0	1	-	0	2
	Roches Point...	1015·7	-4	SE	3	bc	54	85	8	5	-	-	2-3	2-3	2500	0	3

PAST 24 HOURS.

Dist.	Stations. (For heights see p. 4.)	Weather. 7h.–13h. 17th (37)	Weather. 13h.–18h. 17th (38)	Weather. 18h. 17th to 1h. 18th (39)	Weather. 1h.–7h. 18th (40)
1	London (Kew)...	cm_o	$cbcm_o$	$bcm_o b$	$bccm_o$
	Croydon ...	oc	c	bbc	bmcm
	S. Farnborough	oc	bcbc	bcb	bxc
	Winchester ...	oc	cbc	bcb	bxbc
	Boscombe Down	$om_o c$	cbcy	bcb	bbcx
	Calshot, S'thmtn	$cm_o c$	cbc		bbc
	Dungeness ...	bc	bc	*	bc
	Lympne ...	c	bc	bcbv	bbcv
2	Shoeburyness	c	cbc	bcb	bcc
	Felixstowe ...	c	bcv	bxbc	bc
	Gorleston ...	cbccq	bc	bbccq	cq,
	Cranwell ...	c	c	cbx	bcx
3	Birmingham ...	oc	c	c	c
	Upper Heyford	c	cbc	bcb	bbcc
4	Ross-on-Wye ...	occ	cbcc	cbcb	bcc
5	Portland Bill...	$oz_o bc$	b	b	bbc
	Plymouth ...	cwz_o	$cz_o b$	b	bbcc
	The Lizard ...	bcc	c	cbcqc	c
	Scilly (St. Mary's)	bce	~~bEc~~	cbcc	cir_o
	Guernsey ...	bcbz	bzbc	bbcc	c
6	Pembroke ...	bcqm$_o$	bccm$_o$	bbcm$_o$	bcm$_o$
7	Holyhead ...	bcbz$_o$	~~cbz~~ $_o$	bom$_o$	$om_o c$
	Chester (Sealand)	oc	c bcz	cbc	c
8	L'pool (Bidston)	cgc	cbcc	cbcc	c
9	Harrogate ...	cid_o	c	c	c
10	Spurn Head ...	bc	bc	cbcc	cpr_o
	Catterick ...	$cr_o c$	c	c	$cir_o om_o$
	Tynemouth ...	bco	c	$or_o c$	$or_o r_o c$
11	Inchkeith ...	c	c	codd	cir_o
	Leuchars ...	cir_o	$cir_o o$	$oir_o r_o c$	bcbxv
12	Renfrew (Abbotts I.)	$cid_o am_o$	$om_o or$	$oir_o m_o$	ocbc
	Eskdalemuir ...	$cor_o r_o$	$ar_o c$	ccddc	bc
13A	Tiree	$ir_o m_o d_o$	$cm_o bc$	~~bc~~ .	c
13B	Stornoway ...	c	c	cbc	bc
15	Dalwhinnie ...	c	ir	*	bc
	Aberdeen ...	$cr_o c$	c	c	cpr_o
	Wick	$cr_o r_o$	$cd_o r_o r_o$	$oid_o c$	$cpsh_o$
16	Lerwick ...	cps	cps_o	$bccps_o$	cps_o
17	Blacksod Point	bc	bcc	cbc	cbc
18	Malin Head ...	c	c	c	c
	Aldergrove ...	com$_o$	$ob m_o$	bcm_o	$ccir_o$
	Donaghadee ...	$ofcd_o$	am_o	om_o	$cir_o q$
19	Birr Castle ...	bcy	c	c	co
20	Valentia Obsy.	cbcby bc	bc	bcc	bcc
	Roches Point...	bc	bc	$bcz_o c$	cw

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 figure 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.*

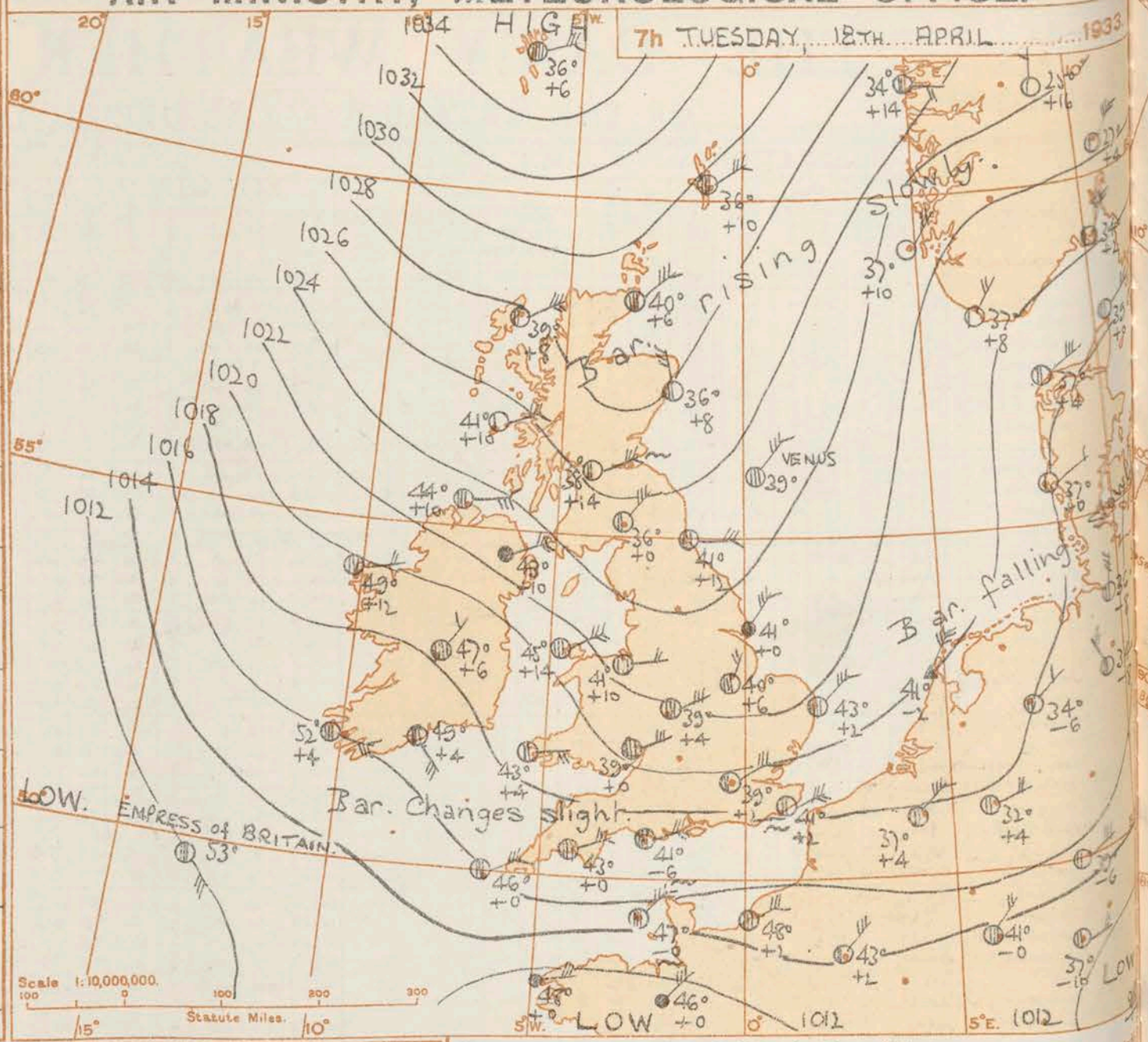
REPORTS from HEALTH RESORTS for Monday, 17th April 1933.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 16th to 9h. 17th	Temperature. Max. 9h.—17h. 17th	Rainfall. Night 17h. 16th to 9h. 17th	Rainfall. Day. 9h.—17h. 17th	Sunshine. Sunrise to 17h. 17th	Sunshine. Sunrise to Sunset. 16th
1	Tunbridge W.	ocbc	bbc	44	53	–	–	4·6	7·4
	Bournemouth	obc	bcb	48	57	–	–	6·0	12·2
	Ventnor ...	bzoc	bzbc	47	53	–	–	5·8	12·5
	Southsea ...	oc	cb	43	58	–	–	4·6	8·7
	Bognor Regis	c	bcb	45	57	–	–	5·2	9·3
	Littlehampton	c–	bc	45	57	–	–	5·0	10·8
	Worthing ...	c	b	46	56	–	–	5·4	10·8
	Brighton ...	cbc	b	46	57	–	–	4·7	9·6
	Eastbourne†	cbc	bc	47	54	–	–	6·8	8·7
	Hastings† ...	ocbc	b	45	53	–	–	6·6	7·6
	Folkestone ...	oobc	b	45	52	–	–	6·5	8·5
	Dover... ...	c	cbc	46	53	–	–	5·9	5·9
	Deal	obc	b	46	(52)	–	–	6·8	6·5
	Ramsgate ...	o	bc	40	49	–	–	3·7	8·3
	Margate ...	⊖	bc	45	49	–	–	4·0	8·5
2	Southend ...	o	ocbc	44	48	–	–	0·8	7·3
	Maldon ...	oc	cbv	44	49	–	–	1·5	9·1
	Clacton-on-Sea	c	cbc	44	48	–	–	1·8	5·7
	Dovercourt ...	oc	bcv	41	48	–	–	3·0	6·7
	Lowestoft ...	cbcb	b	42	48	–	–	6·9	5·1
	Skegness ...	oc	cbco	43	48	–	–	2·0	5·2
	Mablethorpe	ocv	cv	44	47	–	–	0·6	1·0
	Cleethorpes...	oc	c	43	47	Trace	–	0·7	0·1
3	Leamington S.	cc	cbc	44	51	–	–	1·5	3·7
4	Cheltenham†	oc	obcbc	46	54	–	–	3·3	7·4
5	Bath	c	cbc	47	56	–	–	2·1	11·9
	Weymouth ...	c	cb	47	66	–	–	5·7	12·9
	Jersey ...	b	bc	45	58	–	–	11·3	13·5
	Torquay ...	ogm	bcgbg	45	63	–	–	4·0	12·3
	Penzance ...	boc	obcb	48	58	–	–	5·2	12·2
	St. Ives ...	b	b	45	58	–	–	8·3	13·0
	Bude	mb	b	39	58	–	–	10·3	12·3
	Ilfracombe ...	cbc	bcb	45	53	–	–	4·4	10·6
6	Aberystwyth	bca	cbc	47	58	–	–	6·1	6·8
7	Llandudno ...	bc	bc	44	60	–	–	8·0	2·4
	Colwyn Bay...	obc	bcb	44	59	–	–	7·1	1·3
	Rhyl	czo	cbcg	46	56	–	–	3·8	1·7
8	Wallasey ...	foc	cbcc	46	51	Trace	–	0·5	4·8
	Southport‖ ...	o	o	45	48	0·2	–	0·0	6·6
	Blackpool ...	o	ocm	44	49	1	–	0·0	4·2
	Morecambe ...	c	c	45	50	1	–	0·0	7·8
9	Ilkley... ...	o	o	41	48	2	–	0·0	1·0
10	Berwick-on-T.	or	o	42	45	–	Trace	0·0	5·5
11	Dunbar ...	cr	cr	42	45	Trace	0·3	0·0	3·1
12	Troon... ...	ar	rodm	44	48	1	1	0·0	0·1
	Douglas ...	om	cmcb	44	50	3	–	3·1	3·7

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h TUESDAY, 18TH APRIL 1933.



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.
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 April, 1933.
1. S.E. England 2. E. England... 3. E. Midlands	Moderate or fresh northeast wind; cloudy, brighter intervals, some showers near the Coast; rather cool.
4. W. Midlands	As 6 - 8.
5. S.W. England 6. South Wales	Moderate or fresh east or northeast wind; cloudy, brighter intervals, occasional local rain; moderate temperature.
7. North Wales 8. N.W. England	Light or moderate east or northeast wind; mainly fair; moderate temperature.
9. N Midlands 10. N.E. England 11. S.E. Scotland	Moderate northeast wind; cloudy, brighter intervals, showers of rain, hail or sleet near Coast; rather low temperature.
12. S.W. Scotland & Isle of Man 13. A. W. Scotld. B. N.W. Scotland. 14. Mid-Scotland	Moderate east or northeast wind; mainly fair; moderate or rather low temperature.
15. N.E. Scotland 16. Orkneys and Shetlands.	Moderate northeast wind; cloudy, brighter intervals, showers of rain, hail or snow; rather cold.
17. N.W. Ireland 18. N.E. Ireland	Moderate easterly wind; cloudy, brighter intervals; moderate temperature.
19. S.E. Ireland 20. S.W. Ireland	Moderate east or southeast wind; cloudy, perhaps occasional local rain; moderate temperature.

GENERAL INFERENCE.

A large anticyclone is centred east of Iceland with an extension over the British Isles. A depression is situated out on the Atlantic and there is a trough of low pressure over the Bay of Biscay and France. Weather will be mainly dry but showers will occur in Eastern coastal districts and local rain may occur in Southwestern districts.

FURTHER OUTLOOK.

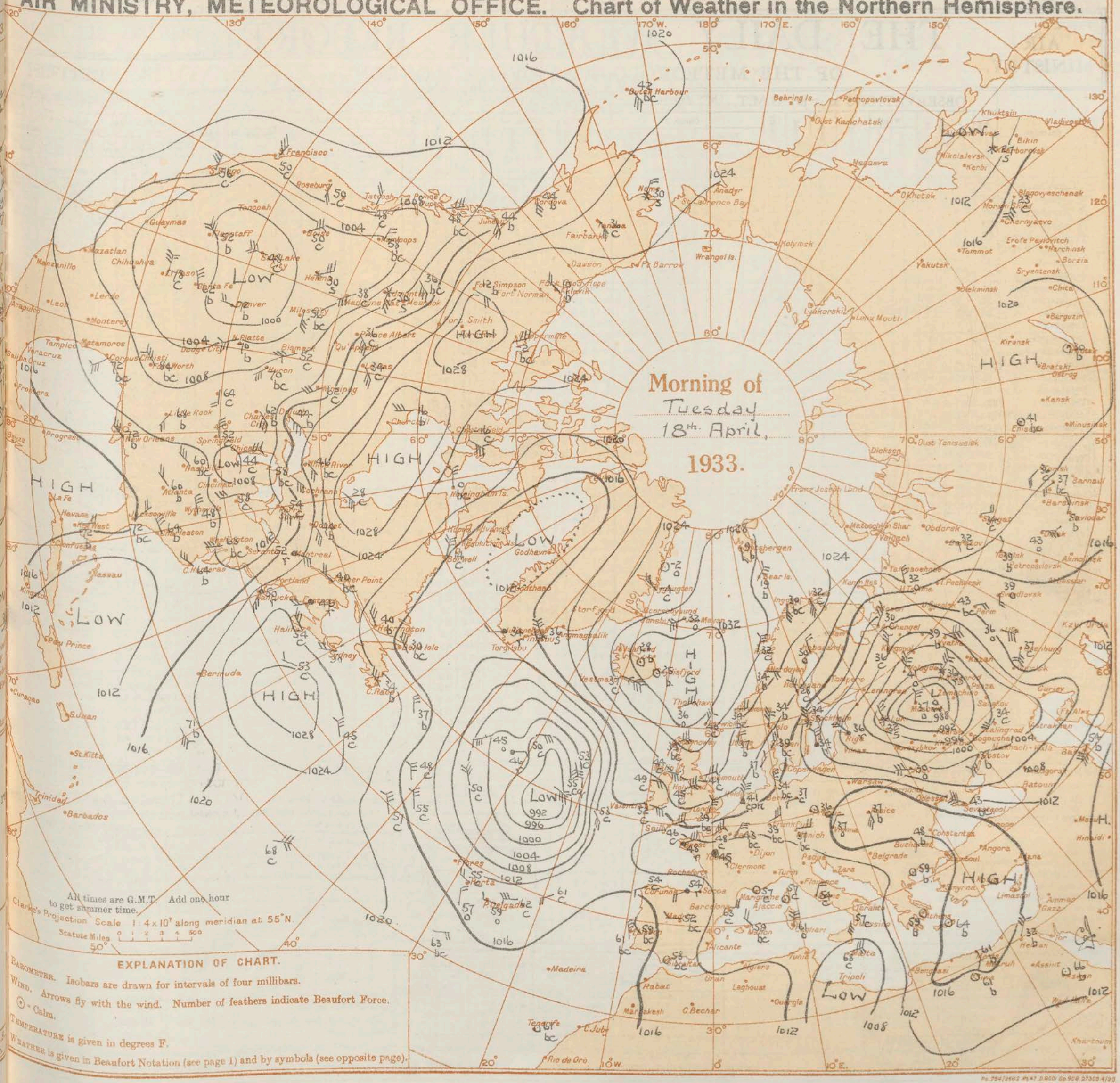
No important change.

Forecasts issued at 0915 G.M.T.

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

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

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


Morning of
Tuesday
18th. April,
1933.
HIGH
Low
Low
HIGH
HIGH
Low
HIGH
HIGH
Low
HIGH
Low
Low
HIGH
Low
Low
HIGH
Low

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 18th APRIL 1933.

No. 26080

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

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	1019.7	-6	NE'E	2	bc	36	85	7	-	S	-	0	2-3	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot,(S'thmtn)	8														
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1018.9	-10	NE	4	b	39	95	8	-	-	-	0	0	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	1021.7	-2	NE'E	4	c	42	85	7	-	2	-	0	10	-
	Cranwell ...	240														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1017.1	-4	ENE	5	b	44	85	8	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	1015.4	-4	E	5	c	48	85	7	5	-	-	9+	9+	2500
	Scilly (St. Mary's)	163	1015.4	0	E'S	4	c	50	85	7	5	-	-	10	10	4000
	Guernsey ...	175	1015.9	-8	NE	4	c	48	95	8	8	-	-	10	10	2500
6	Pembroke ...	142	1017.6	0	ESE	2	bc	45	95	6	4	-	-	2-3	2-3	4000
7	Holyhead ...	26	1018.8	-2	E'N	5	0	47	85	6	5	-	-	10	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1022.1	0	E'S	4	c	42	65	8	5	2	-	2-3	9+	4000
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	1023.4	+8	SE	3	66	43	95	7	6	-	-	10	10	1500
11	Inchkeith ...	190	1024.6	+12	NE	5	c	39	95	8	8	-	-	10	10	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts L.)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1026.8	+14	NE	5	bc	38	75	8	5	4	-	2-3	4-6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1028.4	+4	NE	3	c	38	65	8	8	1	-	4-6	7-8	2500
16	Lerwick ...	54	1029.1	+8	NE	4	c/ps.	36	75	8	8	-	-	7-8	7-8	1500
17	Blacksod Point	18	1018.0	+4	E	4	c	49	85	6	-	7	-	0	7-8	-
18	Malin Head ...	52	1021.2	0	E	4	c	47	95	7	5	2	-	9	10	800
	Aldergrove ...	298	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1014.7	0	SE'S	3	c	51	85	8	-	-	7	0	10	-
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)...	1019.6	+4	NE	4	c	41	65	6	-	3	-	0	7-8	-	0	*
	Croydon ...	1019.6	+2	NE	4	bc	39	75	6	5	3	1	2-3	4-6	1500	0	*
	S. Farnborough	1019.2	0	NE'N	3	c	38	85	6	5	-	-	9+	9+	7200	0	*
	Winchester ...	1019.1	+2	NNE	3	bc	37	85	7	-	3	4	0	2-3	-	0	*
	Boscombe Down	1018.9	+6	NE'E	3	c	39	85	7	5	-	8	7-8	9	4000	0	*
	Calshot,(S'thmtn)	1018.3	+6	NE'N	4	c	42	75	7	-	4	6	0	7-8	-	0	2
	Dungeness ...	*	*	NE	5	q	*	*	7	8	4	*	4-6	7-8	1500	*	4
	Lympne ...	1018.9	+2	ENE	5	bc	41	75	9	4	-	6	2-3	4-6	1500	0	*
2	Shoeburyness	1019.9	0	ENE	4	c	44	65	8	4	3	-	4-6	9	2500	0	*
	Felixstowe ...	1020.5	+4	NE'N	4	c	43	75	8	5	3	4	4-6	7-8	1500	0	2
	Gorleston ...	1021.0	+2	NE'N	4	c/pr	43	75	7	8	-	-	9	9	2500	0	3
	Cranwell ...	1022.6	+6	NE'N	2	c	40	85	8	5	-	-	9+	9+	5700	0	*
3	Birmingham ...	1021.9	+4	ENE	3	c	39	75	6	5	7	-	4-6	9+	4000	0	*
	Upper Heyford	1021.2	+8	ENE	4	c	38	75	8	5	7	-	Tr	10	2500	0	*
4	Ross-on-Wye ...	1020.8	0	NE'E	3	c	39	75	8	5	-	-	10	10	4000	0	*
5	Portland Bill...	1016.4	-6	ENE	5	c	41	95	7	4	-	-	7-8	7-8	2500	0	4
	Plymouth ...	1016.3	0	ENE	4	c	43	65	8	-	2	8	0	9+	-	0	1
	The Lizard ...	1015.0	+2	NE	5	c	45	85	8	8	-	-	10	10	2500	0	3
	Scilly (St. Mary's)	1015.4	0	E'N	4	c/r	46	95	7	8	-	-	10	10	2500	0	3
	Guernsey ...	1014.7	0	NE	5	c	47	85	7	5	1	-	4-6	7-8	4000	0	4
6	Pembroke ...	1019.5	+4	ESE	2	bc	43	85	6	5	-	-	4-6	4-6	2500	0	1
7	Holyhead ...	1020.1	+14	ENE	5	c	45	75	7	5	-	-	9+	9+	5700	0	2
	Chester (Sealand)	1022.4	+10	E'S	2	c	41	75	6	5	-	-	9+	9+	4000	0	*
8	L'pool (Bidston)	1022.3	+8	ENE	3	c	42	65	6	8	5	-	4-6	7-8	2500	0	*
9	Harrogate ...	1024.0	+6	ENE	2	c	39	85	7	5	-	-	9+	9+	4000	0	*
10	Spurn Head ...	1022.4	0	NNE	4	pro	41	85	7	3	7	-	4-6	7-8	4000	0	3
	Catterick ...	1024.7	+14	N'E	4	ro	37	95	6	6	-	-	10	10	800	1	*
	Tynemouth ...	1024.5	+12	E	4	c	41	75	8	6	-	-	7-8	7-8	1500	1	2
11	Inchkeith ...	1026.6	+18	NE	5	c	37	95	8	8	4	-	9	9+	2500	0	4
	Leuchars ...	1027.2	+8	NNE	2	b	36	75	9	7	-	-	1	1	2500	1	*
12	Renfrew (Abbotts L.)	1026.7	+14	ENE	4	bc	38	75	8	8	8	-	2-3	2-3	2500	1	*
	Eskdalemuir ...	1025.8	0	NE'N	4	bc	36	85	8	5	-	-	4-6	4-6	1500	1	*
13A	Tiree	1025.4	+10	ENE	54	b	41	65	9	5	-	-	1	1	4000	0	3
13B	Stornoway ...	1027.5	+8	ENE	5	bc	39	75	9	8	-	-	2-3	2-3	1500	1	2
15	Dalwhinnie ...	1028.6	+10	NE	2	bc	32	85	8	4	-	-	2-3	2-3	2500	1	*
	Aberdeen ...	1027.7	+8	NNW	3	bc	36	75	8	3	-	-	4-6	4-6	2500	1	2
	Wick	1028.7	+6	NE	4	c/phr	40	75	8	9	8	-	4-6	7-8	1500	1	3
16	Lerwick ...	1029.2	+10	NE	4	c/ps	36	75	8	8	7	-	4-6	7-8	1500	0	*
17	Blacksod Point	1019.3	+2	E	2	c	49	85	6	-	7	-	0	7-8	-	0	2
18	Malin Head ...	1022.9	+10	E	4	c	44	95	7	5	-	-	9+	9+	1500	0	2
	Aldergrove ...	1022.8	+10	E'N	5	ro	43	85	7	5	-	-	9+	9+	1500	1	*
	Donaghadee ...	1022.6	+12	SE	6	ro	43	85	8	6	-	-	9+	9+	800	1	3
19	Birr Castle ...	1018.1	+6	NE	1	0	47	95	7	5	-	-	10	10	2500	0	*
20	Valentia Obsy.†	1016.0	+4	E'S	4	c	52	75	8	6	7	-	1	10	2500	0	2
	Roches Point...	1017.4	+4	SE	3	c	49	85	7	5	-	-	9	9	1500	0	3

PAST 24 HOURS

Dist.	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 17th Hrs. (36)
1	London (Kew)...	51	38	33	-	-	2.2
	Croydon ...	51	33	25	-	-	3.0
	S. Farnborough	55	32	21	-	-	5.8
	Winchester ...	56	33	25	-	-	6.0
	Boscombe Down	55	32	28	-	-	5.8
	Calshot,(S'thmtn)	57	38	32	-	-	*
	Dungeness ...	51	42	*	-	-	7.5
	Lympne ...	49	37	34	-	-	
2	Shoeburyness	50	38	36	-	-	7.0
	Felixstowe ...	49	38	36	-	-	4.1
	Gorleston ...	48	41	39	-	-	3.1
	Cranwell ...	51	31	28	-	-	0.0
3	Birmingham ...	49	37	36	-	-	0.4
	Upper Heyford	51	35	31	-	-	*
4	Ross-on-Wye ...	54	36	27	-	-	1.4
5	Portland Bill...	51	40	*	-	-	*
	Plymouth ...	54	41	38	-	-	7.7
	The Lizard ...	54	45	*	-	-	*
	Scilly (St. Mary's)	56	46	*	-	0.1	8.0
	Guernsey ...	55	47	37	-	-	12.3
6	Pembroke ...	54	42	*	-	-	4.9
7	Holyhead ...	57	45	40	-	-	7.5
	Chester (Sealand)	52	40	38	-	-	7.0
8	L'pool (Bidston)	50	41	40	-	-	7.5
9	Harrogate ...	47	38	37	0.1	-	0.0
10	Spurn Head ...	49	40	*	-	Tr	0.7
	Catterick ...	48	37	37	Tr	0.1	0.0
	Tynemouth ...	46	39	36	-	2	*
11	Inchkeith ...	49	36	34	-	2	0.0
	Leuchars ...	45	33	27	Tr	1	0.0
12	Renfrew (Abbotts L.)	48	38	35	1	0.1	0.0
	Eskdalemuir ...	47	34	32	1	0.2	0.0
13A	Tiree	47	39	37	0.4	-	5.6
13B	Stornoway ...	46	37	*	-	-	0.0
15	Dalwhinnie ...	47	28	23	1	0.2	0.0
	Aberdeen ...	41	32	29	1		
	Wick	44	33	*	1	0.6	*
16	Lerwick ...	39	33	*	Tr	Tr	1.5
17	Blacksod Point	61	47	*	-	-	*
18	Malin Head ...	50	43	*	-	-	2.9
	Aldergrove ...	53	42	37	-	0.1	0.5
	Donaghadee ...	49	42	*	0.3	1	*
19	Birr Castle ...	63	46	44	-	-	8.2
20	Valentia Obsy.†	61	50	47	-	-	10.4
	Roches Point...	57	47	*	-	Tr	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations. except Greenwich & Hampstead rainfall, 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$_o$	cbcm$_o$	bcb,cm$_o$	51	38	33	-	-	2.9	*	*	6
Croydon	217	oc	c	bbcmc	51	33	25	-	-	2.2	*	*	6
Greenwich (Royal Observatory) ...	149	c	c	cbcy	51	36	30	-	-	0.8	65	58	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.2	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	49	39	*	-	-	0.9	53	53	*
‡Regents Pk. (Botanic Gardens) ...	166	*	*	*	53	37	30	-	-	0.5	59	61	*
Camden Square	110	oc	cb	*	51	36	30	-	-	*	*	*	*
Kensington	80	c	bcc	*	51	38	32	-	-	1.4	At 18h.	58	*
Hampstead Observatory	450	b	bc	*	48	35	30	-	-	1.3	68	59	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.5	18h 17h	0.0	3h-5h 18h

Kew Observatory. Max.	Time.	Min.	Time.
0.2	20h 17h	<0.1	1h 18h

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 17th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 18th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1013.9	NE	2	b	64	1014.1	NE	3	bc	43
Brussels	1017.9	NE	4	bc	50	1017.9	NE	4	bc	37
Berlin	1019.6	NNW	3	b	43	1015.4	W	1	c	37
Zürich	1013.8	ENE	3	c	59	1011.5	WNW	1	bc	41
Rome	1013.3	?	2	bc	61	1010.6	NE	2	c	54

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
68	39	-	-
54	30	-	-
48	30	-	-
70	39	-	-
	45		-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

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

COLUMN 30.—Code for State of Sea.

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

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

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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 and Rainfall are for the 24 hours ending 9h.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 19th APRIL 1933.

No. 26081

Diagram	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 18th April: Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	1020.4	-8	E	4	c	47	45	7	5	-	-	9+	9+	2500
	Croydon	1019.8	-2	NE'E	3	c	46	55	7	8	-	-	9+	9+	2500
	S. Farnborough	1020.0	+2	ENE	3	c	46	55	6	5	-	-	10	10	2500
	Winchester	1019.9	+6	NE'E	4	c	45	55	6	8	-	-	9+	9+	4000
	Boscombe Down	1019.9	+6	NE'E	4	c	47	55	7	5	4	-	7-8	9	2500
	Calshot, S'thmtn	1019.0	+2	NE'E	5	c	50	55	7	5	-	-	9+	9+	2500
	Dungeness	*	*	NE	5	pr	*	*	7	8	-	*	4-6	7-8	1500
	Lympne	1020.0	+2	NE	5	c(p)h(r)	44	55	9	2	-	1	7-8	7-8	4000
2	Shoeburyness	1020.8	0	ENE	5	c|p	46	55	8	6	-	8	4-6	7-8	2500
	Felixstowe	1020.9	0	NE'E	5	bc	47	55	9	2	-	6	4-6	4-6	2500
	Gorleston	1021.4	+2	NNE	5	bc	45	85	7	2	-	-	4-6	4-6	2500
	Cranwell	1022.8	+2	NE'N	3	c	47	65	8	8	-	-	9	9	4000
3	Birmingham	1021.7	-2	NE	4	c	48	55	8	5	-	1	7-8	7-8	2500
4	Upper Heyford	1021.3	+2	E'N	4	c|pr	45	65	8	8	-	9	7-8	9	2500
	Ross-on-Wye	1020.8	+4	E'N	4	c	49	55	8	7	-	-	9	9	4000
5	Portland Bill	1018.8	+14	E	5	c	49	75	7	4	-	-	10	10	2500
	Plymouth	1018.3	+12	ENE	6	c	47	65	8	7	7	-	7-8	9	4000
	The Lizard	1017.6	+10	ENE	5	c	48	75	7	8	1	-	4-6	10	2500
	Scilly (St. Mary's)	1018.1	+8	E'N	4	c	49	85	7	8	1	-	4-6	10	4000
	Guernsey	1016.4	+10	NE	6	c	47	75	7	8	-	-	9+	9+	2500
6	Pembroke	1018.9	0	SE	3	c	49	65	7	5	-	-	10	10	4000
7	Holyhead	1022.1	+10	E'N	5	c	49	65	6	5	-	-	9+	9+	5700
8	Chester (Sealand)	1023.2	0	NE'E	4	c	49	55	6	5	-	-	7-8	7-8	4000
	L'pool (Bidston)	1023.0	0	NE'E	4	3.	46	55	6	5	-	-	9	9	800
9	Harrogate	1021.3	0	N	2	c	42	55	9	3	-	-	7-8	7-8	4000
10	Spurn Head	1022.9	0	NNE	5	c	42	85	8	3	6	-	4-6	9	2500
	Catterick	1024.9	0	NNE	4	c	43	55	8	2	-	-	7-8	7-8	2500
	Tynemouth	1025.2	+2	NE	4	bc|p(h)r	43	55	8	3	-	-	4-6	4-6	1500
11	Inchkeith	1027.1	+4	NE	5	bc	45	65	8	2	-	-	2-3	2-3	4000
12	Leuchars	1027.3	+2	ENE	3	bc|p	45	65	8	8	-	-	2-3	2-3	2500
	Renfrew (Abbotts I.)	1026.6	+2	E'N	4	bc	47	45	8	7	-	-	4-6	4-6	4000
	Eskdalemuir	1025.7	0	NE'N	5	c	42	45	8	8	-	-	9	9	2500
13a	Tiree	1027.2	+4	E	4	b	47	45	9	7	-	-	Tr.	Tr.	4000
13b	Stornoway	1028.5	+4	E	4	bc	44	65	9	8	7	-	2-3	4-6	2500
15	Dalwhinnie	1028.4	+4	NE	3	bc	39	55	8	4	1	-	4-6	4-6	4000
	Aberdeen	1028.0	-2	NE'E	5	bc|p(h)r	43	65	8	8	-	3	4-6	4-6	2500
	Wick	1029.8	+4	NE	6	c	41	75	8	8	7	-	4-6	7-8	1500
16	Lerwick	1029.8	0	NE	4	c|ps	35	95	8	9	-	-	7-8	7-8	1500
17	Blacksod Point	1020.3	+8	E	4	c	54	85	7	-	1	-	0	9	-
18	Malin Head	1024.5	+8	E	5	b	45	75	7	5	-	-	1	1	1500
	Aldergrove	1024.3	+10	E	4	c	47	55	8	8	-	-	7-8	7-8	1500
	Donaghadee	1024.7	+6	SE	5	c	45	65	8	8	3	-	4-6	7-8	1500
19	Birr Castle	1020.6	+10	ESE	2	o|r	48	85	7	5	-	-	10	10	1500
20	Valentia Obsy.	1017.5	+6	ESE	4	c	58	55	8	7	7	1	4-6	9+	4000
	Roches Point	1019.6	+12	SE	4	c	51	65	8	5	-	-	9	9	2500

Diagram	Stations.	OBSERVATIONS at 18h. G.M.T. 18th April: 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)	1020.7	+4	NNE	5	c	45	45	7	7	-	4	4-6	7-8	2500	0	*
	Croydon	1020.3	+8	NE	3	c	43	55	6	5	3	-	9	9+	2500	0	*
	S. Farnborough	1020.1	+2	NE	3	c	45	45	7	5	-	8	7-8	9+	4000	0	*
	Winchester	1020.0	+4	NE	2	c	45	65	7	4	1	-	7-8	9	4000	0	*
	Boscombe Down	1020.1	+6	NNE	4	c	46	45	7	5	4	8	4-6	7-8	2500	0	*
	Calshot, S'thmtn	1019.4	+6	ENE	4	bc	47	45	7	8	4	-	4-6	4-6	2500	0	3
	Dungeness	*	*	NE	6	c	*	*	7	8	4	*	7-8	7-8	1500	*	4
	Lympne	1020.1	+4	NE'N	5	c	40	65	9	7	-	6	2-3	7-8	4000	0	*
2	Shoeburyness	1020.4	-2	NNE	4	c	43	55	9	8	-	8	9	9	4000	0	*
	Felixstowe	1020.5	0	N'E	4	c	43	55	8	9	-	8	7-8	7-8	4000	0	2
	Gorleston	1020.3	0	N'E	6	bc	44	96	7	9	-	-	4-6	4-6	1500	0	3
	Cranwell	1022.9	+4	NE'N	3	bc	41	65	8	8	-	3	4-6	4-6	4000	0	*
3	Birmingham	1022.5	+4	NE	4	bc	44	55	6	5	3	-	4-6	4-6	2500	0	*
4	Upper Heyford	1021.5	+6	NE	4	c	43	55	8	8	-	1	9	9+	4000	0	*
	Ross-on-Wye	1021.4	+4	NE'E	3	c	45	45	8	5	-	1	7-8	9	4000	0	*
5	Portland Bill	1019.0	+4	ENE	5	c	47	65	8	4	-	-	10	10	1500	0	4
	Plymouth	1019.3	+8	E'S	3	c	47	65	8	8	-	-	9+	9+	1500	0	2
	The Lizard	1018.9	+10	NE'N	5	c	47	75	8	4	4	-	4-6	7-8	2500	0	3
	Scilly (St. Mary's)	1019.4	+8	E'N	4	c	47	75	7	8	1	-	4-6	10	4000	0	3
	Guernsey	1017.4	+10	NE	6	c	47	75	9	8	3	-	4-6	7-8	2500	0	4
6	Pembroke	1020.2	+6	SE	2	c|p	48	65	7	3	6	-	4-6	9	1500	0	1
7	Holyhead	1023.1	+10	NE'E	5	bc	46	65	7	5	3	8	Tr.	4-6	5700	0	2
8	Chester (Sealand)	1023.7	+6	NE'N	3	3.	45	55	6	5	-	-	9	9	5700	0	*
	L'pool (Bidston)	1023.4	0	NE'N	4	bc	46	35	6	7	-	-	2-3	2-3	2500	0	*
9	Harrogate	1024.4	0	NNE	3	p(h)r	41	55	9	3	-	-	7-8	7-8	4000	0	*
10	Spurn Head	1022.4	0	N'E	5	bc	42	65	8	3	6	-	2-3	4-6	2500	0	4
	Catterick	1025.1	+4	N'E	4	bc|p	41	55	9	9	-	-	4-6	4-6	2500	0	*
	Tynemouth	1025.1	0	N	4	bc	40	75	8	9	-	-	4-6	4-6	1500	0	3
11	Inchkeith	1027.3	+2	NNE	4	bc	41	65	8	2	6	-	2-3	4-6	4000	0	4
12	Leuchars	1027.8	+6	NE	3	bc|p(h)r	42	65	8	8	6	3	2-3	2-3	1500	0	*
	Renfrew (Abbotts I.)	1027.2	+8	E'N	4	c	44	55	8	8	3	-	7-8	9	4000	1	*
	Eskdalemuir	1026.5	+4	NNE	4	bc	38	55	9	8	-	-	2-3	2-3	2500	1	*
13a	Tiree	1027.4	+4	NE	5	bc	46	55	9	7	-	-	4-6	4-6	4000	0	3
13b	Stornoway	1029.4	+2	ENE	5	bc	42	85	9	5	-	-	4-6	4-6	1500	1	3
15	Dalwhinnie	1028.3	+4	NE	5	bc	36	75	8	3	2	-	2-3	4-6	2500	0	*
	Aberdeen	1028.3	0	N'E	3	bc|p(h)r	41	65	8	3	-	-	4-6	4-6	4000	1	2
	Wick	1030.2	+4	NE	5	bc|pr	37	85	8	9	8	8	4-6	4-6	1500	1	1
16	Lerwick	1029.8	0	NE	4	c	39	65	8	8	7	-	4-6	7-8	1500	0	*
17	Blacksod Point	1021.6	+4	E	5	c	52	85	7	-	1	-	0	7-8	-	0	3
18	Malin Head	1025.8	+10	E	4	b	46	65	8	5	-	-	Tr.	Tr.	2500	0	1
	Aldergrove	1026.6	+4	ENE	3	bc	45	55	8	8	-	-	4-6	4-6	4000	0	*
	Donaghadee	1025.4	+4	SE	3	bc	46	65	8	8	3	2	2-3	4-6	4000	0	2
19	Birr Castle	1021.8	+10	ESE	3	c	50	75	7	5	2	-	9	10	2500	0	*
20	Valentia Obsy.	1019.3	+10	E'S	4	c	51	55	8	5	7	-	4-6	9+	4000	0	2
	Roches Point	1020.5	+6	SE	4	c	49	65	8	5	-	-	9	9	2500	0	4

PAST 24 HOURS.

Diagram	Stations.	Weather. 7h.–13h. 18th (37)	13h.–18h. 18th (38)	18h. 18th to 1h. 19th (39)	1h.–7h. 19th (40)
1	London (Kew)	c3.y	cy	bc	xbm.
	Croydon	bc.cy u	cy p rc3. t	cbc3.b	bm.x
	S. Farnborough	c3.y	cr. c3.	cyz. b	bm.x
	Winchester	bc.c m.	c p r c	c b c b	bx
	Boscombe Down	c	cy p r.	b	bx
	Calshot, S'thmtn	bc.c	cy	bc	bx
	Dungeness	p	bc	*	m
	Lympne	bc p r h q.	p r h q b c v	c p r. q b c v	c p s. b c c q
2	Shoeburyness	c b c y	b c y v	c y v b c	bx
	Felixstowe	b c y p r.	b c h y c p h q	c y b c b	b b c p h. b b c
	Gorleston	c q p r.	b c q	b c q	c b c x
	Cranwell	c p r. h. v	c v y b c	b c b x	bx
3	Birmingham	c	c b c	c b	bx
4	Upper Heyford	c b c c p r.	c b c p r h.	c b	b z x
	Ross-on-Wye	c	c	c b c c b	b x z.
5	Portland Bill	b c c	c	b c b	b b c
	Plymouth	c	c3.y	c b c	b c b
	The Lizard	c q	c q	c b c	b c
	Scilly (St. Mary's)	c p. c	c	c b c	b c c b c
	Guernsey	c	c b c c	c b c c	c b c
6	Pembroke	b c c	c j p c	b c c	c b c b
7	Holyhead	c y c 3.	t 3. c b c	b c b	b b c
8	Chester (Sealand)	c	c j p y 3.	b c b	b x m.
	L'pool (Bidston)	c y 3.	3. c j b	b c b	x b
9	Harrogate	c b c p h r	c b p h.	b c b	c b p s.
10	Spurn Head	p r c p h	b c	c p r b c	p s h.
	Catterick	o r. c p r	c y b c y v	y b c c p s	b c
	Tynemouth	b c p h.	b c p h	b c p r h o p s	b c p h s
11	Inchkeith	c b c	b c	b c b v	b c
12	Leuchars	b c c p r h.	b c p. p s h.	b c p. b x	b b c x j p
	Renfrew (Abbotts I.)	b b c y	b c c y	c y b c b w	b b c w v
	Eskdalemuir	b c c y	c p s h. b c y	c p s h b c p s	c i p s
13a	Tiree	b	b y b c	b c	b
13b	Stornoway	b c	b c	b c c	c p r.
15	Dalwhinnie	b c	b c	*	i s o
	Aberdeen	b c p s h q	b c p h.	b c b	b c p s h
	Wick	c p h r c	c p r b c	c p h r	c p h r q
16	Lerwick	c p s	c p s h	c p h	c p r
17	Blacksod Point	c b c	c b c	c b c	b
18	Malin Head	c b c	b c	b c	b c
	Aldergrove	c r. c v	c b c v y	b c y b.	b b x
	Donaghadee	c i r. c q	c b c	c b c b	b
19	Birr Castle	o r.	o r. c	c	b c c x
20	Valentia Obsy.	c y	c y	c y c b c	b c c
	Roches Point	c	c	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.
p, 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.
"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.

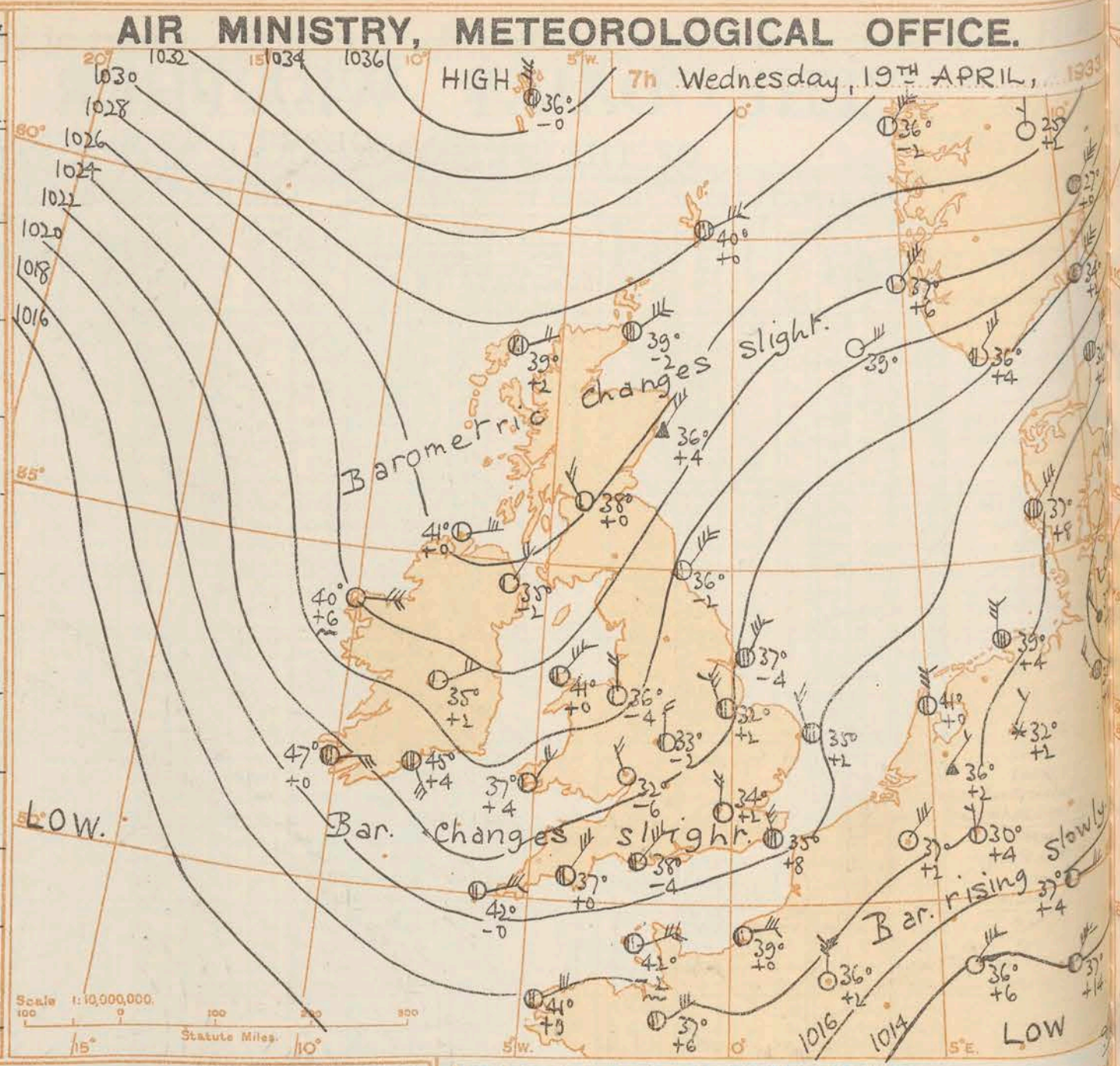
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 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 Tuesday, 18th April 1933.

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.	bbc	bcbbc	38	49	-	-	8·0	4·6
	Bournemouth	co	oc	35	51	-	-	1·4	7·5
	Ventnor ...	c	oc	41	51	-	-	2·8	7·1
	Southsea ...	c	cb	38	52	-	-	2·2	6·0
	Bognor Regis	bccbc	cbc	33	50	-	-	3·6	6·7
	Littlehampton	cbc	bc	31	50	-	-	3·6	6·5
	Worthing ...	bbcc	cbc	39	50	-	-	4·3	6·8
	Brighton ...	cbc	b	39	51	-	-	4·3	5·7
	Eastbourne†	co	ocb-oy	38	48	-	-	3·4	8·0
	Hastings† ...	bccbc	bcbbc	38	48	-	-	6·3	7·7
	Folkestone ...	bc	cphbc	41	48	-	Trace	9·6	6·9
	Dover... ...	ycbcc	phsbc	42	50	-	Trace	9·7	6·8
	Deal	b	bcb	45	52	-	-	9·4	6·6
	Ramsgate ...	bc	pbc	42	48	-	Trace	9·6	4·6
	Margate ...	bc	bcp	42	46	-	Trace	10·5	5·2
2	Southend ...	cbc	bcc	36	47	-	-	4·7	1·8
	Maldon ...	c	c	36	48	-	-	3·0	2·6
	Clacton-on-Sea	cbc	bc	41	47	-	-	7·7	3·3
	Dovercourt ...	bcv	bcv	38	47	-	-	7·1	4·3
	Lowestoft ...	bccbc	bccb	40	47	-	-	9·5	8·4
	Skegness ...	ombc	bcom	39	45	0·3	-	8·8	2·0
	Mablethorpe	opcbcv	bcv	40	45	Trace	-	8·8	0·6
	Cleethorpes ...	chrsc	cubc	40	45	-	0·2	7·8	0·7
3	Leamington S.	oc	cpc	39	50	-	Trace	3·1	2·2
4	Cheltenham†	c	cupc	38	49	-	Trace	1·4	3·7
5	Bath	c	cbcp	35	52	-	Trace	2·1	3·6
	Weymouth ...	c	c	38	51	-	-	0·9	7·2
	Jersey ...	rc	c	45	51	2	-	0·1	12·8
	Torquay ...	cq	c	42	52	-	-	1·6	5·7
	Penzance ...	cb-oc	oc	44	50	-	-	0·2	6·0
	St. Ives ...	c	c	45	50	-	-	1·2	9·7
	Bude	c	cbcc	40	52	-	-	2·5	11·6
	Ilfracombe ...	c	cbc	40	50	-	-	0·8	5·7
6	Aberystwyth	c	cbcc	43	53	-	-	4·0	6·3
7	Llandudno ...	cbc	bc	42	51	-	-	6·9	8·2
	Colwyn Bay...	bcc	bcc	39	50	-	-	5·5	7·1
	Rhyl	cm	cbc	39	50	-	-	4·0	4·4
8	Wallasey ...	oc	cbcb	42	50	-	-	3·0	0·5
	Southport‖ ...	ocbc	bccbc	41	51	-	-	4·2	0·0
	Blackpool ...	c	cpc	40	48	-	0·1	2·7	0·0
	Morecambe ...	cbccb	cbccb	42	51	-	-	3·1	0·0
9	Ilkley... ...	cpr	bcprs	38	45	Trace	Trace	3·5	0·0
10	Berwick-on-T.	c	phbc	38	44	3	Trace	6·9	0·0
11	Dunbar ...	bcr	bcph	35	43	0·3	Trace	8·5	0·0
12	Troon... ...	rocbc	cbc	38	48	Trace	-	10·4	0·0
	Douglas ...	c	cb	40	47	Trace	Trace	0·9	3·5

† 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. 19th April, 1933.
1. S.E. England 2. E. England .. 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Moderate northeast or north wind; bright intervals, showers of rain, hail, or sleet; cold, ground frost at night.
7. North Wales 8. N.W. England 9. N Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. A. W Scotld. B. N.W. Scotland. 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Moderate northeast or north wind; bright intervals, showers of rain, hail, sleet, or snow; cold, ground frost at night.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate easterly wind; mainly fair, a few scattered showers; rather cold, ground frost locally at night.

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

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

GENERAL INFERENCE.

An anticyclone centred near the Faeroe Islands is stationary, and a depression on the Atlantic is tending to fill up. Weather will continue cold with bright intervals, but occasional wintry showers at most places.

FURTHER OUTLOOK.

Little change.

Forecasts issued at 0905 G.M.T.

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

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

Morning of
Wednesday
19th April
1933.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 19th April 1933.

No. 26081.

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

Dimension.	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	1021·1	−2	N'W	2	b	35	75	7	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8														
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1020·1	−4	NNE	5	bc	36	75	8	5	-	-	2-3	2-3	2500
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	1020·9	0	NE'N	4	bc	40	85	7	7	-	-	4-6	4-6	2500
	Cranwell ...	240														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1021·0	+6	NE	5	b	38	75	7	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	1020·4	+4	NE	4	bc	45	65	8	7	4	-	2-3	4-6	4000
	Scilly (St. Mary's)	163	1020·9	+4	E'N	3	bc	45	85	7	5	-	-	2-3	2-3	4000
	Guernsey ...	175	1020·0	+2	ENE	5	c	44	75	8	8	-	-	7-8	7-8	2500
6	Pembroke ...	142	1024·0	+8	ENE	3	c	42	65	7	5	-	-	9+	9+	2500
7	Holyhead ...	26	1025·1	+4	ENE	4	b	39	75	8	1	-	-	Tr.	Tr.	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1021·9	−2	N	6	bc	38	95	8	3	7	-	3-8	4-6	4000
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	1023·6	−4	NNE	4	bc/ps	35	85	8	9	-	-	4-6	4-6	1500
11	Inchkeith ...	190	1028·0	0	NNE	3	b	36	85	9	5	-	-	1	1	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts D	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1030·0	+4	ENE	4	c	39	85	9	8	7	-	2-3	7-8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	87	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1029·6	−2	NE	5	c/phr	40	75	8	9	1	8	4-6	7-8	1500
16	Lerwick ...	54	1030·1	0	NNE	5	c/ph	39	75	7	9	-	-	7-8	7-8	1500
17	Blacksod Point	18	1024·6	+8	E	5	bc	44	75	8	-	4	-	0	4-6	-
18	Malin Head ...	52	1027·5	+4	E	4	bc	42	75	8	5	-	-	2-3	2-3	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1020·6	+6	SE	3	c	47	85	8	4	-	-	9+	9+	4000
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Dimension.	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	0	NNE	3	b	35	85	5	-	-	-	0	0	-	0	*
	Croydon ...	1021.4	+2	N	2	b	34	85	5	5	-	-	1	1	1500	0	*
	S. Farnborough	1021.6	+2	N	1	b	34	85	7	1	-	-	Tr	Tr	1500	0	*
	Winchester ...	1021.6	0	N	3	b	33	85	7	-	-	-	0	0	-	0	*
	Boscombe Down	1021.6	+2	NNE	4	b	32	85	7	-	-	-	0	0	-	0	*
	Calshot, (S'thmtn)	1021.0	0	ENE	4	b	35	85	7	-	-	-	0	0	-	0	2
	Dungeness ...	*	*	ENE	3	c/phr	*	*	7	3	6	*	4-6	7-8	1500	*	3
	Lympne ...	1020.9	+8	NNW	3	c	35	65	8	8	-	-	9+	9+	800	1	*
2	Shoeburyness	1020.8	0	N'E	3	bc	37	75	8	8	-	-	2-3	2-3	2500	0	*
	Felixstowe ...	1021.0	+2	NW'N	1	bc	34	85	8	3	-	-	4-6	4-6	2500	0	1
	Gorleston ...	1020.4	+2	NW'N	2	c	35	85	6	8	-	-	7-8	7-8	2500	0	2
	Cranwell ...	1022.6	+2	NW'N	4	bc	32	95	7	4	-	-	2-3	2-3	4000	4	*
3	Birmingham ...	1023.4	−2	N	2	b	33	85	5	-	-	-	0	0	-	0	*
	Upper Heyford	1022.8	−2	N	3	m	31	85	4	-	-	-	0	0	-	0	*
4	Ross-on-Wye ...	1023.0	−6	N'W	2	b	32	85	6	-	-	-	0	0	-	0	*
5	Portland Bill...	1020.4	−4	NE	4	bc	38	75	8	4	-	-	2-3	2-3	2500	0	3
	Plymouth ...	1021.5	0	NNE	3	bc	37	85	8	2	-	1	1	2-3	2500	0	1
	The Lizard ...	1020.9	0	NE	3	bc	40	65	8	1	4	-	2-3	4-6	4000	0	2
	Scilly (St. Mary's)	1020.7	0	E'N	4	bc	42	85	8	2	4	-	2-3	4-6	4000	0	3
	Guernsey ...	1019.3	−2	ENE	5	bc	42	65	8	8	-	-	4-6	4-6	2500	0	4
6	Pembroke ...	1022.7	+4	NE	2	b	37	75	7	7	-	-	1	1	4000	0	1
7	Holyhead ...	1025.1	0	NE	4	bc/p	41	65	8	2	-	-	4-6	4-6	4000	0	2
	Chester (Sealand)	1024.7	−4	N	2	b	36	85	6	7	-	-	1	1	2500	0	*
8	L'pool (Bidston)	1024.7	−2	N'E	4	b	35	75	8	7	-	-	Tr	Tr	4000	0	*
9	Harrogate ...	1023.7	0	N	1	b/ps	33	85	8	3	-	-	1	1	2500	6	*
10	Spurn Head ...	1021.5	−4	NNE	4	c	37	85	8	3	7	-	4-6	7-8	2500	1	3
	Catterick ...	1024.2	−6	NW	3	bc	33	95	7	3	6	-	1	2-3	2500	6	*
	Tynemouth ...	1023.3	−2	NNE	5	bc/ps	36	95	8	9	-	-	4-6	4-6	1500	1	2
11	Inchkeith ...	1027.1	0	N	3	bc	37	75	8	2	6	-	2-3	4-6	2500	0	3
	Leuchars ...	1026.8	−4	NNW	3	bc/p	36	75	9	9	6	3	4-6	4-6	1500	0	*
12	Renfrew (Abbotts D	1028.2	0	NW'N	2	b	38	65	9	8	-	-	Tr	Tr	2500	0	*
	Eskdalemuir ...	1026.4	−2	N'E	4	bc/ps	33	85	8	8	-	-	4-6	4-6	1500	7	*
13A	Tiree	1029.7	0	NE	4	b	41	65	9	1	-	-	2-3	2-3	4000	0	3
13B	Stornoway ...	1029.8	+2	ENE	2	c	39	85	9	8	7	-	4-6	9	1500	1	1
15	Dalwhinnie ...	1028.2	−4	N	1	cs	32	95	8	3	4	-	2-3	7-8	800	6	*
	Aberdeen ...	1027.7	+4	NNE	3	PHR	36	75	8	3	-	-	7-8	7-8	2500	6	2
	Wick	1029.9	−2	NE	5	c/phr	39	75	8	3	8	8	4-6	7-8	1500	1	3
16	Lerwick ...	1030.1	0	NE	4	c/p	40	65	8	8	7	-	7-8	9	1500	0	*
17	Blacksod Point	1026.2	+6	E	5	b	40	85	9	-	-	-	0	0	-	0	4
18	Malin Head ...	1028.3	0	E	3	b	41	75	8	4	-	-	Tr	Tr	2500	0	1
	Aldergrove ...	1028.0	−2	NE	2	b	35	75	8	2	-	-	Tr	Tr	2500	0	*
	Donaghadee ...	1027.6	0	NNE	3	bc	40	65	8	5	-	-	2-3	2-3	1500	0	2
19	Birr Castle ...	1025.1	+2	ENE	2	b	35	95	8	-	4	-	0	1	-	0	*
20	Valentia Obsy.†	1021.0	0	E'S	3	c	47	75	8	7	3	-	7-8	9+	4000	0	2
	Roches Point...	1022.4	+4	SE	3	c	45	65	8	5	-	-	9	9	2500	0	3

PAST 24 HOURS.

Dimension.	Stations.	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 18th Hrs. (36)
1	London (Kew)...	48	31	25	-	-	2·5
	Croydon ...	47	32	23	Tr.	-	2·6
	S. Farnborough	48	27	15	Tr.	-	1·4
	Winchester ...	49	29	23	Tr.	-	3·0
	Boscombe Down	50	28	26	Tr.	-	4·1
	Calshot, (S'thmtn)	51	32	27	-	-	2·1
	Dungeness ...	*	*	*	-	0·4	*
	Lympne ...	47	30	24	0·1	0·4	4·2
2	Shoeburyness	50	28	25	-	-	6·3
	Felixstowe ...	48	29	26	Tr.	Tr.	7·0
	Gorleston ...	47	32	30	Tr.	-	10·1
	Cranwell ...	49	28	26	Tr.	-	6·3
3	Birmingham ...	48	30	24	-	-	3·1
	Upper Heyford	48	27	24	Tr.	-	*
4	Ross-on-Wye ...	50	29	19	-	-	2·0
5	Portland Bill...	49	34	*	-	-	*
	Plymouth ...	49	35	32	-	-	2·0
	The Lizard ...	48	40	*	-	-	*
	Scilly (St. Mary's)	50	41	*	Tr.	-	0·3
	Guernsey ...	49	41	34	-	-	1·8
6	Pembroke ...	52	35	*	-	-	2·0
7	Holyhead ...	49	39	35	-	-	8·7
	Chester (Sealand)	50	26	19	-	-	1·9
8	L'pool (Bidston)	47	32	29	-	-	3·2
9	Harrogate ...	45	30	25	0·4	0·2	4·4
10	Spurn Head ...	49	34	*	Tr.	3	10·5
	Catterick ...	45	30	27	0·2	1	4·2
	Tynemouth ...	43	34	31	0·3	2	*
11	Inchkeith ...	47	35	29	-	-	9·9
	Leuchars ...	46	33	24	Tr.	Tr.	10·3
12	Renfrew (Abbotts D	48	31	26	-	-	9·0
	Eskdalemuir ...	44	29	25	0·1	1	12·9
13A	Tiree	49	35	28	-	-	12·9
13B	Stornoway ...	45	35	*	-	0·1	7·0
15	Dalwhinnie ...	41	25	16	-	2	10·0
	Aberdeen ...	44	32	29	0·2	0·1	
	Wick	43	33	*	0·1	1	
16	Lerwick ...	40	37	*	1	1	8·4
17	Blacksod Point	54	38	*	-	-	*
18	Malin Head ...	46	39	*	-	-	9·9
	Aldergrove ...	50	30	20	Tr.	-	4·3
	Donaghadee ...	48	38	*	0·2	-	*
19	Birr Castle ...	51	32	22	Tr.	-	0·0
20	Valentia Obsy.†	59	45	42	-	-	0·5
	Roches Point...	52	44	*	-	-	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations, except Greenwich & Hampstead rainfall, 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	c3oy	cy	bcbm9	48	31	25	-	-	2.4	*	*	6
Croydon	217	bccyu	cypr c3o	cbcm2c	47	32	23	Tr	-	2.6	*	*	5
Greenwich (Royal Observatory) ...	149	cy	c ir c	cbccc	48	31	20	Tr	Tr	0.6	53	65	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	1.0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	48	34	28	-	-	1.0	52	58	*
‡Regents Pk. (Botanic Gardens) ...	108	*	*	*	50	31	25	-	-	1.1	49	58	*
Camden Square	110	c	cbc	*	50	32	26	-	-	*	*	72	*
Kensington	80	bcc	bc	*	48	33	26	-	-	0.8	At 18h.	61	*
Hampstead Observatory	450	c	bc	*	47	29	23	-	-	1.5	44	64	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington.	Max.	Time.	Min.	Time.
	0.6	15h 18h	0.0	1h-6h 19th

Kew Observatory.	Max.	Time.	Min.	Time.
	0.3	14h 18h	<0.1	1h 19h

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. Barom. mb.	18h. G.M.T. Wind. Direc.	18h. G.M.T. Wind. Force.	18h. G.M.T. Weather.	18h. G.M.T. Temp. °F.	7h. G.M.T. Barom. mb.	7h. G.M.T. Wind. Direc.	7h. G.M.T. Wind. Force.	7h. G.M.T. Weather.	7h. G.M.T. Temp. °F.
Paris	1014.5	NNE	5	c	48	1017.0	N	5	b	36
Brussels	1016.2	N	5	b	43	1018.4	NE	3	b	37
Berlin	1012.7	NNW	2	bc	43	1013.4	NW	2	30	34
Zürich	1007.0	NNE	3	c	63	1010.6	NE	2	rs	36
Rome	1006.1	S	3	c	63	999.8	S	1	c	57

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
54	30	-	-
46	30	-	-
46	27	Tr	-
66	34	-	7
72	45	Tr	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	2¼ ,,
6 Moderate ,,	6½ ,,
7 Good ,,	12½ ,,
8 Very good ,,	31 ,,
9 Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 20th April 1933.

No. 26082

District.	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 19th April														OBSERVATIONS at 18h. G.M.T. 19th April														PAST 24 HOURS.			
				Wind.						Cloud.								Wind.					Cloud.								Weather.			
		Barom. at M.S.L. mb.	Change in 3 hours.	Direc.	Force 0-12	Weather.	°F. Temp.	% Humid.	0-9 Visibility	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.	°F. Temp.	% Humid.	0-9 Visibility	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. 19th	13h.–18h. 19th	18h. 19th – 1h. 20th	1h.–7h. 20th
		(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)...	1019.3	-12	NNW	3	bc/fbl	45	45	7	3	-	3	4-6	4-6	2500	1019.0	0	E'N	2	bc/r+	40	65	3	-	3	1	0	2-3	-	0	*	bbcy	bcprsbxpsf	bcfp.bm	cbxm.
	Croydon ...	1019.1	-14	N	4	bc	46	35	6	8	-	-	4-6	4-6	4000	1019.0	+2	-	0	bc/o	35	35	5	3	3	-	1	4-6	1500	1	*	bbc 3.	qrsss m	bcm+b	bcm.x
	S. Farnborough	1019.2	-12	NNE	3	bc/rs	44	55	8	3	-	3	4-6	4-6	4000	1018.7	0	ENE	3	bc	40	65	6	2	8	1	4-6	4-6	4000	0	*	b,cbcprs	bccps.	bcbcbc	bcbm.xc
	Winchester ...	1019.0	-16	N	3	cjp	44	45	8	2	-	-	7-8	7-8	2500	1018.7	+4	ENE	3	C	40	75	6	4	-	-	7-8	7-8	4000	0	*	bbcy	ybcprsc,	bc3.bcb bbc bxbc	
	Boscombe Down	1019.2	-16	NE	3	cjp	45	45	8	8	-	-	7-8	7-8	2500	1018.3	-2	E'N	3	bc	42	55	7	3	4	-	4-6	4-6	1500	0	*	bcph.	bcjpbcy	cpsb	bm.x
	Calshot, S'thmtn	1018.8	-14	N	4	bc	49	35	7	2	-	-	4-6	4-6	4000	1018.3	+2	NE	3	prs.	41	65	6	2	-	-	7-8	7-8	4000	0	2	bbc	bcy prs.		bwxb
	Dungeness ...	*	*	E	2	C	*	*	7	7	6	*	4-6	7-8	1500	*	*	NE	3	C	*	*	7	8	-	*	7-8	7-8	1500	*	3	bc	c/s bc	*	p
	Lympne ...	1019.8	-8	ESE	4	rs	39	75	7	8	-	-	7-8	7-8	2500	1018.6	-2	NEN	4	bc	38	65	9	1	-	-	2-3	2-3	4000	0	*	c/s psh	pshbcvy	prsbbcvq	bcvcprs.
2	Shoeburyness	1020.0	-6	ENE	3	bc/phr	44	55	8	8	-	3	4-6	4-6	4000	1018.7	-4	E'N	3	b	42	55	8	7	-	-	Tr.	Tr.	4000	0	*	bcphs.	bcb	bbc	c
	Felixstowe ...	1020.2	-6	ENE	3	bc	45	65	9	8	-	-	4-6	4-6	2500	1019.0	-2	NNE	4	bc	42	65	9	1	-	1	4-6	4-6	2500	0	3	bcphq pss	cvy	bcvps	bccprs.
	Gorleston ...	1019.5	-2	NEN	3	bc	44	75	7	2	-	-	4-6	4-6	4000	1019.7	-2	NEN	4	bc	42	85	7	9	-	-	4-6	4-6	2500	0	3	cph.bc	bccps.q	cph.q	cq.pr.
	Cranwell ...	1021.5	0	E	4	cjp	43	55	9	8	-	-	9	9	2500	1021.1	+2	NEE	4	C	41	65	8	8	-	-	7-8	7-8	4000	0	*	bcps. phq	cbcvy	cph	cis.
3	Birmingham ...	1020.9	-8	NNE	4	bc	44	45	7	2	3	-	4-6	4-6	2500	1020.2	-4	ENE	3	bc	41	45	6	3	3	-	2-3	4-6	2500	0	*	bbc	bcps.	bcb	bbc
	Upper Heyford	1020.3	-10	ENE	4	bc/ps	44	55	8	3	-	-	4-6	4-6	2500	1019.3	-4	ENE	4	ps	42	65	8	8	-	1	9	9+	2500	0	*	bcph. ps.	ps. ps	cjpb	b,cs.
4	Ross-on-Wye ...	1020.4	-10	NNE	3	bc/ps	43	45	6	2	6	-	4-6	4-6	4000	1019.2	-6	NEE	4	b	42	45	8	8	-	-	1	1	4000	0	*	b3.bcb.s.	bcy	bcb	bbcc
5	Portland Bill...	1019.0	-16	NE	3	cjp	45	65	8	2	-	-	7-8	7-8	2500	1016.0	-16	E	4	bc	44	65	8	4	-	-	4-6	4-6	2500	0	3	bc	bc	bcb	b
	Plymouth ...	1019.2	-14	EN	4	bc	46	45	8	1	-	1	4-6	4-6	4000	1017.3	-6	E	4	C	44	45	8	8	6	-	2-3	7-8	2500	0	1	bbcy	bcycpq	cybcb	b
	The Lizard ...	1018.9	-8	ENE	4	bc	47	55	8	2	4	-	2-3	4-6	4000	1017.0	-6	NE	3	bc	44	55	8	1	-	-	4-6	4-6	4000	0	2	bcy	bc	bcq	bc
	Scilly (St. Mary's)	1019.3	-10	EN	4	bc	48	65	8	3	-	5	4-6	4-6	2500	1017.5	-12	NEE	3	C/pr	41	85	8	9	6	-	9	9+	2500	0	2	bc	cph.	cp.bc	bc
	Guernsey ...	1018.6	-8	E	3	bc	45	75	8	8	-	-	4-6	4-6	2500	1016.4	-10	E	4	bc	43	65	8	-	3	-	0	2-3	-	0	4	cirs	bccbc	bbc	bbccpr
6	Pembroke ...	1020.3	-12	NE	3	C	44	55	7	5	7	-	4-6	7-8	4000	1019.8	-16	NNE	3	C	41	75	7	5	6	-	4-6	7-8	2500	0	1	bbccy	bcphc	bcb	bbc
7	Holyhead ...	1023.0	-12	NNE	5	cjp	44	65	8	1	-	-	7-8	7-8	2500	1021.4	-6	NEE	4	bcjp	43	65	7	3	-	1	2-3	2-3	1500	0	2	jpbc	pc.ph.	bcb	b3.bc
	Chester (Sealand)	1022.4	-10	NNE	3	c/pr	46	45	6	8	-	-	7-8	7-8	4000	1021.3	-8	NNE	3	bc	44	55	6	8	-	-	4-6	4-6	4000	0	*	bccprs.	pc.bcqy	bcb	xbcpsh.
8	L'pool (Bidston)	1022.3	-8	NEE	3	bc	43	56	7	8	-	-	4-6	4-6	2500	1021.3	-6	NEN	2	C	42	55	6	5	-	-	9	9	1500	1		bybcpsbc	cbqyg	ycbb	bm.bc
9	Harrogate ...	1022.5	-6	EN	3	bc	43	55	9	3	-	-	4-6	4-6	2500	1022.3	0	NE	3	C	41	55	9	8	-	-	9	9	4000	0	*	cb psh	bcc	c	cp.
10	Spurn Head ...	1021.6	0	ENE	4	C	47	55	8	2	3	8	4-6	7-8	4000	1021.1	0	NNE	6	C	41	75	8	3	6	-	4-6	7-8	2500	0	4	cphc	cph c	ph.c	cprc
	Catterick ...	1023.2	-6	NEN	4	bc	45	45	8	8	-	-	4-6	4-6	1500	1023.0	+2	NNE	3	bc	41	55	8	4	-	-	4-6	4-6	4000	0	*	bccps	bcy	bcx	bccph.
	Tynemouth ...	1024.2	0	NE	4	bc	44	85	8	8	-	-	4-6	4-6	2500	1023.5	-4	NE	4	bc	42	55	8	9	-	-	4-6	4-6	1500	1	2	bcqps	bcq	bccoq	oc
11	Inchkeith ...	1026.0	+4	ENE	4	bc	45	65	8	8	-	-	4-6	4-6	2500	1025.8	-8	ENE	4	C	42	75	8	8	-	-	7-8	7-8	2500	0	3	bccps	bcc	c	c
12	Leuchars ...	1026.5	-6	NE	3	cjp	42	65	8	9	-	-	9	9	1500	1026.5	-6	NE	3	C	42	65	8	7	-	-	9	9	1500	0	*	cph.psy	cbccy	c	cpgc
	Renfrew (Abbotsl.)	1026.7	-6	NE	4	C	43	65	8	8	3	-	9	9+	2500	1025.6	-6	ENE	4	C	44	55	8	8	3	-	7-8	9	2500	0	*	bccps	cpcqy	cbc	bcc
	Eskdalemuir ...	1025.1	0	ENE	5	C	39	65	8	8	-	-	9	9	1500	1024.5	0	NE	4	C	39	55	9	5	-	-	7-8	7-8	2500	1	*	cps	cy	cybcc	ccps.
13a	Tiree	1028.4	-10	NEN	4	C	45	55	9	5	5	-	9	9+	2500.	1026.7	-10	NNE	4	C	45	55	9	5	5	-	9	9+	2500	0	3	bbcc.	cbcc	c	c
13b	Stornoway ...	1029.1	-4	ENE	3	C	44	85	8	8	7	1	4-6	7-8	1500	1027.4	-4	NE	4	C	40	95	8	8	7	-	4-6	9	1500	1	2	cphrs	cbc	cp.hr	ephr.
15	Dalwhinnie ...	1027.5	-6	NE	4	C	39	65	8	4	-	-	7-8	7-8	2500	1027.1	-2	NE	4	C	36	75	8	4	-	-	7-8	7-8	2500	1		iso	iso	*	iso
	Aberdeen ...	1027.3	0	NEN	4	C	43	55	8	8	-	-	7-8	7-8	4000	1026.0	-6	NNE	3	C	41	65	8	8	-	-	9	9	2500	1	3	cp psh y	cyc	c	epr
	Wick	1029.2	-4	NE	5	C/phr	43	65	8	8	7	8	4-6	9	1500	1028.4	-6	NE	5	C	41	75	8	8	1	-	7-8	9+	1500	1	3	cprsh	c	cprc	eprc
16	Lerwick ...	1029.0	-4	NE	5	C	42	65	8	8	2	-	4-6	9	1500	1027.9	-8	NNE	5	C	41	65	8	5	2	-	4-6	10	1500	0	*	cphr	c	c	cpr.
17	Blacksod Point	1025.5	-10	E	5	bc	48	65	9	-	4	-	0	4-6	-	1023.2	-6	E	6	bc	46	65	8	2	-	-	4-6	4-6	1500	0	4	bcq	bcq	bcq	b
18	Malin Head ...	1027.1	-4	NE	4	bc	46	75	8	4	9	-	2-3	4-6	2500	1025.3	-8	EN	3	bc	43	75	8	7	-	-	4-6	4-6	2500	0	1	bc	cpr.	c	c
	Aldergrove ...	1025.9	-10	NE	5	C	44	45	8	8	-	1	7-8	7-8	4000	1024.4	-4	ENE	2	C/pr	40	75	8	8	-	-	9	9	2500	0	*	bcbcyv	cps bcy	cb	bxc
	Donaghadee ...	1025.5	-8	NNE	4	C/d	43	65	8	5	-	-	7-8	7-8	1500	1023.7	-6	NNE	2	C	44	65	8	5	-	-	7-8	7-8	1500	0	1	bbcd.	cphrc	bccq	c
19	Birr Castle ...	1023.4	-8	E	3	C	49	45	8	8	-	-	9	9	2500	1021.7	-4	ENE	3	bc	45	55	8	8	-	-	2-3	2-3	2500	0	*	bcy	cbcy	bcb	bbccx
20	Valentia Obsy.	1021.1	-2	ESE	4	C	49	95	8	5	-	-	9	9	4000	1019.7	-10	EN	4	bc	46	55	8	8	-	-	4-6	4-6	4000	0	2	cy	cbcy	bcyb	bbc
	Roches Point...	1021.8	-4	EN	4	bc	47	45	9	8	-	-	2-3	2-3	2500	1019.7	-14	EN	4	bc	46	45	9	8	-	-	2-3	2-3	2500	0	3	bcvy	bcvy	bcvyb	bcp.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_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.*

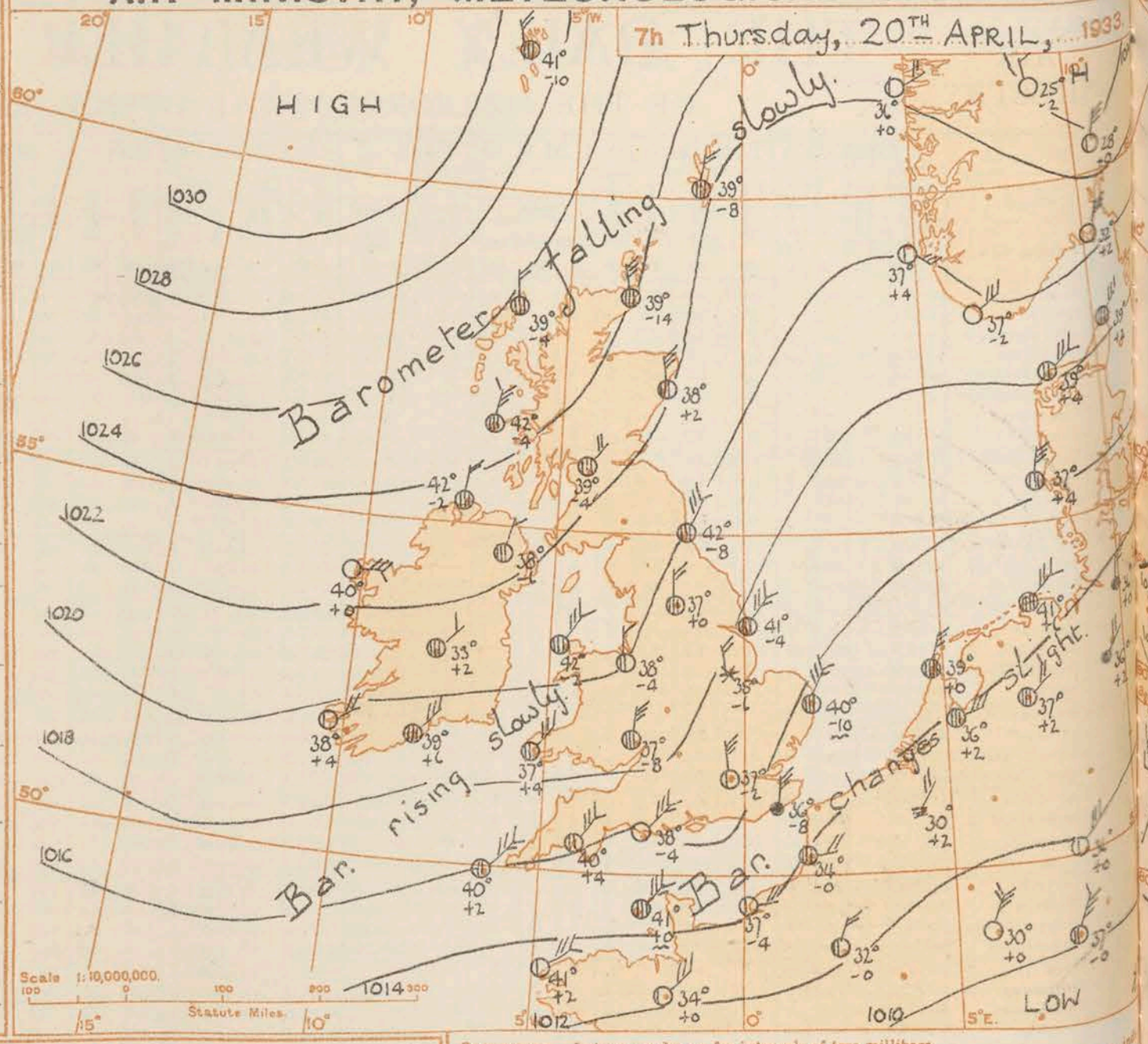
REPORTS from HEALTH RESORTS for Wed. 19th April 1933.

Districts.	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.	bccps	cbcb	29	45	-	Trace	8·1	8·5
	Bournemouth	b	bbc	29	49	-	-	8·1	1·4
	Ventnor ...	xb	bcps$_6$	33	50	-	Trace	9·3	2·9
	Southsea ...	b	bccrs	32	49	-	1	8·6	2·8
	Bognor Regis	bbc	cirs$_6$	33	47	-	Trace	6·6	4·0
	Littlehampton	bc	bcpbc	31	42	-	0·1	6·1	4·5
	Worthing ...	bbc	bcp	32	46	-	Trace	8·0	5·1
	Brighton ...	bcrs	cpcbc	33	45	-	1	5·9	5·7
	Eastbourne†	bc	bccbc	32	45	-	-	9·1	4·7
	Hastings† ...	cops$_6$c	cbcop$_6$bc	32	44	0·2	0·4	6·3	7·6
	Folkestone ...	bcsbc	pbc	33	45	2	Trace	8·0	9·7
	Dover... ...	csbcps	bcy	34	49	5	Trace	9·4	10·0
	Deal	hcbc	bcpb	33	46	2	0·3	8·6	9·8
	Ramsgate ...	sbcp	bc	34	45	2	Trace	9·0	10·5
	Margate ...	bc	ph$_1$bc	35	44	1	Trace	9·2	11·2
2	Southend ...	bcbc	cyhbc	30	44	Trace	Trace	6·5	4·7
	Maldon ...	xbcrs	crsb	33	45	-	2	8·1	3·0
	Clacton-on-Sea	bc	bc	31	45	-	-	10·0	8·0
	Dovercourt ...	xbcv	rsbcv	32	45	-	Trace	9·8	7·2
	Lowestoft ...	bc	bcpbc	31	46	Trace	1	11·0	10·4
	Skegness ...	b	bcom$_1$h	32	45	0·6	Trace	9·9	9·8
	Mablethorpe	bcv	bcv	33	45	1	-	8·9	8·8
	Cleethorpes...	bcs$_6$c	cbc	34	46	0·2	Trace	10·4	9·1
3	Leamington S.	cbcc	cpsbc	31	45	-	Trace	6·4	3·1
4	Cheltenham†	bccs$_6$	cbcb	29	47	-	Trace	8·9	1·9
5	Bath	bbc	bcps$_6$	30	49	-	Trace	9·0	2·1
	Weymouth ...	bc	cbc	33	49	-	-	8·2	1·3
	Jersey ...	bcpcb	bcb	40	49	-	0·6	9·5	0·7
	Torquay ...	by	bbcy	35	49	-	-	10·4	1·7
	Penzance ...	bc	cb·oc	35	48	-	-	5·5	0·2
	St. Ives ...	b	c	38	46	-	-	4·6	1·2
	Bude	bbc	bc	33	48	-	-	10·1	3·0
	Ilfracombe ...	b	b	38	47	-	-	9·6	1·6
6	Aberystwyth	cbcb	bbc	31	47	-	-	8·0	4·1
7	Llandudno ...	bc	bc	39	47	-	-	8·5	7·6
	Colwyn Bay...	bcb	bccbc	37	44	-	-	8·3	6·0
	Rhyl	bc	bcrsc	36	46	-	Trace	8·0	4·0
8	Wallasey ...	bbccps	bcpcbc	33	47	-	Trace	7·3	4·5
	Southport‖ ...	bbc	bccp$_1$bc	31	48	-	0·3	7·2	5·3
	Blackpool ...	bc	cphsc	31	46	-	0·4	7·8	3·3
	Morecambe ...								
9	Ilkley... ...	bcps	bcc	30	45	Trace	Trace	6·3	4·8
10	Berwick on-T.	bc	c	33	44	1	-	9·7	8·3
11	Dunbar ...	sbcph	bc	34	44	5	-	8·3	9·6
12	Troon... ...	xcsrs	crsc	32	46	-	Trace	7·4	11·2
	Douglas ...	xcbbc	cbcd$_1$hcb	34	46	-	Trace	10·0	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 Thursday, 20TH APRIL, 1933.



Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 20th April, 1933
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate northerly wind; cloudy, bright intervals, occasional wintry showers; cold, ground frost at many places at night.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Moderate northeast wind; mainly fair, but a few scattered wintry showers; cold, ground frost at many places at night.
9. N Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	As 1 - 4.
13. { A. W Scotld. / B. N.W. Scotland	Light or moderate north to northwest wind; cloudy, some showers; becoming less cold.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	As 1 - 4.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 5 - 8.

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

GENERAL INFERENCE.

An anticyclone centred south of Iceland is moving slowly west and decreasing in intensity. There will be further wintry showers especially in eastern districts.

Temperature will be slightly higher tomorrow.

FURTHER OUTLOOK.

Somewhat less cold; local showers, chiefly near East Coast.

Forecasts issued at 0910 G.M.T.

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

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

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

Morning of
Thursday
20th April.
1933.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

MANCHESTER. 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, 20th APRIL 1933.

No. 26082

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

District.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1017·7	-10	NNE	3	b/f	34	85	7	-	S	-	0	Tr.	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8														
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1016·5	-10	N'E	4	prs	35	85	9	9	-	-	4-6	4-6	1500
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	14	1017·6	-8	NNE	5	ph	39	95	6	9	-	-	7-8	7-8	2500
	Cranwell	240														
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1017·0	-2	NE	4	b	36	95	7	-	-	-	0	0	-
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	222	1015·7	-2	NE	4	bc	39	75	8	2	-	-	4-6	4-6	4000
	Scilly (St. Mary's)	163	1015·7	-8	ENE	5	bc	41	75	7	2	-	-	2-3	2-3	4000
	Guernsey	175	1015·7	-10	ENE	3	bc	42	65	9	8	-	-	4-6	4-6	2500
6	Pembroke	142	1018·7	0	ENE	3	b	36	75	7	5	-	-	1	1	4000
7	Holyhead	26	1021·4	0	~~ENE~~ E	3	b	39	75	6	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1018·5	-8	NNE	5	bc	41	75	8	3	7	-	4-6	4-6	4000
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	67	1021·4	-18	NNE	4	o	41	55	8	6	-	-	10	10	1500
11	Inchkeith	190	1024·4	-4	NNE	4	c	39	75	8	5	-	-	10	10	4000
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts D	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13b	Stornoway	34	1026·3	-10	NE	3	c	40	95	8	8	7	-	7-8	9+	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1025·9	-10	N	5	c	40	85	8	8	1	-	4-6	7-8	1500
16	Lerwick	54	1025·5	-8	N'E	3	c	39	75	9	5	-	-	7-8	7-8	1500
17	Blacksod Point	18	1023·0	-2	E	5	bc	41	95	8	2	-	-	4-6	4-6	1500
18	Malin Head	52	1014·4	-4	E	2	c	43	85	8	4	1	-	9	9+	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1018·6	-10	SE	2	b	37	75	8	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1015·8	-10	N'E	4	bc	38	75	6	8	3	-	4-6	4-6	2500	0	*
1016·4	-2	N	3	b	37	75	5	-	3	-	0	1	-	0	*
1016·3	-6	NNE	1	c	32	95	6	5	3	-	4-6	7-8	4000	4	*
1015·5	-4	N	3	bc	34	85	7	5	4	-	4-6	4-6	5700	0	*
1016·6	-4	N	3	b	32	95	6	5	-	-	1	1	4000	0	*
1015·9	-2	NNE	4	b	34	85	8	5	4	-	Tr	1	4000	0	1
*	*	N	2	pr	*	*	7	9	6	*	4-6	7-8	1500	*	2
1014·8	-8	N	3	pr.	36	95	7	9	-	-	9+	9+	800	1	*
1015·4	-8	NNE	3	c	38	85	8	6	7	-	4-6	7-8	2500	0	*
1015·5	-4	N	3	c/ps	37	95	8	7	1	-	7-8	9	1500	0	1
1015·3	-10	NE'E	5	c	40	85	6	8	-	-	9	9	2500	0	4
1018·0	-6	NNE	2	is.	35	85	7	5	-	-	10	10	2500	0	*
1018·6	-4	N	3	c	35	75	6	5	-	-	9	9	4000	0	*
1017·6	-4	N	3	s.s.	35	85	6	5	2	-	9	9+	4000	0	*
1018·5	-8	NNE	3	c	37	65	6	5	-	-	9	9	4000	0	*
1015·7	-4	NE	5	b	38	85	8	-	-	-	0	0	-	0	3
1016·5	+2	NE	3	b	38	65	8	2	-	1	1	1	4000	0	1
1015·5	+4	NE	4	bc	40	75	8	2	-	-	4-6	4-6	2500	0	3
1015·3	+2	ENE	5	bc	40	85	7	2	-	-	2-3	2-3	4000	0	3
1014·4	0	NE	5	c	41	85	8	8	-	-	7-8	7-8	2500	1	4
1018·3	+4	NE	3	bc	37	75	7	5	4	-	2-3	4-6	4000	0	1
1020·3	-2	NE	4	c/ph	42	65	~~89~~	4	-	-	7-8	7-8	4000	0	2
1020·1	-4	N	1	bc	38	75	6	8	-	-	2-3	2-3	4000	0	*
1020·2	-2	NNE	2	bc	37	65	7	5	5	-	4-6	4-6	1500	0	*
1019·6	0	N	2	c	37	85	7	6	2	-	7-8	9+	2500	0	*
1017·3	-4	NE	5	c	41	75	8	3	7	-	4-6	7-8	4000	0	3
1020·0	-8	NNE	3	ph.	38	75	7	8	-	-	10	10	2500	0	*
1019·3	-8	NE	4	c	42	55	8	6	-	-	9	9	1500	1	3
1021·4	-6	N	4	c	39	85	8	5	-	-	10	10	4000	0	3
1022·1	-4	N	3	c/pr.	38	85	8	7	-	-	9+	9+	2500	0	*
1023·0	-4	NE'N	2	c	39	75	9	8	-	-	10	10	4000	0	*
1021·3	-8	NNE	4	c/ps.	37	85	8	8	-	-	7-8	7-8	1500	1	*
1024·7	-4	NNE	4	c	42	65	9	5	-	-	9+	9+	2500	0	3
1024·7	-4	N	2	c	39	95	8	8	7	-	4-6	10	1500	1	1
1024·5	-8	NE	4	is.	34	85	7	3	2	-	7-8	10	800	6	*
1022·4	-2	NNW	3	c	38	85	8	8	-	-	9+	9+	2500	1	2
1024·4	-14	NNW	3	c	39	85	8	5	1	-	7-8	10	2500	1	3
1022·9	-8	N'E	2	c	39	95	8	8	-	-	7-8	7-8	1500	0	*
1023·4	0	E	4	b	40	85	8	-	-	-	0	0	-	0	3
1023·5	-2	NNE	2	c	42	75	8	5	-	-	9+	9+	2500	0	1
1023·2	-6	N'E	1	c	38	75	9	5	-	-	9+	9+	4000	0	*
1022·5	-6	N'E	3	c	41	65	8	5	-	-	9	9	1500	0	2
1021·2	+2	NE	1	c	33	95	8	5	-	-	9+	9+	2500	0	*
1019·3	+4	ENE	2	b	38	75	8	1	4	-	Tr	1	4000	0	2
1018·8	+6	NE	3	c	39	75	8	3	-	-	7-8	7-8	1500	0	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 19th Hrs. (36)
46	32	22	0·1	Tr	3·5
47	33	27	0·2	Tr	8·1
47	33	25	2	Tr	6·9
47	25	14	Tr.	Tr	10·3
46	28	23	Tr.	-	5·8
46	27	22	Tr.	Tr	9·2
50	32	28	Tr.	-	*
45	31	*	2	2	7·0
43	32	28	3	2	*
48	30	29	Tr.	-	10·9
45	32	31	0·4	1	8·8
46	37	36	0·1	0·1	~~1·6~~ 7·5
47	32	30	0·1	0·2	*
44	31	24	Tr.	-	7·0
46	31	28	Tr.	Tr	*
46	31	20	Tr.	-	10·5
47	34	*	-	-	*
47	34	30	Tr.	-	10·1
48	39	*	-	-	*
48	39	*	0·3	Tr	6·6
47	38	34	Tr.	1	9·4
49	34	*	-	-	7·6
45	39	34	Tr.	Tr	11·5
47	28	22	Tr.	Tr	7·2
43	36	32	0·2	-	6·7
45	32	26	1	Tr	5·8
48	31	*	Tr.	0·2	10·5
45	35	29	1	Tr	8·2
44	40	37	2	-	*
47	38	36	0·4	-	5·6
46	37	35	1	Tr	4·0
46	36	33	Tr.	-	5·7
44	34	31	0·4	Tr	6·6
42	41	39	-	-	7·9
47	37	*	0·1	0·5	~~3·2~~ 3·0
40	32	28	1	1	0·7
44	35	34	2	1	*
43	37	*	1	0·1	10
42	39	*	Tr.	1	*
48	39	*	-	-	10·5
46	40	*	Tr.	-	10·0
46	32	21	Tr.	-	*
45	40	*	0·2	-	*
49	30	19	-	-	12·1
50	35	32	-	-	4·2
49	36	*	-	Tr	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations, except Greenwich & Hampstead rainfall, 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.			Yesterday.	To-day.	
Kew	18	bbcy	bcprs bcpsf	bcfc cbxm	46	32	22	0·1	Tr	9·3	*	*	6
Croydon	217	bbc3.	qrssm	bcrsfc	47	33	27	0·2	Tr	8·1	*	*	6
Greenwich (Royal Observatory)	149	bcy	bcrsfc	bcp bxc	49	33	25	2	Tr	8·0	57	72	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	7·6	*	*	*
Westminster (St. James' Park)	27	*	*	*	48	35	29	*	*	7·9	56	66	*
†Regents Pk. (Botanic Gardens)	168	*	*	*	48	32	26	Tr	-	7·5	39	78	*
Camden Square	110	bc	bccpsbc	*	48	33	26	Tr	-	*	*	74	*
Kensington	80	xbc	bccorsbc	*	48	33	25	Tr	-	8·4	At 18h.	70	*
Hampstead Observatory	450	bcp	bcf	bc	46	31	25	0·2	-	8·7	69	86	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
1·0	21h 19th	Nil.	1–6h 20th

Kew Observatory. Max.	Time.	Min.	Time.
0·6	19h 19th	<0·1	13h 19th

FOREIGN OBSERVATIONS.

18h. G.M.T. 19th April — 7h. G.M.T. 20th April

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.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1014·2	NNE	4	b	46	1012·6	NNE	2	bc	32	48	28	-	-
Brussels	1016·0	NNE	2	pr	36	1013·5	NE	2	f	30	45		1	
Berlin	1012·9	NW	1	c	39	1010·8	NE'N	2	c. r.	36	43	34	-	3
Zürich	1010·3	ENE	2	c	39	1007·0	N	1	c	36	50	34	0·4	Tr
Rome	998·1	W	2	c	61	1003·3	S	2	c	59	72	50	Tr	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 21st April 1933.

No. 26.083

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

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)...	1014·9	-10	N	3	pr	42	85	6	9	-	-	7-8	7-8	2500
	Croydon ...	1014·6	-8	NE	3	c/pr	45	75	6	9	3	-	7-8	9	1500
	S. Farnborough	1014·7	-6	NE	2	bc	43	65	7	8	-	-	4-6	4-6	2500
	Winchester ...	1014·5	-10	NNE	4	c/pr	45	65	8	8	-	-	7-8	7-8	2500
	Boscombe Down	1015·1	-10	NEN	4	c	44	65	8	8	-	-	9+	9+	2500
	Calshot, S'thmtn	1014·4	-10	N	3	c/pr	45	65	7	8	-	-	9+	9+	2500
	Dungeness ...	*	*	NE	3	pr	*	*	7	9	-	*	7-8	7-8	1500
	Lympne ...	1014·3	-2	NE	3	c/ph(r)	42	75	9	8	3	-	9	9	1500
2	Shoeburyness	1014·5	-4	ENE	3	c/p	47	75	7	8	3	3	4-6	7-8	2500
	Felixstowe ...	1015·0	-2	NEE	4	bc	46	75	8	2	-	9	4-6	4-6	2500
	Gorleston ...	1015·2	-2	NE	4	c	45	85	7	8	-	-	7-8	7-8	2500
	Cranwell ...	1016·8	-6	NE	4	c	45	55	8	5	2	-	9	10	4000
3	Birmingham ...	1016·8	-4	NE	3	c	44	55	6	8	3	-	7-8	9+	2500
	Upper Heyford	1016·0	-8	NE	4	c/ps	45	65	8	8	-	-	7-8	7-8	2500
4	Ross-on-Wye ...	1016·5	-8	NEN	3	c	45	45	6	5	-	-	10	10	2500
5	Portland Bill...	1014·8	-4	NE	5	c	42	85	8	8	4	-	7-8	10	1500
	Plymouth ...	1015·5	-6	NNE	4	c	44	55	8	8	-	-	9	9	4000
	The Lizard ...	1015·2	0	NE	4	bc	47	55	9	7	-	-	2·3	2·3	2500
	Scilly (St. Mary's)	1016·1	+2	NE	4	bc	45	75	8	8	-	-	4-6	4-6	2500
	Guernsey ...	1013·9	-2	NE	4	bc	46	65	8	8	-	-	4-6	4-6	2500
6	Pembroke ...	1018·2	-6	NNE	3	c	43	55	7	5	7	-	7-8	7-8	2500
7	Holyhead ...	1019·1	-6	N'E	3	pr.	42	75	8	3	-	-	9	9	1500
	Chester (Sealand)	1018·3	-10	NW	3	c/pr	46	55	6	8	-	-	7-8	7-8	4000
8	L'pool (Bidston)	1018·2	-6	NNW	3	c	42	55	7	3	-	-	9	9	1500
9	Harrogate ...	1017·8	-6	E	2	c	45	45	9	8	-	-	9+	9+	4000
10	Spurn Head ...	1017·0	0	NE	5	c	48	95	8	2	3	-	4-6	7-8	4000
	Catterick ...	1018·4	-6	NE	2	c/ph(r)	44	55	8	9	6	-	9	9	2500
	Tynemouth ...	1019·0	0	NNE	4	bc	45	65	8	2	-	-	4-6	4-6	2500
11	Inchkeith ...	1020·8	-6	NE	5	c	44	75	8	8	-	-	9+	9+	4000
12	Leuchars ...	1020·9	-6	NE	3	c/p	45	65	8	9	3	1	4-6	9	1500
	Renfrew (Abbotts l)	1021·1	-12	NE	4	c	46	45	8	8	-	-	9+	9+	4000
	Eskdalemuir ...	10200	-6	NNE	5	c/ps	38	85	7	5	-	-	9+	9+	1500
13A	Tiree	1023·5	-8	N'E	4	c	47	55	9	5	3	-	2-3	7-8	2500
13B	Stornoway ...	10220	-14	NE	4	pr	47	95	8	9	7	-	4-6	10	1500
15	Dalwhinnie ...	1022·5	-8	NE	3	c	40	65	8	4	2	-	7-8	10	2500
	Aberdeen ...	1021·3	-4	NE	4	c/p	42	75	8	8	-	-	7-8	7-8	4000
	Wick	1022·5	-4	NE	3	bc	43	85	8	8	1	-	4-6	4-6	2500
16	Lerwick ...	1022·8	-2	NE	3	c	43	75	8	8	7	-	4-6	7-8	1500
17	Blacksod Point	1022·7	-6	E	4	bc	46	65	9	^	8	-	0	4-6	-
18	Malin Head ...	1022·3	-8	NE	2	c	45	85	8	5	1	-	9	9+	2500
	Aldergrove ...	1021·4	-6	NEN	3	bc	45	55	8	2	3	1	4-6	4-6	2500
	Donaghadee ...	1021·5	-4	NE	4	c	44	65	8	9	-	-	7-8	7-8	1500
19	Birr Castle ...	1020·5	-10	NE	2	c	47	45	8	5	-	-	9+	9+	2500
20	Valentia Obsy.	1019·6	+2	NEE	4	c	46	55	8	7	-	-	9	9	4000
	Roches Point...	1019·3	+4	EN	4	c	41	85	8	3	-	-	7-8	7-8	1500

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

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)...	1015·0	+2	NNE	3	pr	41	85	6	5	3	-	7-8	9+	2500	1	*
	Croydon ...	1014·8	+2	NE	3	ir.	42	75	5	9	3	-	9	9+	1500	1	*
	S. Farnborough	1014·9	+2	NNE	2	c/p	41	85	7	5	-	-	9+	9+	2500	1	*
	Winchester ...	1014·8	+4	N'E	3	pr.	41	85	7	5	3	-	9	9+	2500	0	*
	Boscombe Down	1014·9	+4	NNE	3	c	40	85	8	8	-	-	9+	9+	4000	0	*
	Calshot, S'thmtn	1014·1	0	N	3	c/p	44	75	7	8	-	-	7-8	7-8	2500	0	2
	Dungeness ...	*	*	NE	4	c	*	*	7	9	-	*	9+	9+	1500	*	3
	Lympne ...	1014·6	+6	NEN	3	bc/pr	37	75	9	8	3	-	2-3	4-6	2500	1	*
2	Shoeburyness	1014·7	+2	ENE	3	c	43	75	8	8	3	-	4-6	7-8	2500	0	*
	Felixstowe ...	1016·0	+2	NE	4	c/p	43	75	8	9	3	-	7-8	7-8	2500	0	2
	Gorleston ...	1015·4	+6	NE	5	c	44	75	7	9	3	-	7-8	9	2500	0	3
	Cranwell ...	1017·0	+4	NE	3	c	41	75	8	8	3	-	7-8	9	4000	0	*
3	Birmingham ...	1016·5	0	NE	3	c	43	55	6	5	-	-	9	9	2500	0	*
	Upper Heyford	1016·9	+6	NE	3	c	42	65	8	8	7	-	7-8	9+	2500	0	*
4	Ross-on-Wye ...	1016·2	-4	ENE	3	c	43	55	7	5	-	-	9+	9+	4000	0	*
5	Portland Bill...	1014·3	-4	ENE	4	c	44	85	8	8	-	-	10	10	1500	0	3
	Plymouth ...	1015·0	-2	NNE	4	bc	45	55	8	8	6	-	2-3	2-3	4000	0	1
	The Lizard ...	1016·2	0	NE	3	c	44	55	8	8	4	-	7-8	7-8	2500	0	2
	Scilly (St. Mary's)	1015·8	0	NE	4	c	44	65	8	2	3	-	4-6	7-8	4000	0	3
	Guernsey ...	1013·6	0	NE	3	bc	44	85	8	8	-	-	4-6	4-6	2500	0	3
6	Pembroke ...	1016·0	-12	NNE	3	c	45	55	8	-	7	8	0	9+	-	0	1
7	Holyhead ...	1018·1	-6	NNE	4	bc	43	75	8	2	6	-	1	4-6	2500	0	2
	Chester (Sealand)	1017·6	-6	NNW	2	c	44	65	6	5	-	-	9	9	4000	0	*
8	L'pool (Bidston)	1017·6	-4	N	3	c/p	43	65	8	9	1	-	7-8	9	1500	0	*
9	Harrogate ...	1018·4	0	ENE	2	c	42	55	9	8	-	-	9+	9+	4000	0	*
10	Spurn Head ...	1016·8	0	ENE	4	c	42	75	8	3	3	-	2-3	7-8	4000	0	3
	Catterick ...	1018·4	+2	NEN	2	bc	42	55	8	4	-	-	2-3	2-3	4000	0	*
	Tynemouth ...	1019·0	+2	NNE	2	bc	43	65	8	2	-	-	4-6	4-6	2500	0	1
11	Inchkeith ...	1021·0	-4	NE	3	c	43	75	8	8	3	-	4-6	7-8	4000	0	3
12	Leuchars ...	1020·7	-2	NE	3	c	42	65	8	8	-	-	9	9	4000	0	*
	Renfrew (Abbotts l)	1020·3	-6	NEE	3	c	44	65	7	8	-	-	10	10	4000	1	*
	Eskdalemuir ...	1019·5	0	NE	3	bc	41	55	9	5	-	-	4-6	4-6	4000	1	*
13A	Tiree	1021·4	-14	N'W	3	bc	45	65	9	5	3	8	2-3	2-3	2500	0	3
13B	Stornoway ...	1021·1	0	NE	4	c	44	95	8	8	6	-	4-6	7-8	1500	1	2
15	Dalwhinnie ...	1022·1	-4	NE	3	c	40	75	8	4	2	-	4-6	7-8	2500	1	*
	Aberdeen ...	1021·0	-2	NNE	3	c	42	75	7	8	-	-	9+	9+	4000	1	2
	Wick	1022·2	-4	NE	3	bc	42	75	8	8	7	2	4-6	4-6	2500	1	3
16	Lerwick ...	1022·1	-6	NE	3	pr.	43	75	8	5	7	-	4-6	7-8	1500	1	*
17	Blacksod Point	1021·8	-2	NE	4	c	44	85	9	-	7	-	0	10	-	0	4
18	Malin Head ...	1020·9	-8	N'E	4	c	45	85	8	5	7	-	7-8	9+	2500	0	1
	Aldergrove ...	1020·2	-2	N'E	3	c	44	55	9	8	3	4	2-3	2-3	2500	0	*
	Donaghadee ...	1020·5	-4	NE	2	pr.	42	75	8	9	-	-	7-8	7-8	1500	1	1
19	Birr Castle ...	1019·8	-4	NE	1	pr.	44	55	8	3	-	-	7-8	7-8	2500	1	*
20	Valentia Obsy.	1019·5	+2	NEE	3	c	46	55	8	5	-	-	9+	9+	4000	0	1
	Roches Point...	1018·4	-4	EN	3	c	41	85	8	3	-	-	7-8	7-8	2500	0	3

PAST 24 HOURS. WEATHER.

District	Stations.	7h.–13h. 20th (37)	13h.–18h. 20th (38)	18h. 20th to 1h. 21st (39)	1h.–7h. 21st (40)
1	London (Kew)...	cprhcpr	cprshq	cp.cm.	bc bcm.
	Croydon ...	crm3.	cphric	cr.fmcm.	cbcm.w
	S. Farnborough	cprsbc	bccprsc	cpr.c	cbc
	Winchester ...	bcprcpr	bccpr.	cis.bbcc	cbc
	Boscombe Down	bm.c	cprcphpr	cb	bbcc
	Calshot, S'thmtn	bcpr.	cprsq		bwbc
	Dungeness ...	p	bc		p
	Lympne ...	phrprs	cprbcV	cphr	crrc
2	Shoeburyness	cps.prc	bcc	c	cbcc
	Felixstowe ...	cphrscbc	bcph.pr	bc	bccp.
	Gorleston ...	cbcprs.	cbcq	cph.q	bcqY
	Cranwell ...	c	cy prh	cprhb	bx
3	Birmingham ...	c	c	cb	bx
	Upper Heyford	cpr.prs.	pr.s.	cb.c	cbbc
4	Ross-on-Wye ...	c	cybccy	cbc	c
5	Portland Bill...	bc ir.c	cir.c	c	ocbc
	Plymouth ...	bbcvcy	cybc	bcy	bcc
	The Lizard ...	cby	bccy	c	c
	Scilly (St. Mary's)	bc	bcc	c	c
	Guernsey ...	cp.bc	bc	bcc	cph
6	Pembroke ...	cbccy	cy	cbcb	cbc
7	Holyhead ...	pr.qc	cjp bc	bcom.	obc3.
	Chester (Sealand)	bccpr.	cybrc	cbcm.	bmxbc
8	L'pool (Bidston)	bccyc	ycvgc	cycx	bc wm
9	Harrogate ...	c	c	c	cbcphr
10	Spurn Head ...	bc	cphr	cphbc	cccid
	Catterick ...	cph.	cybcy	bybx	bcxbc
	Tynemouth ...	cprh.bcq	bc	bc	bc
11	Inchkeith ...	cpr.	c	coir.	cid.
12	Renfrew (Abbotts l)	cprhpr.	cjpc	c	cw
	Eskdalemuir ...	cvpr.c	cyc	c	cbcwm.
13A	Tiree	cjps	cpcsbcy	bcbx	bx
13B	Stornoway ...	cbccbc	cbc	bcprb	c
15	Dalwhinnie ...	cpr	cpr	c	c
	Aberdeen ...	c	cs bc	*	c
	Wick	cprhc	cjpc	c	c
16	Lerwick ...	cbc	bc pr	cprbc	bcpr
17	Blacksod Point	c	cprs	cpr	cpr
18	Malin Head ...	bcq	cq	cbc	bbc
	Aldergrove ...	c	c	c	epr.
	Donaghadee ...	cph.	bcyv	bcyvb	bbx
19	Birr Castle ...	c	cprs	pr.bc	bc
20	Valentia Obsy.	cy	cpr.	cbc	bccx
	Roches Point...	cphc	cphc	cphbcw	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.
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, or 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.*

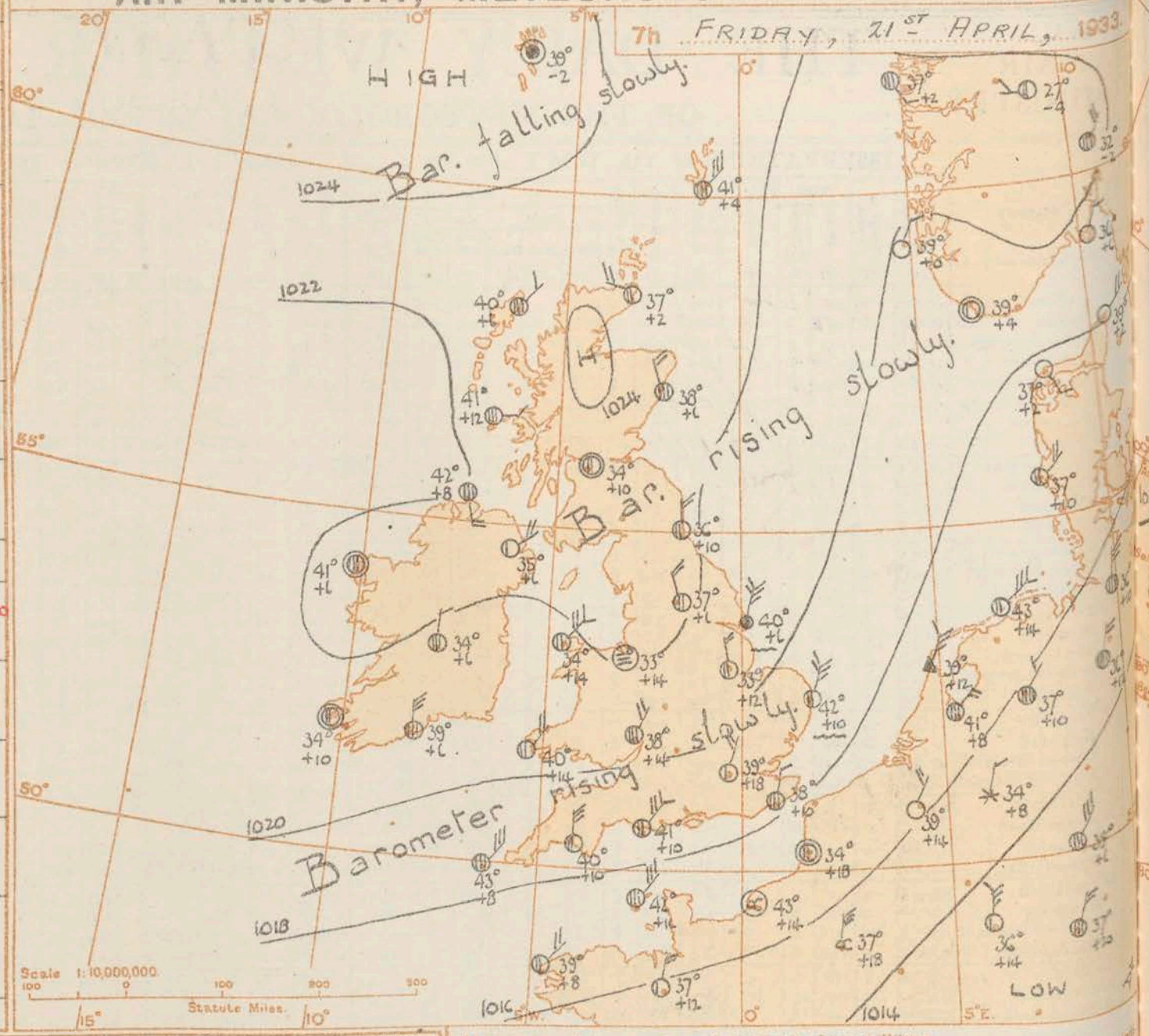
REPORTS from HEALTH RESORTS for 20th April 1933.

District	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.	cpr's	orhbc	30	48	0·5	2	8·2	9·1
	Bournemouth	bc	cd	29	50	0·3	Trace	4·8	9·3
	Ventnor ...	berxb	bepo	39	49	2	0·3	8·1	9·3
	Southsea ...	bbcco	rc	32	49	-	1	5·9	8·6
	Bognor Regis	bbcc	coirs	33	47	0·3	1	6·8	6·6
	Littlehampton	bc	bcp	30	47	2	2	~~5·0~~ 4·8	6·3
	Worthing ...	bbcc	cp	32	46	-	1	7·0	8·6
	Brighton ...	bcpc	c	33	47	Trace	1	5·5	6·0
	Eastbourne†	cp°cbc	bcephc°	33	46	-	Trace	6·7	9·9
	Hastings† ...	cph°c	cbcchc	33	48	0·4	2	5·8	7·6
	Folkestone ...	bcp	bcp	35	46	5	0·5	5·4	9·1
	Dover... ...	bccph	cbcpc	36	50	7	Trace	6·0	10·4
	Deal	cbco	bcp	37	49	18	Trace	5·2	9·0
	Ramsgate ...	pc	bcp	36	45	3	1	5·1	10·0
	Margate ...	cpbc	hcpbc	37	44	1	0·5	4·6	10·8
2	Southend ...	cprs	bcc	32	46	Trace	1	5·9	7·8
	Maldon ...	bccrc	irc	34	46	-	1	2·9	8·9
	Clacton-on-Sea	cpbc	bc	34	47	0·3	-	6·3	10·9
	Dovercourt ...	ochq	bcrsqbc	34	46	Trace	1	6·4	10·5
	Lowestoft ...	cbc	bcc	36	45	1	-	5·2	12·0
	Skegness ...	robcm°	bcox	37	44	2	1	2·5	10·0
	Mablethorpe	cv	corv	37	45	-	0·5	1·8	9·6
	Cleethorpes...	bc	cpc	39	46	Trace	Trace	4·2	11·2
3	Leamington S.	c	c	34	47	-	-	0·3	7·9
4	Cheltenham†	om°c	cbcc	31	48	Trace	-	1·0	9·6
5	Bath	c	cbcp°	29	49	-	0·3	3·3	10·5
	Weymouth ...	bbcc	cbc	32	49	-	-	5·7	~~9·0~~
	Jersey ...	rqcbc	rqcbc	38	48	Trace	0·5	6·6	11·0
	Torquay ...	pby	bocbcy	33	47	0·2	-	6·5	10·7
	Penzance ...	bcoc	bc	38	48	-	-	5·6	5·5
	St. Ives ...	b	c	37	47	-	-	7·1	4·6
	Bude	cbc	bc	31	47	-	-	4·7	11·2
	Ilfracombe ...	cbc	cbcb	38	48	-	-	4·2	10·1
6	Aberystwyth	bc	bcc	34	47	-	-	3·5	8·8
7	Llandudno ...	cbc	bcc	35	47	-	-	4·6	8·5
	Colwyn Bay...	bchbc	bccbc	32	46	-	Trace	5·1	8·5
	Rhyl	bcc	cbcc	35	46	-	-	2·8	8·0
8	Wallasey ...	bccbc	bccbc	34	47	-	-	4·7	8·0
	Southport‖ ...	cbc	bcco	30	48	-	-	1·7	7·5
	Blackpool ...	c	cpc	32	46	-	0·1	1·6	9·0
	Morecambe ...	cbcph	cbbc	34	48	-	Trace	3·5	10·4
9	Ilkley... ...	cbc	bcc	33	47	Trace	-	1·6	6·5
10	Berwick-on-T.	oc	bc	38	45	Trace	-	5·4	10·3
11	Dunbar ...	cph	bc	35	44	1	-	4·0	9·3
12	Troon... ...	kor°	cro	36	47	-	Trace	0·8	7·4
	Douglas ...	xcb	gb	35	47	-	-	3·4	10·5

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h FRIDAY, 21ST APRIL, 1933.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 21st April, 1933.
1. S.E. England 2. E. England... 3. E. Midlands	Light or moderate northeast wind; cloudy, bright intervals, slight showers at many places, but only on east coast later; somewhat less cold; ground frost locally at night.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Light or moderate northeast wind; fair; less cold, but ground frost locally at night.
9. N. Midlands 10. N.E. England 11. S.E. Scotland	Light variable wind; mainly fair, but slight showers locally at first; milder during day, but ground frost at night.
12. S.W. Scotland & Isle of Man	Light variable wind; fair; milder during day, ground frost at night.
13. A. W Scotld. 13. B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Light variable wind, becoming westerly, light or moderate; mainly fair but local showers; milder, but ground frost locally at night.
17. N.W. Ireland 18. N.E. Ireland	As 12 - 13 A.
19. S.E. Ireland 20. S.W. Ireland	As 4 - 8.

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

GENERAL INFERENCE.

An anticyclone over the Faeroes is moving south or southeast and decreasing in intensity. Weather will be fair in the west and will become fair in the east after some further showers. Temperature will rise slowly.

FURTHER OUTLOOK.

Fair except perhaps in Northern Scotland; milder during day, but ground frost in many districts at night.

Forecasts issued at 0910 G.M.T.

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

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

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

Morning of
FRIDAY
21ST. APRIL,
1933.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 21st April 1933.

No. 26.083

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

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	1016.9	+8	NE'N	2	c	39	85	6	5	3	-	7-8	9	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8														
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1016.5	+10	NNE	3	c/pr	39	75	6	9	-	-	9+	9+	800
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	1017.1	+6	NE	4	bc	41	85	7	8	-	-	4-6	4-6	2500
	Cranwell ...	240														
3	Birmingham ...	555	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1016.4	+12	ENE	4	0	41	85	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	1017.0	+4	NE	3	c	43	75	7	5	-	-	9+	9+	2500
	Scilly (St. Mary's)	163	1017.4	+4	NE	2	c	44	75	7	8	-	-	10	10	4000
	Guernsey ...	175	1015.7	+10	NE	2	c	44	85	8	8	-	-	7-8	7-8	2500
6	Pembroke ...	142	1017.7	+4	ENE	2	bc	41	75	7	5	-	-	2-3	2-3	4000
7	Holyhead ...	26	1019.4	+6	E'N	3	0	43	75	6	5	-	-	10	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1019.1	+4	E'N	4	bc	41	75	8	-	4	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	1021.0	+6	N	2	bc	37	85	6	2	-	-	4-6	4-6	2500
11	Inchkeith ...	190	1022.2	+8	-	0	ir.	38	95	8	3	-	-	10	10	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1021.7	-2	NE	1	c	40	95	8	8	7	-	4-6	7-8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1022.7	0	NNW	2	bc/pr	40	85	8	8	7	8	4-6	4-6	1500
16	Lerwick ...	54	1021.8	0	NE	2	c	40	85	8	5	-	-	7-8	7-8	1500
17	Blacksod Point	18	1021.4	0	-	0	bc	42	85	8	-	4	-	0	4-6	-
18	Malin Head ...	52	1021.0	0	E	1	r	45	95	8	8	-	-	10	10	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1020.7	+10	S'E	2	c	43	55	8	-	9	-	0	9	-
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)...	1019.4	+16	N'E	3	bc	39	75	5	5	-	-	2-3	2-3	2500	1	*
	Croydon ...	1019.2	+18	NE'N	2	b	39	85	5	-	3	-	0	Tr	-	1	*
	S. Farnborough	1019.6	+10	N'E	3	bc	41	75	7	7	-	-	2-3	2-3	1500	1	*
	Winchester ...	1019.0	+10	NNE	2	bc	39	85	7	5	-	-	4-6	4-6	7200	0	*
	Boscombe Down	1019.4	+16	NNE	2	c	39	85	7	1	3	-	Tr	9+	1500	0	*
	Calshot, (S'thmtn)	1018.3	+10	N'E	3	c	41	75	8	5	3	-	2-3	7-8	4000	0	1
	Dungeness ...	*	*	N'E	2	c	*	*	6	3	-	*	7-8	7-8	1500	*	2
	Lympne ...	1018.0	+10	NNE	1	c	38	85	8	5	3	-	4-6	9	2500	1	*
2	Shoeburyness	1018.7	+16	NNE	3	c	39	85	8	8	3	-	4-6	7-8	1500	0	*
	Felixstowe ...	1018.9	+10	N	3	c/pr.	41	85	8	7	2	-	7-8	9	2500	0	1
	Gorleston ...	1019.2	+10	NNE	5	bc	42	55	7	2	-	-	2-3	2-3	4000	0	4
	Cranwell ...	1021.4	+12	N'W	2	bc	33	85	7	4	-	-	2-3	2-3	5700	4	*
3	Birmingham ...	1021.6	+10	NNE	2	b	36	75	5	-	3	-	0	Tr	-	0	*
	Upper Heyford	1020.4	+18	NNE	3	c	38	75	8	5	7	-	4-6	7-8	4000	0	*
4	Ross-on-Wye ...	1020.7	+14	NE	2	c	38	75	6	5	-	-	9+	9+	4000	0	*
5	Portland Bill...	1018.7	+10	NE	4	bc	41	95	7	4	-	-	2-3	2-3	2500	0	3
	Plymouth ...	1018.9	+10	N	3	bc	40	75	8	7	3	-	2-3	2-3	4000	0	1
	The Lizard ...	1018.6	+16	NE	3	c	43	75	8	8	4	-	9+	9+	2500	0	2
	Scilly (St. Mary's)	1018.8	+8	NE	3	c	43	75	7	8	-	-	9+	9+	2500	0	2
	Guernsey ...	1017.5	+16	NE	3	c/ph	42	95	7	8	-	-	10	10	1500	1	3
6	Pembroke ...	1020.2	+14	NE	2	bc	40	75	7	5	6	-	2-3	2-3	2500	0	1
7	Holyhead ...	1021.1	+14	E'N	4	3c	44	75	6	-	3	-7	0	4-6	-	0	2
	Chester (Sealand)	1022.5	+14	-	0	m	33	95	4	5	-	-	7-8	7-8	5700	0	*
8	L'pool (Bidston)	1022.1	+10	-	0	m	38	85	4	5	-	-	4-6	4-6	800	0	*
9	Harrogate ...	1022.4	+6	NW	2	bc	37	85	7	3	-	1	2-3	2-3	2500	1	*
10	Spurn Head ...	1020.5	+6	N'E	5	id.	40	85	6	6	2	-	4-6	7-8	1500	1	4
	Catterick ...	1022.6	+8	NW'N	2	bc	38	85	7	8	6	-	4-6	4-6	2500	0	*
	Tynemouth ...	1022.0	+10	NNW	2	bc	36	75	6	1	-	-	2-3	2-3	4000	0	1
11	Inchkeith ...	1023.4	+6	NW	1	c	39	85	8	5	-	-	9+	9+	2500	0	2
	Leuchars ...	1023.0	+8	NNW	2	c	40	75	8	5	-	-	9	9	4000	0	*
12	Renfrew (Abbotts I)	1023.6	+10	-	0	3c	34	95	5	5	-	-	2-3	2-3	5700	0	*
	Eskdalemuir ...	1023.2	+8	-	0	b	34	85	9	-	-	-	0	0	-	4	*
13A	Tiree	1023.1	+8	E	1	c	41	85	9	8	7	-	7-8	9	1500	0	2
13B	Stornoway ...	1022.3	+6	NE	1	c	40	95	9	8	6	-	4-6	9+	1500	1	0
15	Dalwhinnie ...	1024.1	+6	SE	1	c	35	95	8	4	2	-	4-6	10	1500	1	*
	Aberdeen ...	1022.9	+6	NW	2	c	38	85	8	5	-	-	9+	9+	4000	1	1
	Wick	1023.5	+2	WNW	2	bc	37	95	8	8	6	-	4-6	4-6	2500	1	2
16	Lerwick ...	1022.9	+4	NE	3	c/pr	41	85	8	8	-	-	7-8	7-8	1500	1	*
17	Blacksod Point	1022.7	+6	-	0	c	41	95	9	-	7	-	0	9	-	0	1
18	Malin Head ...	1021.9	+8	S'E	2	c	42	95	8	5	3	-	4-6	9+	1500	0	1
	Aldergrove ...	1023.0	+12	ENE	2	b	35	85	7	-	7	-	0	Tr	-	0	*
	Donaghadee ...	1023.5	+14	ESE	2	bc	42	75	8	5	-	-	2-3	2-3	1500	0	1
19	Birr Castle ...	1021.8	+6	N	1	c	34	95	7	5	-	-	9	9	2500	0	*
20	Valentia Obsy.†	1021.4	+10	-	0	bc	34	95	8	5	3	-	2-3	2-3	5700	0	2
	Roches Point...	1020.5	+6	N	3	c	39	85	8	5	-	-	7-8	7-8	2500	0	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 20th Hrs. (36)
1	London (Kew)...	45	36	30	2	Tr	3.8
	Croydon ...	46	36	29	2	0.6	4.0
	S. Farnborough	48	36	31	1	Tr	3.9
	Winchester ...	47	33	27	Tr.	Tr	3.4
	Boscombe Down	47	29	26	Tr.	-	4.7
	Calshot, (S'thmtn)	50	38	31	0.2	-	5.0
	Dungeness ...	47	30	*	1	2	*
	Lympne ...	44	35	33	2	4	5.4
2	Shoeburyness	48	33	31	1	-	6.5
	Felixstowe ...	47	33	31	0.5	Tr	6.9
	Gorleston ...	46	39	38	1	Tr	5.2
	Cranwell ...	47	26	22	0.1	0.6	0.2
3	Birmingham ...	45	32	25	-	-	1.1
	Upper Heyford	47	34	30	0.4	-	*
4	Ross-on-Wye ...	47	37	30	-	-	2.3
5	Portland Bill...	47	37	*	Tr.	Tr	*
	Plymouth ...	46	39	36	-	-	6.7
	The Lizard ...	48	40	*	-	-	*
	Scilly (St. Mary's)	48	42	*	-	-	10.9
	Guernsey ...	47	41		Tr.	0.4	9.7
6	Pembroke ...	48	39	*	-	-	7.0
7	Holyhead ...	46	40	36	Tr.	-	7.0
	Chester (Sealand)	47	29	21	Tr	-	3.3
8	L'pool (Bidston)	45	36	28	-	-	5.1
9	Harrogate ...	45	34	24	-	1	0.4
10	Spurn Head ...	49	37	*	0.4	Tr	5.7
	Catterick ...	46	33	29	Tr	-	3.5
	Tynemouth ...	45	36	33	Tr.	-	*
11	Inchkeith ...	47	37	29	Tr.	0.4	2.4
	Leuchars ...	46	37	35	1	-	0.6
12	Renfrew (Abbotts I)	47	31	28	Tr	-	0.0
	Eskdalemuir ...	45	25	19	2	-	5.4
13A	Tiree	48	35	21	-	0.1	6.5
13B	Stornoway ...	47	37	*	1	-	5.9
15	Dalwhinnie ...	42	32	29	0.3	Tr	0.7
	Aberdeen ...	44	36	34	0.3	-	1.4
	Wick	44	35	*	0.3	2	*
16	Lerwick ...	44	40	*	Tr.	1	5.0
17	Blacksod Point	47	36	*	-	-	*
18	Malin Head ...	46	38	*	-	Tr	0.2
	Aldergrove ...	49	30	22	Tr	Tr	4.1
	Donaghadee ...	46	39	*	0.4	0.1	*
19	Birr Castle ...	48	32	20	Tr	-	3.8
20	Valentia Obsy.†	48	(34)	28	-	-	5.6
	Roches Point...	46	35	*	1	0.2	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations, except Greenwich & Hampstead rainfall, 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	cprhcpr	cprshq	cpcbcm	45	36	30	2	Tr	3.6	*	*	6
CROYDON	217	crm3	cphric	cc5jmcbcw	46	36	29	2	0.6	4.0	*	*	6
GREENWICH (Royal Observatory) ...	149	cphc	crp	hrrcbc	46	36	28	1	3	1.9	77	64	6
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	3.2	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	47	35	32	2		3.0	77	59	*
‡REGENTS PK. (Botanic Gardens) ...	168	*	*	*	47	35	31	1		2.6	87	66	*
CAMDEN SQUARE	110	ccphc	ccphc	*	47	35	29	2	-	*	*	67	*
KENSINGTON	80	xbc	bccopbc	*	45	33	29	1	0.2	2.4	At 18h.	62	*
HAMPSTEAD OBSERVATORY	450	bcp	bcp	orm	44	33	27	1	0.3	3.3	79	70	*

FOREIGN OBSERVATIONS.

18h. G.M.T. 20th April

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
PARIS	1010.1	NNE	3	c	46
BRUSSELS	1012.4	NE	3	c	43
BERLIN	1009.6	N	2	c	41
ZÜRICH	1006.3	E	2	c	41
ROME	1005.7	WSW	3	c	59

7h. G.M.T. 21st April

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1015.5	NNE	3	3c	37
1016.3	NE	2	c	39
1012.1	N	3	0	37
1009.0	NNW	3	c	34
1003.9	S	4	dd	59

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
52	30	-	-
45	32	-	-
45	36	1	Tr
48	34	-	-
64	48	-	Tr

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

SOUTH KENSINGTON. Max.	Time.	Min.	Time.
1.0	18h 20th	Nil.	1-6h 21st

KEW OBSERVATORY. Max.	Time.	Min.	Time.
0.3	22h 20th	<0.1	4h 21st

EXPLANATION OF FIGURES, LETTERS, etc.

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

COLUMNS 4, 48.
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 and Rainfall are for the 24 hours ending 9h.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 22nd April 1933.

No. 26.084

Direction.

	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 21st April														OBSERVATIONS at 18h. G.M.T. 21st April														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. 21st	Weather. 13h.–18h. 21st	Weather. 18h. 21st to 1h. 22nd	Weather. 1h.–7h. 22nd.
		(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)...	1020·8	0	N	2	c	48	45	6	8	-	-	7-8	7-8	2500	1021·5	+10	N	3	bc	47	45	6	8	-	-	4-6	4-6	2500	0	*	cm 3o	cbcy	bcym bx	xbccm
	Croydon ...	1020·6	+6	NEN	3	c	46	45	6	8	-	-	9	9	2500	1021·0	+4	NEN	3	c	45	45	5	8	-	-	9	9	4000	0	*	bccm	c 3oy	cybcm	cm 3o
	S. Farnborough	1020·8	+6	NNE	3	c	47	45	8	8	-	-	7-8	7-8	5700	1021·3	+4	NEN	3	bc	45	45	8	7	3	-	4-6	4-6	4000	0	*	bccy	cbcy	bcb	bxc
	Winchester ...	1021·0	+12	NNE	3	c	44	55	8	5	-	-	9+	9+	4000	1021·4	+6	N'E	3	bc	44	55	8	4	-	-	4-6	4-6	4000	0	*	bccy	cbcy	b	bxcm
	Boscombe Down	1020·3	+10	NEE	2	c	45	55	7	7	-	-	9	9	2500	1021·8	+8	NEN	4	c	45	55	7	5	-	-	9	9	4000	0	*	c	cy	cb	bbcm
	Calshot, S'thmtn	1020·3	+6	NEN	3	c	48	55	7	8	-	-	7-8	7-8	4000	1020·3	+6	N	3	c	48	45	7	5	4	-	4-6	7-8	2500	0	1	bcy	cy		bcxcm
	Dungeness ...	*	*	NE	4	c	*	*	7	4	-	*	9	9	1500	*	*	NEN	4	bc	*	*	7	7	-	*	4-6	4-6	1500	*	0	o	bc	*	c
	Lympne ...	1020·2	+8	NEN	5	c	44	55	9	7	-	-	7-8	7-8	4000	1021·3	+8	NEN	5	bc	41	55	9	7	-	-	2-3	2-3	4000	0	*	pc bcvy	bcvy	bcvbw	bmcm
2	Shoeburyness	1020·6	+4	NEN	5	c	48	55	8	8	3	-	4-6	7-8	4000	1021·2	+6	NNE	4	bc	42	65	8	5	3	-	2-3	2-3	4000	0	*	cy	cybcy	b	bbcc
	Felixstowe ...	1020·5	+6	NNE	4	c	46	45	8	7	-	-	7-8	7-8	2500	1021·5	+10	NNE	3	bc	44	65	8	7	-	-	4-6	4-6	4000	0	2	cbcy	bcypc	bc	bcc
	Gorleston ...	1020·3	+4	NNE	4	ph(r)	46	86	7	8	-	-	7-8	7-8	2500	1021·1	+6	N'E	4	bc	44	65	6	8	-	-	4-6	4-6	2500	0	3	bccq	cph q	bcqc	c
	Cranwell ...	1022·3	+6	NNE	3	c	45	65	8	5	-	-	9+	9+	2500	1022·5	+4	NE'E	2	c	46	55	8	8	-	-	7-8	7-8	2500	0	*	bcc	prh c	c	cm c
3	Birmingham ...	1022·5	+4	NE	3	c	44	55	6	5	-	-	9	9	2500	1022·7	+4	NNE	1	c	45	55	6	5	-	-	9	9	5700	0	*	bcc	c	cbc	bcb
	Upper Heyford	1021·8	+6	ENE	4	cjp	45	55	8	8	-	-	7-8	7-8	2500	1022·5	+6	NE	3	c	44	65	8	2	3	-	Tr.	9	4000	0	*	bccy	cjpc	cbcbw	bccbw
4	Ross-on-Wye ...	1021·5	+8	NNE	3	c	47	35	8	7	-	-	7-8	7-8	4000	1022·4	+8	NE	2	3o	46	46	6	5	-	-	9	9	4000	0	*	cbaycy	bcyc3bc	c3bz	bmw
5	Portland Bill...	1020·7	+10	E	3	c	48	75	7	4	-	-	7-8	7-8	2500	1021·3	+8	E	3	c	48	65	7	4	-	-	9	9	2500	0	3	bcc	c	bcb	bbc
	Plymouth ...	1020·7	+6	ENE	2	cjp	48	45	8	8	7	-	7-8	9	2500	1021·8	+6	-	0	c	48	55	8	8	-	-	7-8	7-8	2500	0	0	bccyjp	cyjp	cy	cbcbz x
	The Lizard ...	1021·4	+10	ENE	3	c	47	65	8	2	7	-	2-3	9	2500	1023·1	+10	ENE	3	c	47	65	9	2	6	-	2-3	9	2500	0	2	cbcc	cv	cbc	bc
	Scilly (St. Mary's)	1021·0	+10	E'S	2	bc	50	75	7	8	-	-	4-6	4-6	4000	1023·2	+8	ENE	2	c	48	75	8	8	-	-	7-8	7-8	2500	0	2	cbc	bcc	cbcb	bc
	Guernsey ...	1020·0	+12	NEE	2	c	48	75	7	8	-	-	7-8	7-8	2500	1021·0	+12	NE	3	bc	46	75	7	8	-	-	4-6	4-6	2500	0	3	cp bc	cbc	bccb	bcb
6	Pembroke ...	1021·7	+4	SW	2	c	46	65	7	5	-	-	9+	9+	2500	1022·7	+2	NNE	2	c	46	65	9	-	7	8	0	7-8	-	0	1	bcc	vc	bcb	bbcxw
7	Holyhead ...	1023·1	+6	N'E	3	bc	49	55	8	4	-	-	4-6	4-6	5700	1023·8	+6	N'E	3	b	46	65	8	-	-	8	0	1	-	0	1	bc 3oy	ybcb	b3ob	bm wx
	Chester (Sealand)	1023·3	+4	WN	2	c	46	55	6	8	-	-	9	9	4000	1023·6	+4	NW	3	bc	46	55	6	5	-	8	4-6	4-6	4000	0	*	mc 3o	cy	bcc	bcxmc
8	L'pool (Bidston)	1023·0	+8	NNW	2	c	45	65	8	8	1	-	7-8	9	2500	1023·4	0	NNW	3	b	46	55	8	1	-	-	1	1	5700	0	*	cmgc	cybcy	bvbc	bccc
9	Harrogate ...	1022·7	0	N	1	c	46	45	7	3	-	-	7-8	7-8	4000	1023·3	+6	NNE	3	c	43	65	7	5	-	-	9	9	4000	0	*	bc	bcc	cbc	bbc
10	Spurn Head ...	1022·3	+4	E'N	2	bc	50	65	8	2	3	-	2-3	4-6	4000	1022·0	0	N'E	4	c	44	65	8	5	2	-	4-6	7-8	2500	0	3	jdcbc	bc	cpr	cpr
	Catterick ...	1022·6	+2	NNE	3	c	48	55	7	8	-	-	7-8	7-8	2500	1023·3	+6	NNE	2	c	42	65	7	4	-	-	7-8	7-8	4000	0	*	bcyc	cybcy	bc	bcc
	Tynemouth ...	1022·7	+12	NNE	3	c	44	75	8	8	-	-	7-8	7-8	2500	1022·9	+4	NNE	3	bc	43	55	8	4	-	-	4-6	4-6	4000	0	1	bcc	cbc	bcoir	oir c
11	Inchkeith ...	1024·4	+6	E	1	c	45	65	8	7	-	-	10	10	2500	1024·1	-4	SE	1	c	46	65	8	5	-	-	9+	9+	2500	0	1	c	c	c	c
	Leuchars ...	1023·5	+2	SE	3	c	45	55	8	5	-	-	9+	9+	4000	1024·1	+8	E	2	1c	43	75	8	5	7	-	9+	9+	2500	0	*	cwcy	cyvic	cir bcc	c
12	Renfrew (Abbotsl'd)	1023·1	+2	ESE	2	c	49	45	8	7	-	-	7-8	7-8	4000	1023·6	0	SW	1	3o	48	55	6	5	-	-	9+	9+	4000	0	*	bccwy	bcy3o	cycm	cm
	Eskdalemuir ...	1023·5	+4	NE	3	c	43	55	7	5	-	-	9	9	4000	1023·0	0	NE	2	c	43	55	9	5	-	-	9	9	4000	1	*	bcbcy	cy	cyc	c
13a	Tiree	1024·6	+16	SW	2	c	47	55	8	5	3	-	4-6	9+	2500	1024·3	+4	NNW	1	b	47	56	8	7	4	-	Tr.	Tr.	4000	0	1	c	cbcb	bw	x
13	Stornoway ...	1023·4	+4	SE	1	c	44	85	9	8	6	-	4-6	7-8	1500	1023·2	-2	ENE	1	bc	46	85	9	8	6	-	2-3	4-6	2500	1	0	c	c	bc	bcc
15	Dalwhinnie ...	1024·1	+2	NE	3	c	42	65	8	4	2	-	7-8	9	2500	1024·2	+2	NE	2	c	43	56	8	4	2	-	4-6	9	4000	0	*	c	c	*	c
	Aberdeen ...	1023·6	+4	NE	3	c	44	75	8	8	-	-	9+	9+	4000	1024·2	+4	NNE	3	c	44	65	8	8	-	-	9+	9+	4000	1	1	cpr	prc	cb	bbc
	Wick	1024·2	+6	NE	2	c	45	75	8	8	1	-	4-6	7-8	2500	1024·8	+4	NE	2	c	43	85	8	8	1	-	4-6	9	2500	1	2	bcprc	c	cbc	bcc
16	Lerwick ...	1023·7	+2	NE	3	pr	44	75	8	8	2	-	9	10	1500	1024·1	+2	NNW	2	c	43	75	8	8	1	1	7-8	9+	1500	0	*	cpr	cpr	c	c
17	Blacksod Point	1023·0	+4	-	0	bc	51	56	9	2	-	-	4-6	4-6	1500	1023·5	+4	N	3	bc	50	65	9	-	7	-	0	4-6	-	0	2	bc	c	cbc	cbc
18	Malin Head ...	1023·5	+4	E	4	bc	48	85	8	4	3	8	1	2-3	1500	1023·8	+4	E	2	b	46	75	8	5	3	-	Tr.	1	2500	0	0	cbc	bc	bc	bc
	Aldergrove ...	1024·0	+6	NNE	2	bc	49	45	8	4	-	-	2-3	2-3	4000	1024·3	+4	E'N	2	b	49	45	8	4	-	-	1	1	4000	0	*	bcbcy	bcby	byb	bbx
	Donaghadee ...	1024·6	+6	ESE	1	b	46	65	8	8	-	-	1	1	4000	1025·0	+2	E	1	b	46	55	8	8	-	-	1	1	4000	0	0	bcb	b	bbc	bc
19	Birr Castle ...	1022·8	+2	E	2	c	49	55	8	5	-	-	9o	9+	2500	1023·4	+4	NE	1	c	50	55	8	5	-	-	9+	9+	2500	0	*	cy	cy	cbc	bcx
20	Valentia Obsy.	1022·6	+4	NE	2	c	48	55	9	7	-	-	9	9	5700	1023·8	+10	WSW	1	c	47	65	8	5	-	-	7-8	7-8	5700	0	1	bcbbcy	cyc	bcw	bcc
	Roches Point...	1022·3	+10	E	2	c	46	65	8	6	-	-	7-8	7-8	2500	1023·5	+8	E	3	c	49	65	8	5	-	-	7-8	7-8	2500	0	3	c	c	cbc	bcc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, " less than 220 yds.
fo, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
k, 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).
sq, 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, 25, 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 c" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

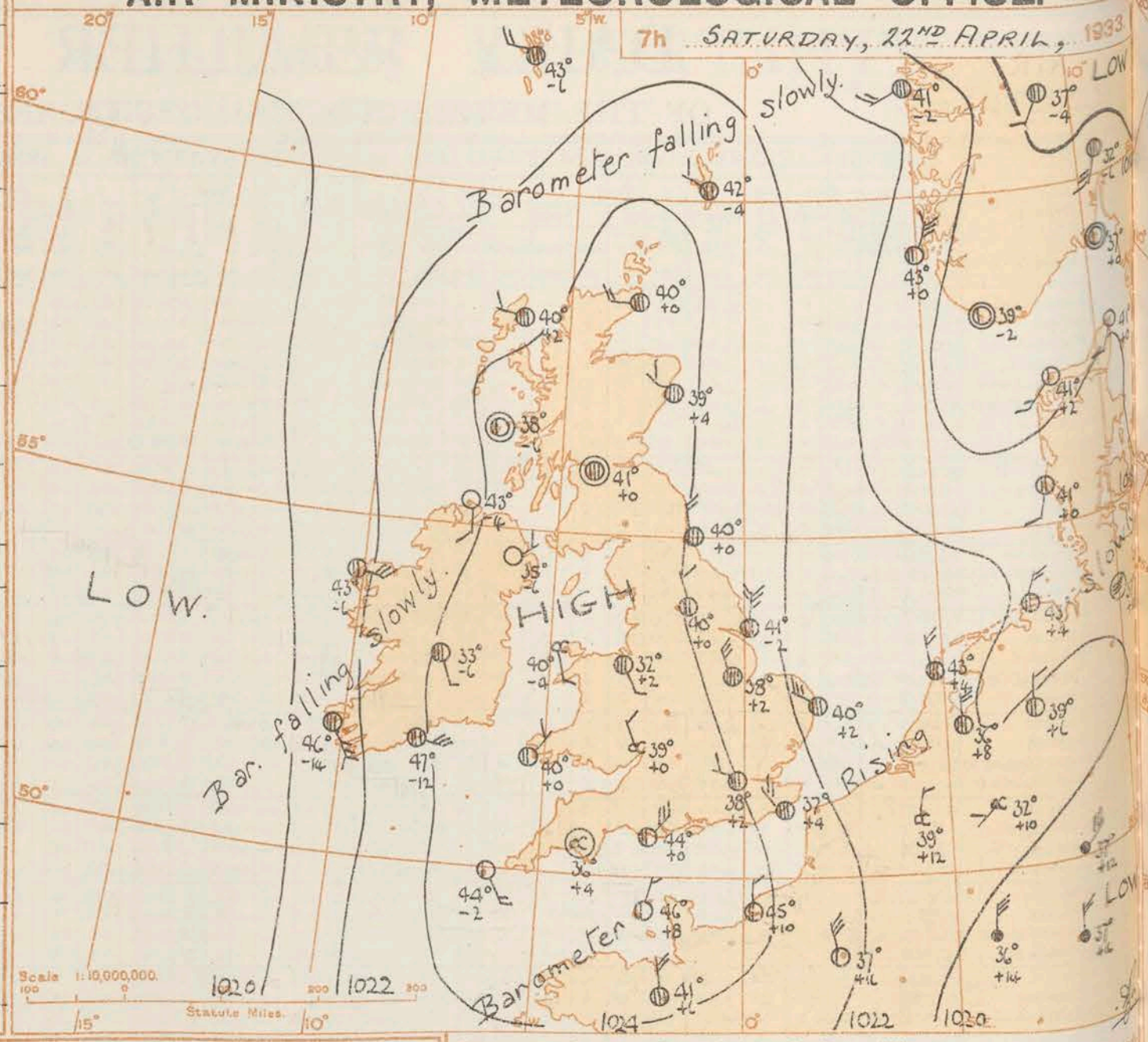
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 21st April 1933

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.	bco	ocbc	34	48	1	-	5·2	8.4
	Bournemouth	bc	c	31	50	0·3	-	4·3	4·8
	Ventnor ...	opb	bc	37	51	Trace	-	5.0	8·1
	Southsea ...	b'bc	c	38	50	1	-	4·8	5·9
	Bognor Regis	b bc	bcc	38	49	2	-	4·1	6.8
	Littlehampton	bc	bcc	37	49	0.1	-	3.6	4·8
	Worthing ...	bbc	c	38	48	0.3	-	3·5	7.3
	Brighton ...	bcp	bc	37	49	0.2	Trace	2·6	5·5
	Eastbourne†	cbcc	cbcy	37	49	1	-	4·3	7·5
	Hastings† ...	bccop	bccbc	35	49	2	0.2	6·5	6·3
	Folkestone ...	cpbc	bc	36	48	6	Trace	6·6	6·1
	Dover... ...	cprhbc	bcy	37	47	10	Trace	5·5	7.4
	Deal	rocbc	b	37	48	5	-	6·1	6·3
	Ramsgate ...	c	bc	37	46	0.4	-	7·9	5·7
	Margate ...	hcpr	bc	38	45	4	1	7.0	4.7
2	Southend ...	c	bcc	32	48	-	-	4·9	5·9
	Maldon ...	bc	c	36	47	-	-	4·1	2·9
	Clacton-on-Sea	cbc	bcc	35	48	1	-	3.4	6·8
	Dovercourt ...	bcv	bcv	35	47	-	-	3·8	7·2
	Lowestoft ...	bc	phbc	38	48	-	Trace	7·6	5·2
	Skegness ...	b	b	40	46	Trace	-	10.2	2.5
	Mablethorpe	cv	cbcv	38	47	0·3	-	7·5	1·9
	Cleethorpes...	c	b	37	49	-	-	8·5	4.7
3	Leamington S.	bcc	co	35	48	Trace	-	6·1	0·3
4	Cheltenham†	cwbcb	bbcc	36	50	Trace	-	7·8	1·0
5	Bath	cbc	cbc	36	51	-	-	3·3	3·3
	Weymouth ...	bc	cy	37	51	-	-	4·2	5·9
	Jersey ...	bc	bc	40	51	-	-	6·0	8·5
	Torquay ...	bbcc	cy	39	50	-	-	7.0	7.0
	Penzance ...	ocbc	cbc	40	51	-	-	2·6	5·6
	St. Ives ...	c	b	41	51	-	-	5.4	7·3
	Bude	c	c	37	50	-	-	3.0	5·0
	Ilfracombe ...	cbc	cbcb	40	50	-	-	5·9	5·5
6	Aberystwyth	cbcb	bbcc	40	49	-	-	6·5	3·6
7	Llandudno ...	b	b	34	49	-	-	10.8	4·6
	Colwyn Bay...	b	bbcb	31	47	-	-	10.9	5·1
	Rhyl	bcbbc	bcb	31	48	-	-	8·4	2·8
8	Wallasey ...	bcc	cbcb	32	48	-	-	2·5	5·1
	Southport‖ ...	cbbc	cbcb	34	51	-	-	4·4	2·0
	Blackpool ...	cbc	cbc	37	49	-	-	6·0	1·6
	Morecambe ...	b	cbbcc	38	50	-	-	9·0	3·7
9	Ilkley... ...	bcpr	cbcc	35	50	Trace	Trace	3·8	1·6
10	Berwick-on-T.	oc	c	28	45	Trace	-	2·2	7.0
11	Dunbar ...	rbc	bc	32	46	1	-	3.4	5·1
12	Troon... ...	xbcc	cbcc	31	48	-	-	6·3	0.8
	Douglas ...	bbcb	cdcbb	34	48	-	Trace	7.1	3·9

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 22nd April, 1933
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Light variable breeze, becoming southerly; fair; milder during day, ground frost locally at night.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Light or moderate southerly wind, freshening somewhat later; fair; milder, but ground frost locally at night.
9. N Midlands 10. N.E England 11. S.E. Scotland	As 1 - 4.
12. S.W. Scotland & Isle of Man 13. A. W Scotld. B. N.W. Scotland.	Light or moderate southeast wind, freshening; fair today, probably some rain tomorrow; milder.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	As 1 - 4.
17. N.W. Ireland	Fresh or strong southeast to south wind; cloudy, some rain; milder.
18. N.E. Ireland 19. S.E. Ireland	As 12 - 13B.
20. S.W. Ireland	As 17.

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 ≡ Fog ≡ Mist. T Thunder. ⊼ Thunderstorm.
Sea Disturbance. ~ Rough. ≈ High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone over the British Isles is moving southeast and a depression on the Atlantic is moving northeast. Weather will be fair generally at first, but will deteriorate later in Ireland and West Scotland. Temperature will rise generally

FURTHER OUTLOOK.

Unsettled in the West, but fair over tomorrow in E. and S.E. England; warmer generally.

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

Forecasts issued at 0910 G.M.T.

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

Morning of

SATURDAY,

22nd APRIL,

1933.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 22nd April 1933.

No. 26.084

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

Durator.	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	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croyden	217	1023.6	+6	-	0	c	34	85	5	4	7	-	2·3	9	7200
	S. Farnborough	287	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8														
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1023.0	+2	N	3	b	34	85	8	-	-	-	0	0	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	14	1022·5	0	W	2	c	38	85	7	-	2	-	0	9+	-
	Cranwell	240														
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1024·3	+6	NE	3	b	40	85	8	-	-	-	0	0	-
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	222	1026.0	+4	NE	2	bc	42	65	8	1	-	-	2·3	2·3	4000
	Scilly (St. Mary's)	163	1025·4	+4	-	0	b	42	75	8	-	-	-	0	0	-
	Guernsey	175	1023·8	+4	-	0	bc	44	85	8	8	-	-	4·6	4·6	2500
6	Pembroke	142	1026·0	+4	NE	1	bc	39	85	7	5	-	-	2·3	2·3	4000
7	Holyhead	26	1025.0	0	N'E	2	b	43	75	7	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1022·6	0	N'W	3	pr.	40	85	8	6	2	-	4·6	7·8	1500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	67	1023·8	0	NNW	2	ir.	40	85	7	6	-	-	10	10	1500
11	Inchkeith	190	1025·0	+4	E	2	c	41	85	8	5	-	-	9+	9+	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1023.4	-2	-	0	bc	36	95	8	8	4	-	2·3	4·6	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	87	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1025·2	0	WNW	2	bc	35	95	8	5	-	8	2·3	4·6	2500
16	Lerwick	54	1023.9	-6	NNW	1	c	40	95	9	4	6	-	4·6	7·8	1500
17	Blacksod Point	18	1023·5	-4	NE	3	bc	44	75	8	2	-	-	2·3	2·3	1500
18	Malin Head	52	1025·1	0	S'E	1	b	37	95	8	5	-	-	Tr.	Tr.	2500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	178	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1024.0	-2	SE	3	b	42	85	8	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1024.4	+2	SW	2	c	39	75	5	5	-	-	10	10	4000	0	*
1024.0	+2	WNW	1	c	38	65	5	4	-	-	9+	9+	7200	0	*
1024.2	+2	W'N	1	c	37	85	6	5	-	-	9+	9+	5700	0	*
1024.5	0	WNW	2	c	37	85	6	5	-	-	9+	9+	4000	0	*
1024.5	+2	WNW	1	c	38	85	6	5	-	-	9+	9+	5700	0	*
1023.9	+4	W'N	2	c	38	75	6	5	-	-	10	10	5700	0	1
*	*	NW	2	c	*	*	6	3	-	*	10	10	1500	*	1
1023.4	+4	NW'N	2	c	37	85	6	5	-	-	9+	9+	5700	0	*
1023.5	+2	NW	3	c	40	75	7	5	-	-	9+	9+	2500	0	*
1023.0	+4	NW'N	2	c	40	85	7	5	-	-	9	9	5700	0	1
1021.9	+2	WNW	3	c	40	85	6	8	-	-	9	9	2500	0	2
1013.7	+2	NW	3	c	38	75	6	5	-	-	10	10	2500	0	*
1024.8	+2	NW	2	bc	38	85	3	5	-	-	1	1	4000	0	*
1024.5	+8	N	2	3.	39	75	5	5	-	-	1	1	4000	0	*
1024.7	0	NW	1	3.	39	75	6	-	-	-	0	0	-	0	*
1024.3	0	NE	3	bc	44	85	7	4	-	-	2·3	2·3	2500	0	3
1025.1	+4	-	0	3.	36	85	6	-	-	-	0	0	-	0	0
1025.0	+2	NE	2	bc	42	85	8	7	-	-	4·6	4·6	4000	0	2
1025.1	-2	SE'S	2	b	44	75	8	7	-	-	1	1	4000	0	1
1024.6	+8	NNE	1	b	46	65	7	1	-	-	1	1	2500	0	1
1024.4	0	NE	1	bc	40	85	7	-	-	8	0	4·6	-	0	1
1024.5	-4	SSE	1	3.	40	85	6	-	3	-	0	Tr	-	0	0
1025.2	+2	SE'S	1	m	32	95	4	5	-	-	9	9	4000	0	*
1024.8	-2	-	0	c	40	75	6	5	2	-	7·8	9+	1500	0	*
1023.5	0	NW	1	c	40	75	8	6	2	-	2·3	10	4000	0	*
1022.2	-2	N'W	5	c	41	85	7	5	2	-	4·6	9	2500	0	3
1024.3	+2	WNW	2	c	40	85	8	5	-	-	10	10	4000	0	*
1024.1	0	NNW	2	c	40	85	6	6	-	-	7·8	7·8	1500	0	1
1025.1	0	W	1	c	42	85	7	5	-	-	10	10	1500	0	1
1024.5	-2	W	2	c	40	75	8	5	-	-	9+	9+	5700	0	*
1024.9	0	-	0	c	41	85	6	5	-	-	9+	9+	4000	0	*
1024.6	-2	N'E	1	c	39	65	8	5	-	-	9+	9+	4000	1	*
1024.3	-6	-	0	b	38	85	8	7	7	-	Tr	Tr	4000	0	1
1022.4	+2	WNW	1	c	40	95	9	8	6	-	2·3	7·8	1500	1	0
1025.2	-2	-	0	c	37	85	8	-	4	-	0	7·8	-	0	*
1024.7	+4	WNW	1	c	39	95	8	7	-	-	9	9	4000	1	1
1024.4	0	W	2	c	40	95	8	5	1	-	7·8	9+	2500	1	2
1022.5	-4	NW	1	c	42	75	9	5	7	-	4·6	7·8	1500	0	*
1021.2	-6	E	3	bc	43	65	7	-	1	-	0	4·6	-	0	2
1023.2	-4	S	1	b	43	95	7	-	-	-	0	0	-	0	0
1024.8	-6	E'N	1	b	35	75	7	-	-	-	0	0	-	0	*
1024.9	-2	WNW	1	bc	40	75	7	7	3	-	2·3	4·6	4000	0	0
1024.0	-6	SE	1	c	33	95	8	-	-	7	0	10	-	0	*
1020.3	-14	SE	4	c	46	75	8	5	2	-	7·8	10	2500	0	2
1022.8	-12	E	3	c	47	65	8	5	-	-	7·8	7·8	2500	0	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 26th Hrs. (36)
48	37	22	-	-	7·7
49	33	23	-	-	5·2
49	28	15	-	-	6·5
48	29	21	-	-	6·5
47	29	13	-	-	4·4
50	33	27	-	-	3·4
49	27	*	Tr.	-	*
45	32	25	Tr.	-	6·9
49	31	21	-	-	5·6
48	32	28	Tr.	-	4·5
46	37	34	Tr.	-	6·4
48	35	31	Tr.	-	4·6
47	34	21	-	-	5·8
48	35	28	-	-	*
50	37	25	-	-	6·0
50	37	*	-	-	*
49	34	27	-	-	5·5
49	41	*	-	-	*
53	39	*	-	-	6·0
49	40		Tr.	-	7·0
49	37	*	-	-	4·1
51	36	25	-	-	11·0
49	28	19	-	-	3·4
47	38	32	-	-	3·3
49	34	26	-	-	5·0
50	39	*	0·2	0·1	3·5
49	35	30	-	-	6·8
45	39	37	-	0·2	*
47	41	33	-	-	0·9
48	36	28	Tr.	Tr.	2·5
51	41	33	-	-	2·3
48	33	16	-	-	3·1
47	34	*	-	-	0·3
44	34	32	-	-	0·5
46	36	33	Tr.	-	*
45	35	*	0·1	-	2·3
45	38	*	1	-	*
51	42	*	-	-	8·9
46	34	*	-	-	11·2
52	27	20	-	Tr.	*
48	38	*	-	-	*
51	30	18	-	-	3·9
51	37	34	-	-	6·6
50	40	*	-	-	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations except Greenwich & Hampstead rainfall, 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.3/10 bccm.10	cbcy	bcybccm	48	37	22	-	-	6·1	*	*	6
Croydon	217	bccm.10	c3.y	cybccm.3	49	33	23	-	-	5·2	*	*	4
Greenwich (Royal Observatory)	149	cy	cy	cbcy	50	37	26	-	-	3·0	36	56	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	4·8	*	*	*
Westminster (St. James' Park)	27	*	*	*	49	39	31	-		4·1	31	43	*
†Regents Pk. (Botanic Gardens)	168	*	*	*	52	37	27	-		4·9	32	54	*
Camden Square	110	c	cbcb	*	51	38	27	-	-	*	*	59	*
Kensington	80	xbc	bc	*	51	38	26	-	-	5·8	At 18h.	53	*
Hampstead Observatory	460	bc	bc	c	46	36	22	-	-	5·1	46	57	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·5	23h 21st, 7h 22nd	<0·3	12-20h 21st

Kew Observatory. Max.	Time.	Min.	Time.
0·5	23h 21st	0·1	12h 21st

FOREIGN OBSERVATIONS.

18h. G.M.T. 21st (Fri.)

Stations.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1017·3	N	4	bc	46
Brussels	1017·9	N	3	dis	39
Berlin	1015·2	NNE	3	c	35
Zürich	1012·3	ENE	2	c	41
Rome	1003·8	SSW	3	bc	55

7h. G.M.T. 22nd (Sat.)

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1022·7	NW	3	b	37
1021·9	NNE	1	c	39
1018·4	N'W	2	d	37
1015·5	NNW	1	c	36
1009·0	ENE	1	bc	52

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
50	32	-	-
48	30	1	0·1
41	32	1	0·1
46	34	Tr.	-
64	43	13	-

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 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.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 23rd April 1933.

No. 26.085

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

District.	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)...	1024.5	0	NW	2	c	46	45	7	5	-	-	9+	9+	2500
	Croydon ...	1023.8	-2	WNW	2	3o	46	45	6	5	-	-	10	10	4000
	S. Farnborough	1024.2	+2	NNW	1	c	49	45	8	5	-	-	9+	9+	4000
	Winchester ...	1023.9	-2	NNW	3	c	49	55	7	4	-	-	9	9	4000
	Boscombe Down	1024.2	-2	N'W	2	c	49	45	7	8	-	-	7-8	7-8	2500
	Calshot, S'thmtn	1023.9	-2	WNW	2	c	50	45	6	5	-	-	9	9	4000
	Dungeness ...	*	*	NNW	2	c	*	*	7	8	-	*	9	9	1500
	Lympne ...	1023.9	+2	NWN	2	c	46	55	8	5	-	-	10	10	4000
2	Shoeburyness	1023.3	0	NNW	3	c	47	55	7	5	-	-	9	9	4000
	Felixstowe ...	1023.0	-2	N'W	2	c|pr	45	65	7	5	-	-	9+	9+	2500
	Gorleston ...	1022.4	+6	NNE	3	c	45	85	6	8	-	-	7-8	7-8	2500
	Cranwell ...	1023.0	-4	N	2	c	47	65	7	5	2	-	9	10	4000
3	Birmingham ...	1024.4	-2	NNW	2	c	46	55	6	5	-	-	9	9	4000
	Upper Heyford	1024.7	0	NNW	1	c	45	55	8	7	1	-	7-8	10	4000
4	Ross-on-Wye ...	1023.3	-4	WNW	2	3o	52	45	7	7	-	-	4-6	4-6	4000
5	Portland Bill...	1024.7	-2	NE	3	c	49	75	7	4	-	-	10	10	2500
	Plymouth ...	1024.9	0	SSW	4	c	51	55	8	2	3	4	2-3	9	4000
	The Lizard ...	1024.7	-2	SE	3	c	52	55	8	8	6	-	2-3	9	2500
	Scilly (St. Mary's)	1023.9	-10	S'W	4	c	50	75	8	8	2	-	4-6	7-8	4000
	Guernsey ...	1024.9	0	W	1	c	52	55	7	7	3	-	4-6	7-8	2500
6	Pembroke ...	1023.8	-2	SSW	1	c	48	75	6	5	7	-	4-6	9+	2500
7	Holyhead ...	1023.9	-2	SSW	2	c	50	55	8	4	6	3	2-3	9+	4000
	Chester (Sealand)	1024.2	-6	SEE	1	3o	50	45	6	5	-	-	7-8	7-8	5700
8	L'pool (Bidston)	1023.9	-4	-	0	c	46	55	7	5	-	-	9+	9+	4000
9	Harrogate ...	1023.4	-10	ENE	1	c	48	55	8	8	-	-	9+	9+	4000
10	Spurn Head ...	1022.9	0	N'E	5	bc	50	65	8	1	3	-	4-6	4-6	4000
	Catterick ...	1023.6	-4	NE	2	c	47	66	7	8	-	-	9+	9+	2500
	Tynemouth ...	1023.7	-4	NNE	2	c	45	85	8	4	-	-	7-8	7-8	4000
11	Inchkeith ...	1024.2	-6	WSW	2	c	47	55	8	5	3	-	7-8	9+	4000
12	Leuchars ...	1023.1	-10	SE	2	c	48	55	8	7	-	-	7-8	7-8	4000
	Renfrew (Abbotts I.)	1023.3	-10	E'N	1	c	48	45	7	5	-	-	9+	9+	4000
	Eskdalemuir ...	1023.1	-12	-	0	c	46	45	9	5	-	-	9	9	4000
13a	Tiree	1022.2	-14	SE'S	3	b	51	65	8	-	-	5	0	1	-
13b	Stornoway ...	1020.6	-10	SSE	2	c	46	95	9	8	6	-	4-6	7-8	2500
15	Dalwhinnie ...	1022.6	-8	E	1	bc	46	86	8	4	-	-	4-6	4-6	4000
	Aberdeen ...	1023.4	-6	ESE	2	c	45	75	8	5	-	-	9	9	4000
	Wick	1023.1	-6	S	2	c	45	85	8	4	-	8	7-8	10	2500
16	Lerwick ...	1020.8	-10	WNW	2	pr	44	85	8	8	7	-	7-8	9+	1500
17	Blacksod Point	1018.0	-16	ESE	5	c	49	55	7	-	1	-	0	9+	-
18	Malin Head ...	1021.0	-12	SE	2	c	52	75	7	5	9	2	4-6	9+	2500
	Aldergrove ...	1022.3	-6	SSE	3	3o	50	45	7	4	-	6	9	9+	4000
	Donaghadee ...	1023.3	-4	SE	2	bc	49	55	8	8	-	2	2-3	2-3	2500
19	Birr Castle ...	1020.5	-16	S	3	c	51	45	8	1	-	7	2-3	10	4000
20	Valentia Obay.	1016.3	-22	SE'S	6	rr	46	95	7	6	2	-	7-8	10	1500
	Roches Point...	1020.4	-14	SW	5	c	49	65	8	3	-	-	7-8	7-8	2500

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

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)...	1023.4	-2	N	2	bc	49	45	6	5	-	1	1	4-6	4000	0	*
	Croydon ...	1023.4	-2	N'E	2	bc	47	35	6	4	3	1	1	2-3	5700	0	*
	S. Farnborough	1023.4	-4	NE	1	bc	47	45	7	-	-	8	0	4-6	-	0	*
	Winchester ...	1023.0	-4	NNE	2	bc	49	55	7	-	-	2	0	4-6	-	0	*
	Boscombe Down	1022.8	-10	-	0	bc	49	45	6	5	-	2	2-3	4-6	5700	0	*
	Calshot, S'thmtn	1023.0	-6	S	1	bc	52	55	6	5	-	-	4-6	4-6	4000	0	1
	Dungeness ...	1024.1	+2	NW	2	c	*	*	7	8	-	*	7-8	7-8	1500	*	0
	Lympne ...	1024.1	+2	NWN	2	c	45	55	7	5	-	-	9	9	5700	0	*
2	Shoeburyness	1023.3	0	NNW	2	c	47	55	7	5	-	-	9	9	4000	0	*
	Felixstowe ...	1023.2	+2	ESE	1	c	45	75	7	5	-	-	7-8	7-8	2500	0	1
	Gorleston ...	1022.6	0	NWN	2	c	46	65	7	4	-	-	7-8	7-8	4000	0	2
	Cranwell ...	1023.4	0	NW	1	c	47	65	7	5	-	-	9+	9+	5700	0	*
3	Birmingham ...	1022.7	-8	ESE	2	c	47	55	5	-	-	2	0	7-8	-	0	*
	Upper Heyford	1023.3	-8	NNE	1	c	46	55	7	-	-	2	0	9	-	0	*
4	Ross-on-Wye ...	1022.2	-12	ESE	2	3o	49	55	6	5	1	6	2-3	9	4000	0	*
5	Portland Bill...	1023.6	-10	W	4	c	48	75	7	4	-	-	10	10	2500	0	3
	Plymouth ...	1023.8	-2	SSW	4	c	48	65	8	4	1	-	Tr.	10	4000	0	3
	The Lizard ...	1023.2	-4	SSE	3	o	48	65	8	5	-	-	10	10	2500	0	2
	Scilly (St. Mary's)	1021.1	-14	S'W	5	c	48	85	7	2	2	-	2-3	10	4000	0	3
	Guernsey ...	1024.4	-4	W	1	c	49	65	7	-	3	-	0	7-8	-	0	1
6	Pembroke ...	1021.7	-10	S	2	c	48	65	6	5	-	-	9+	9+	2500	0	1
7	Holyhead ...	1021.6	-14	S'W	1	c	46	65	7	-	1	-	0	9+	-	0	0
	Chester (Sealand)	1022.0	-18	E'S	3	c	49	55	6	5	-	6	2-3	7-8	4000	0	*
8	L'pool (Bidston)	1021.5	-14	ESE	3	3o	48	45	5	5	1	6	1	7-8	800	0	*
9	Harrogate ...	1022.8	0	-	0	c	45	65	6	5	-	-	10	10	4000	0	*
10	Spurn Head ...	1022.7	0	NNE	3	c	45	85	7	5	7	-	4-6	9	4000	0	2
	Catterick ...	1022.5	-8	NE	1	c	45	75	6	5	-	-	9+	9+	5700	0	*
	Tynemouth ...	1022.7	-6	ENE	2	bc	45	85	8	4	-	-	4-6	4-6	4000	0	1
11	Inchkeith ...	1022.4	-8	NE	1	c	46	65	8	5	-	-	9	9	4000	0	1
12	Leuchars ...	1021.6	-10	SSE	2	bc	45	55	8	5	-	-	2-3	2-3	4000	0	*
	Renfrew (Abbotts I.)	1021.0	-16	SSE	2	c	49	55	7	5	-	-	9	9	4000	0	*
	Eskdalemuir ...	1021.3	-16	SWW	1	bc	46	55	8	5	-	1	1	2-3	4000	1	*
13a	Tiree	1020.0	-16	SE'E	2	c	47	65	8	-	5	6	0	9	-	0	1
13b	Stornoway ...	1018.9	-8	SSE	2	bc	48	85	8	8	4	1	2-3	4-6	1500	1	!
15	Dalwhinnie ...	1020.7	-14	SW	3	c	45	55	8	4	2	-	4-6	10	5700	0	*
	Aberdeen ...	1021.9	-10	SSE	3	c	45	65	7	5	3	-	4-6	7-8	4000	1	1
	Wick	1021.9	-6	SE	2	c	44	75	8	5	1	8	7-8	9+	2500	0	1
16	Lerwick ...	1019.2	-6	WNW	2	c	45	75	8	5	7	-	4-6	9	1500	0	*
17	Blacksod Point	1013.9	-20	SE	6	RR	45	85	7	6	-	-	10	10	4150	1	5
18	Malin Head ...	1017.6	-16	SE	3	c	49	75	7	5	9	-	2-3	9+	2500	0	0
	Aldergrove ...	1020.5	-4	SE	4	c	46	65	7	5	7	-	7-8	9+	4000	0	*
	Donaghadee ...	1021.1	-6	SSE	2	c	47	55	8	5	3	-	4-6	7-8	1500	0	2
19	Birr Castle ...	1017.3	-20	S	3	o	47	65	8	5	-	-	10	10	2500	0	*
20	Valentia Obay.	1011.0	-34	SE'S	6	r,r,	47	95	8	6	-	-	10	10	1500	1	3
	Roches Point...	1016.7	-24	SW	6	rr	46	95	7	6	-	-	10	10	1500	1	6

PAST 24 HOURS.

District.	Stations. (For heights see p. 4.)	Weather. 7h.–13h. 22nd (37)	Weather. 13h.–18h. 22nd (38)	Weather. 18h. 22nd to 1h. 23rd (39)	Weather. 1h.–7h. 23rd (40)
1	London (Kew)...	cm,y	cy bc3o	bcybm,	bbcxm,
	Croydon ...	c3oy	c3oy	bmm,	bm,c
	S. Farnborough	cm,c	cbcy	bcybw	bcybwxc
	Winchester ...	cm,bccy	cbcy	bcyb	bbcc
	Boscombe Down	cbm,bcc	cybcy	bcyc	c
	Calshot, S'thmtn	c,b, cy3o	cy3o	bcc	cm,
	Dungeness ...	o	o	*	c
	Lympne ...	cm,cy	cy	cybm,	bxcm,
2	Shoeburyness	c	c	cbc	bcm,
	Felixstowe ...	cpr,	c	c,b	bxbcm,
	Gorleston ...	cph,	cbc	cbccb	bc
	Cranwell ...	cm,c	c	c	cm,
3	Birmingham ...	bcc	bc3	c	c
	Upper Heyford	bbccy	cy	cm,	cm,
4	Ross-on-Wye ...	b3bcy3o	bcyc3o	cyc	ccc
5	Portland Bill...	bcc	c	co	oir,
	Plymouth ...	b3bcy	cy	c	corrm,
	The Lizard ...	bccy	co	oqr	oqrr
	Scilly (St. Mary's)	bbcc	c	corr	rrir,
	Guernsey ...	bbcc	cbc	cbcco	oor,
6	Pembroke ...	bc3oc	cm,c	cqr,r,c	cq,r,cc
7	Holyhead ...	b3bcyc	cy	co3.o	r,r,
	Chester (Sealand)	c3oy	bccc3oy	cbbcm,	bccm,c
8	L'pool (Bidston)	cy	cybc3o	cybcc	coir
9	Harrogate ...	c	c	cb	bbccm
10	Spurn Head ...	bc	bc	cbcq	bcc
	Catterick ...	cy	c3o	3obcm,	xbmjc
	Tynemouth ...	coir,c	cbc	bcco	ocm,
11	Inchkeith ...	c	c	cbc	bcc
12	Leuchars ...	cbc	bcvy	bcybxm,	b,cbm,
	Renfrew (Abbotts I.)	c3oy	cy	cyb	bm,cm,
	Eskdalemuir ...	cvy	cvybc	byb	bbxbc
13a	Tiree	b	bbcc	c	c3o
13b	Stornoway ...	c	c	bcb,c	c
15	Dalwhinnie ...	bc	bc	*	bc
	Aberdeen ...	cbc	cbc	bcbx	bx
	Wick	cpr,c	bc	bc	bc
16	Lerwick ...	cpr	cpr	cpr	c
17	Blacksod Point	c	rr	iRq	bc
18	Malin Head ...	bcc	c	c	epr,
	Aldergrove ...	bcy3o	cy	cbc	ccr,
	Donaghadee ...	bc	bcc	bcc	coir,
19	Birr Castle ...	cy	co	orrc	c
20	Valentia Obay.	crr	crr r,r,	cc,c,cbc bccbc	
	Roches Point...	c	corr	oR	oirc

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).
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.

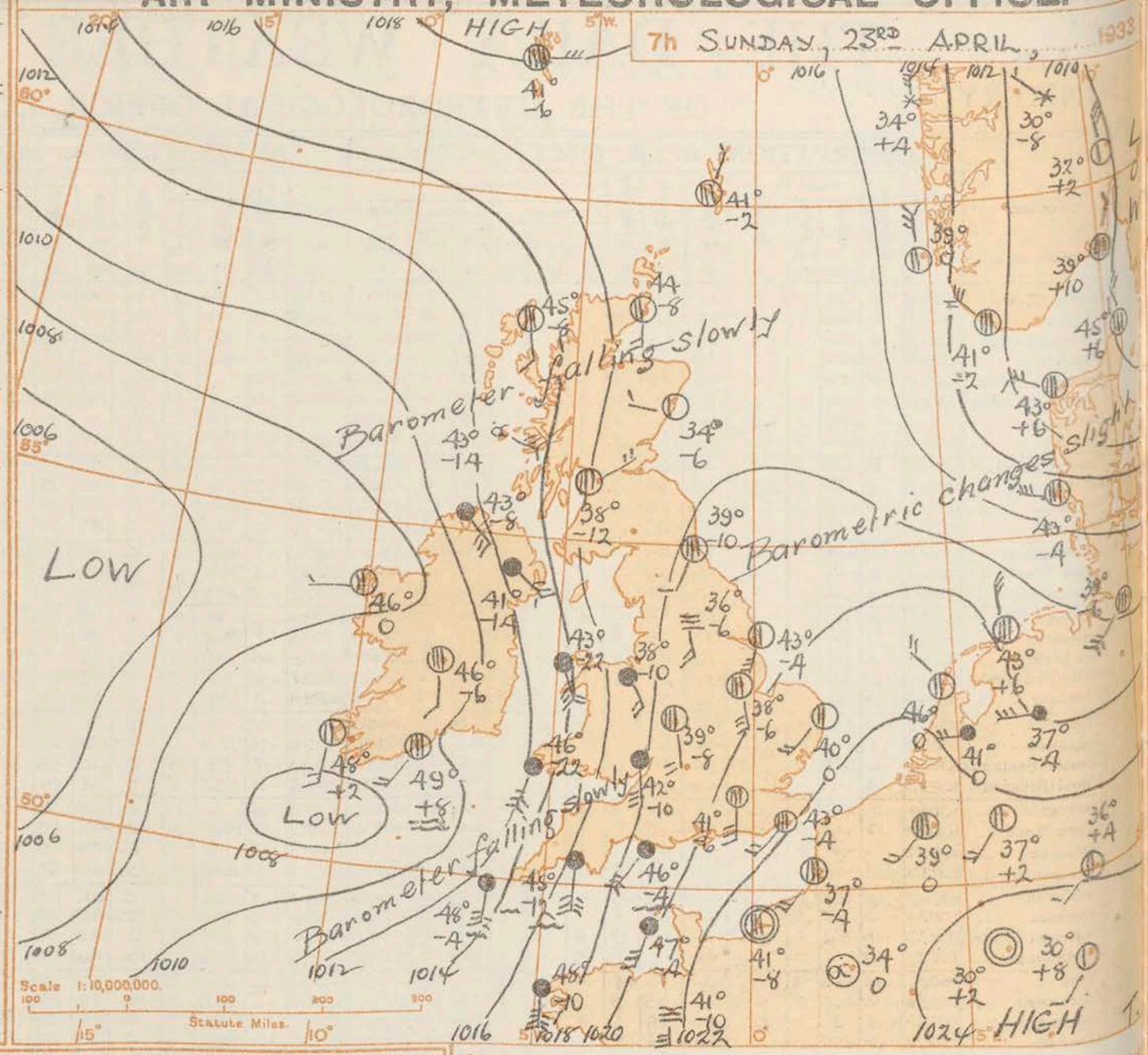
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 22nd April 1933.

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.	oco	oc	27	47	–	–	1.0	5.7
	Bournemouth	bc	obc	30	53	–	–	4.0	4.8
	Ventnor ...	cbco	obcc	36	53	–	–	2.9	5.0
	Southsea ...	cbbc	bc	32	53	–	–	3.7	4.8
	Bognor Regis	cbcbc	bccbc	33	51	–	–	2.9	4.1
	Littlehampton	bc	bc	32	51	–	–	2.2	3.6
	Worthing ...	bcc	c	35	50	–	–	3.5	3.6
	Brighton ...	bcb	bcb	33	?	–	–	2.1	3.1
	Eastbourne†	co	ocbc	35	49	–	–	1.0	5.5
	Hastings† ...	cbcbc	bc	35	53	–	–	1.2	7.5
	Folkestone ...	oc	c	34	48	–	–	0.1	7.9
	Dover... ...	yc	cy	35	48	–	–	0.2	6.9
	Deal	cbo	o	34	49	–	–	1.1	7.5
	Ramsgate ...	c	o	38	49	–	–	2.3	9.3
	Margate ...	bcc	c	40	48	–	–	1.5	8.7
2	Southend ...	c3	co	36	49	–	–	0.2	5.8
	Maldon ...	oc	co	34	49	–	–	0.3	5.1
	Clacton-on-Sea	c	c	37	49	–	–	0.3	3.4
	Dovercourt ...	oc	oc	37	49	–	–	0.5	4.0
	Lowestoft ...	cirbc	bcb	37	48	Trace	0.1	3.7	8.4
	Skegness ...	obc	ombc	38	48	–	–	6.4	11.2
	Mablethorpe	bcy	bcc	36	49	–	–	5.4	8.5
	Cleethorpes...	ocbc	bcco	39	50	–	–	2.6	8.8
3	Leamington S.	oc	c	36	50	–	–	2.5	6.1
4	Cheltenham†	b3bc	bcb3	37	52	–	–	8.3	7.9
5	Bath	bbc	cbc	36	53	–	–	6.0	3.6
	Weymouth ...	cybcc	bcy	32	53	–	–	5.5	4.4
	Jersey ...	bbc	bc	38	53	–	–	11.0	7.5
	Torquay ...	by	bbccy	37	54	–	–	8.2	7.1
	Penzance ...	bc	bco	32	52	–	–	5.4	2.8
	St. Ives ...	b	c	37	53	–	–	5.5	5.7
	Bude	bc	bcc	28	52	–	–	6.1	3.0
	Ilfracombe ...	bbcc	cbcc	37	52	–	–	5.1	7.0
6	Aberystwyth	cb3o	bbcc	31	50	–	–	10.2	6.5
7	Llandudno ...	bc	bcc	32	52	–	–	7.4	12.2
	Colwyn Bay...	bcbcc	bcbbc	33	50	–	–	7.3	12.2
	Rhyl	c	cbc	29	51	–	–	3.9	9.9
8	Wallasey ...	bcc	cbcc	35	50	–	–	2.1	4.2
	Southport‖ ...	cbco	oc	33	50	–	–	2.5	4.4
	Blackpool ...	c	c	31	51	–	–	3.3	6.9
	Morecambe ...	c	cbbc	33	50	–	–	4.1	9.0
9	Ilkley... ...	o	o	31	50	–	–	0.0	3.8
10	Berwick-on-T.	cbc	cbc	35	48	1	–	5.1	2.2
11	Dunbar ...	rbc	bc	39	48	Trace	–	4.5	3.4
12	Troon... ...	cbcc	cbc	38	52	–	–	1.6	6.4
	Douglas ...	bccb	bccb	33	50	–	–	6.8	8.8

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 23rd. April, 1933.
1. S.E. England 2. E. England...	Wind south, moderate; fair at first; rain probable in most areas later; milder.
3. E. Midlands 4. W. Midlands	Wind southerly, moderate; dull, occasional rain; becoming milder.
5. S.W. England 6. South Wales 7. North Wales	Wind south to southwest, fresh, strong at first on coast; dull, occasional rain or drizzle; rather mild.
8. N.W. England 9. N Midlands	As 3 - 4.
10. N.E England 11. S.E. Scotland	Wind mainly southerly, moderate; cloudy early, then occasional rain; becoming milder.
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 southeast, moderate to fresh; a period of continuous rain; becoming milder. As 10 - 11.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind light variable, freshening from south or southwest later; local showers and bright periods at first; more general rain spreading northeast later; moderate to fresh, then 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 1/10 to 7/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet. ≡ Fog. ≡ Mist. T Thunder. ⊠ Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A large complex low pressure system covers the Eastern Atlantic and a secondary off South Ireland will move northeast. Rain will spread to most of England and Scotland and further rain will set in in the Southwest later. Weather will be milder generally.

FURTHER OUTLOOK.

Unsettled and milder conditions generally, especially in the West.

Forecasts issued at 1100 G.M.T.

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

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

Morning of

SUNDAY,

23RD APRIL,

1933.

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

Lambert'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.

0 = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 23rd April 1933.

No. 26,085

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

District.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1023.0	-6	S'E	2	b	35	75	6	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8														
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1023.5	-2	NW	2	b	37	75	6	-	-	-	0	0	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	1022.6	0	SW'W	2	bc	40	85	7	4	-	-	4-6	4-6	4000
	Cranwell ...	240														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1021.3	-6	SSW	3	0	47	75	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	1018.4	-14	S'E	5	0	47	95	6	5	-	-	10	10	1500
	Scilly (St. Mary's)	183	1015.3	-28	S'W	6	rr	47	95	6	6	-	-	10	10	2500
	Guernsey ...	175	1022.1	-8	S'E	2	0	47	85	7	5	-	-	10	10	4000
6	Pembroke ...	142	1015.8	-20	S	5	r.r.	46	85	6	3	-	-	10	10	800
7	Holyhead ...	26	1017.9	-18	SSE	4	c	46	65	6	-	2	-	0	10	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1021.3	-2	SSW	2	bc	43	95	7	-	1	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	1020.8	-8	SW	2	0	43	85	6	5	-	-	10	10	1500
11	Inchkeith ...	190	1020.3	-6	SSW	2	bc	41	75	7	5	-	-	2-3	2-3	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts L.)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1016.1	-12	-	0	c	40	95	8	8	7	-	4-6	7-8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1019.3	-6	S	2	bc	40	95	8	5	4	-	2-3	4-6	2500
16	Lerwick ...	54	1017.6	-4	-	0	c	42	75	7	5	-	-	9+	9+	1500
17	Blacksod Point	18	1008.6	-14	SE	5	iR	44	95	7	5	-	-	9+	9+	<150
18	Malin Head ...	52	1014.2	-20	SE	4	r	44	95	7	6	2	-	9	10	1500
	Aldergrove ...	298	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1008.8	0	SE'S	3	ir.	50	95	6	3	-	-	10	10	1500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1020.8	0	-	0	bc	38	85	5	-	-	1	0	4-6	-	0	*
1021.0	-6	S'W	3	c	41	85	6	-	-	8	0	7-8	-	0	*
1020.7	-2	SSE	2	c	38	85	6	-	4	6	0	7-8	-	0	*
1019.9	-10	SE	1	c	39	85	7	5	-	-	10	10	5700	0	*
1019.2	-12	SE	3	c	42	85	7	5	1	-	4-6	10	4000	0	*
1020.0	-4	SE'S	3	c	46	75	6	-	7	-	0	10	-	0	2
*	*	SW'S	2	c	*	*	6	7	7	*	4-6	7-8	1500	*	0
1022.0	-4	SW'W	2	c	43	85	6	5	3	-	7-8	9+	4000	0	*
1021.5	-10	SSE	1	c	40	85	6	5	-	-	7-8	7-8	5700	0	*
1021.7	-8	-	0	bc	40	95	5	-	-	2	0	4-6	-	0	0
1021.2	0	SW	2	bc	40	85	7	-	4	-	0	4-6	-	0	1
1019.8	-6	SSE	3	c	38	75	6	5	-	-	10	10	4000	0	*
1018.8	-8	SSE	2	c	39	75	6	-	7	8	0	9	-	0	*
1019.8	-6	SSE	3	3c	39	85	6	-	-	7	0	9+	-	0	*
1018.0	-10	S	3	ic	42	85	6	6	2	-	Tr	10	2500	1	*
1019.1	-4	SW	5	ic	46	95	7	5	-	-	10	10	1500	1	4
1016.5	-12	S	6	rr	45	95	5	6	-	-	10	10	450	1	4
1014.7	-10	S'E	6	rr	46	95	6	6	-	-	10	10	1500	1	4
1012.5	-4	SSW	5	ic	48	95	6	6	2	-	7-8	10	1500	1	4
1013.9	-4	SSW	3	r.c.	47	85	7	8	-	-	10	10	1500	0	3
1011.9	-22	SSW	5	ic	46	95	6	6	-	-	10	10	800	1	3
1013.7	-22	SE'S	5	r.c.	43	95	6	6	2	-	9+	10	1500	1	2
1017.2	-10	SE'S	2	r.c.	39	85	6	5	-	-	10	10	800	1	*
1016.7	-14	SSE	4	r.c.	39	85	6	6	-	-	10	10	1500	1	*
1018.9	-6	S	2	m	36	85	4	5	1	-	7-8	10	1500	0	*
1019.9	-4	SSW	3	bc	43	85	6	5	2	8	2-3	4-6	800	0	2
1018.7	-8	SSE	2	c	36	95	5	5	-	-	9+	9+	7200	0	*
1018.6	-10	SSW	1	c	39	95	5	4	-	-	9	9	4000	0	1
1017.2	-10	S	2	c	40	75	6	5	3	-	4-6	7-8	1500	0	1
1017.8	-8	WNW	1	3c	33	95	6	-	3	8	0	7-8	-	0	*
1016.4	-12	ENE	2	c	38	85	6	-	1	-	0	9	-	0	*
1016.9	-6	N	2	c	35	85	7	-	3	2	0	7-8	-	1	*
1013.4	-14	E'S	4	3c	43	75	6	5	7	8	4-6	9+	2500	0	3
1013.4	-8	SSE	1	c	45	95	8	8	6	-	7-8	9+	1500	1	1
	-12	S	2	c	37	75	8	4	1	-	4-6	7-8	2500	0	*
1017.5	-6	WNW	1	b	34	95	7	-	3	-	0	Tr	-	1	1
1017.3	-8	S	2	bc	44	95	8	5	3	-	2-3	2-3	4000	0	2
1016.9	-2	NNE	1	c	41	85	8	5	7	-	4-6	9+	1500	0	*
1007.8	0	W	1	bc	46	95	9	2	-	4	1	2-3	800	0	2
1010.5	-8	SE	3	ic	43	95	7	8	1	-	9	10	1500	1	0
1012.5	-14	SE	4	ic	41	85	7	6	-	-	10	10	800	1	*
1013.7	-14	SE	4	ic	42	85	7	6	-	-	10	10	800	1	3
1008.1	-6	S	1	c	46	95	8	5	4	-	4-6	7-8	2500	1	*
1009.5	+2	S'W	2	bc	48	95	8	5	-	1	4-6	4-6	800	1	3
1010.0	+8	SW	2	c	49	95	7	5	-	-	9	9	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 22nd Hrs. (36)
49	32	21	-	-	1.6
48	33	28	-	-	1.0
52	33	20	-	-	6.5
52	31	24	-	-	6.6
51	34	32	-	-	6.0
52	39	37	-	-	3.5
49	30	*	-	-	*
46	35	24	-	-	0.1
48	28	19	-	-	0.3
48	31	22	Tr.	-	0.5
47	35	30	Tr.	-	3.9
49	31	26	-	-	0.4
49	36	31	-	-	3.4
49	34	25	-	-	*
53	41	35	-	0.1	9.1
50	44	*	-	Tr	8.9
52	44	42	-	8	*
53	46	*	-	15	5.1
52	45	*	-	15	10.8
53	43	*	-	Tr	*
50	44	*	-	10	5.9
53	42	41	-	2	8.4
52	36	31	-	Tr	2.6
48	39	37	-	0.2	2.1
48	32	27	-	-	0.9
51	38	*	-	Tr	4.1
48	30	26	-	-	0.4
47	38	34	0.3	-	*
51	39	32	-	-	2.0
52	29	22	-	-	3.2
52	32	28	-	-	1.9
47	29	25	-	-	1.5
51	42	37	-	-	8.9
48	39	*	-	-	3.1
52	25	13	-	-	1.2
49	32	27	-	-	*
45	33	*	Tr	-	2.3
46	40	*	0.5	0.5	*
49	42	*	1	4	6.7
54	42	*	-	1	8.1
52	41	37	-	1	*
52	41	*	-	2	*
51	42	41	-	2	3.5
49	47	44	23	3	0.0
50	43	*	4	21	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations, except Greenwich & Hampstead rainfall, 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.y	cybc3.	beybbcym	49	32	21	-	-	1.6	*	*	6
Croydon	217	c3.y	c3.y	bmm.c	48	33	28	-	-	1.0	*	*	6
Greenwich (Royal Observatory) ...	149	cy	cy	cb.c	48	31	23	-	-	0.1	56	64	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.2	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	47	34	27	-	-	0.0	49	63	*
‡Regents Pk. (Botanic Gardens) ...	168	*	*	*	51	37	26	-	-	0.1	46	59	*
Camden Square	110	c	cbc	*	47	34	26	-	-	*	*	66	*
Kensington	80	xco	co	*	48	34	25	-	-	0.0	At 18h.	64	*
Hampstead Observatory	450	c	c	bc	46	36	31	-	-	0.2	54	67	*

FOREIGN OBSERVATIONS.

18h. G.M.T. 22nd April

Stations.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1023.5	NNW	3	c	46
Brussels	1022.6	NW	2	c	46
Berlin	1019.2	WNW	1	c	41
Zürich	1019.9	WNW	2	c	36
Rome	?	ESE	1	c	41

7h. G.M.T. 23rd April

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1023.9	-	0	1c	34
1022.6	SW	2	c	39
1019.1	WSW	2	b	39
1022.6	NW	1	0	34
1005.8	N	3	d.d.	45

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
52	27	-	-
52	30	-	Tr
41	30	-	-
45	32	3	3
64	45	-	5

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

SOUTH KENSINGTON.

Max.	Time.	Min.	Time.
1.1	23-24h 22nd	<0.3	10-15h 22nd

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
0.8	22h 22nd	<0.1	12h 22nd

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.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 24th April 1933.

No. 26.086

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	1019.3	-8	S'W	4	c	51	55	8	5	2	-	2-3	10	2500
	Croydon	1019.5	-10	SW	4	c	51	45	7	7	3	-	7-8	9	2500
	S. Farnborough	1019.1	-6	S'W	5	c	51	55	7	5	2	-	7-8	10	2500
	Winchester	1018.8	-2	S	4	C	46	85	7	5	2	-	7-8	10	2500
	Boscombe Down	1018.0	-6	S'E	5	C	46	75	7	5	2	-	9	10	1500
	Calshot, S'thmtn	1019.2	-2	S	5	c/r	48	75	7	5	2	-	4-6	10	2500
	Dungeness	*	*	SW	3	c	*	*	7	7	6	*	4-6	7-8	1500
	Lympne	1021.1	-10	SSW	4	c	52	65	7	2	3	8	.1	9	4000
2	Shoeburyness	1019.8	-10	S	4	c	54	55	7	5	2	-	7-8	9	5700
	Felixstowe	1020.4	-10	SE'S	3	3o	51	85	6	7	-	6	2-3	7-8	4000
	Gorleston	1019.7	-10	SE'S	5	c	47	85	6	4	-	-	9+	9	2500
	Cranwell	1018.1	-8	S'W	4	r.r.	48	75	7	6	1	-	9	10	1500
3	Birmingham	1016.8	-8	S	3	r.r.	44	95	6	6	-	-	10	10	800
	Upper Heyford	1018.1	-6	S	3	ir	47	75	7	5	2	-	7-8	10	1500
4	Ross-on-Wye	1016.1	-10	S'E	4	c	46	85	7	5	-	-	10	10	2500
5	Portland Bill	1017.4	-6	SSW	5	id	46	95	7	5	-	-	10	10	1500
	Plymouth	1015.2	-6	S'E	6	o/r	47	95	6	5	-	-	10	10	450
	The Lizard	1014.2	0	S'E	4	3.	50	95	5	5	-	-	10	10	800
	Scilly (St. Mary's)	1013.5	+4	SW	2	ir	52	95	2	5	-	-	10	10	4150
	Guernsey	1019.1	-6	SSE	5	o/d	46	95	7	8	-	-	10	10	1500
6	Pembroke	1012.7	+4	SSW	3	c/pr	49	95	5	8	2	-	7-8	10	1500
7	Holyhead	1012.1	-4	S	5	o/r	48	95	6	6	-	-	10	10	450
	Chester (Sealand)	1014.5	-14	SE'S	4	c/r	46	85	6	6	2	-	9	10	800
8	L'pool (Bidston)	1014.2	-12	SE'S	4	c/r	43	95	7	6	1	-	7-8	10	1500
9	Harrogate	1016.6	-6	S	2	ir	46	75	5	6	2	-	7-8	10	2500
10	Spurn Head	1017.5	-6	SSW	4	c	54	75	6	5	3	-	4-6	9	1500
	Catterick	1016.0	-14	SE	4	ir	49	55	6	-	2	-	0	10	-
	Tynemouth	1016.0	-10	SE	3	c	47	75	7	4	1	-	4-6	7-8	1500
11	Inchkeith	1014.9	-8	NE	3	c	48	75	7	2	-	4	4-6	7-8	4000
	Leuchars	1015.4	-12	E	4	3o	50	65	6	1	3	2	7-8	7-8	4000
12	Renfrew (Abbotsl.)	1014.2	-2	SE	3	3o	50	55	6	8	2	-	2-3	10	2500
	Eskdalemuir	1014.0	-10	S'E	4	c	50	45	7	5	3	-	4-6	9+	2500
13A	Tiree	1012.8	0	SE'E	4	3o	47	75	6	5	2	-	7-8	10	1500
13B	Stornoway	1012.7	0	SE	2	bc	49	85	7	8	4	-	2-3	4-6	2500
15	Dalwhinnie	1014.2	-12	S	2	c	51	45	7	4	1	-	4-6	7-8	1500
	Aberdeen	1016.1	-2	SE	3	b	50	55	7	-	-	-	0	0	-
	Wick	1016.6	-4	E	3	bc	46	85	8	7	8	8	2-3	4-6	4000
16	Lerwick	1017.5	+6	ESE	2	c	42	75	8	5	2	-	4-6	10	1500
17	Blacksod Point	1020.0	+12	WSW	1	bc	54	65	9	2	-	-	2-3	2-3	1500
18	Malin Head	1020.3	0	E'S	2	c	47	95	7	8	7	-	9	9+	1500
	Aldergrove	1021.1	-2	ESE	5	id.	46	85	6	5	-	-	10	10	800
	Donaghadee	1021.1	-6	SSE	4	id.	44	95	7	6	-	-	10	10	800
19	Birr Castle	1020.3	+6	S	1	c	61	45	8	1	-	8	4-6	7-8	4000
20	Valentia Obsy.	1019.8	0	S	3	c	55	75	8	2	3	9	7-8	7-8	2500
	Roches Point	1021.2	+6	SW	3	bc	54	96	8	3	-	9	2-3	4-6	2500

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

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
London (Kew)	1017.5	-6	S'W	4	c	49	85	7	5	2	-	7-8	9+	2500	0	*
Croydon	1018.4	-4	SSW	4	c	48	55	7	5	7	-	4-6	9+	5700	0	*
S. Farnborough	1017.6	-6	S	5	o	47	75	7	5	-	-	10	10	2500	0	*
Winchester	1017.3	+2	S	3	d.d.	44	95	4	5	-	-	10	10	220	0	*
Boscombe Down	1016.6	-6	S'E	5	d.d.	44	95	5	6	-	-	10	10	220	1	*
Calshot, S'thmtn	1017.7	-6	S'E	5	id.	47	95	6	5	2	-	7-8	10	800	0	3
Dungeness	*	*	SW	2	c	*	*	7	5	-	*	9+	9+	1500	*	1
Lympne	1019.3	-8	S	2	c	47	65	8	5	1	-	9	9+	5700	0	*
Shoeburyness	1018.4	-10	SSW	3	c	50	55	7	5	2	-	7-8	9+	4000	0	*
Felixstowe	1018.6	-6	S	4	c	50	75	7	5	7	-	2-3	9	4000	0	2
Gorleston	1017.9	-6	S	4	c	51	85	6	4	-	-	9+	9+	2500	0	3
Cranwell	1016.3	-8	S'W	3	ir	45	95	7	6	2	-	9	10	2500	1	*
Birmingham	1016.8	-6	SSW	3	ir	45	85	7	6	-	-	10	10	800	1	*
Upper Heyford	1016.7	-8	SW	3	id.	45	85	6	5	2	-	7-8	10	800	0	*
Ross-on-Wye	1015.3	-8	S	3	o	47	85	7	5	-	-	10	10	2500	0	*
Portland Bill	1015.4	-10	S	6	id.	48	95	7	5	-	-	10	10	1500	0	5
Plymouth	1014.0	-8	SSE	4	o	50	95	5	5	-	-	10	10	4150	1	4
The Lizard	1013.8	-2	S'E	2	rf	50	95	1	5	-	-	10	10	220	1	2
Scilly (St. Mary's)	1013.4	-2	SSW	2	rf	51	95	3	5	-	-	10	10	4150	1	2
Guernsey	1017.3	-10	SW	5	o	48	95	7	5	-	-	10	10	1500	0	4
Pembroke	1011.7	-2	SW	3	c	49	95	5	5	-	-	10	10	800	1	2
Holyhead	1012.1	-2	S	4	ir	48	95	6	5	-	-	10	10	220	1	1
Chester (Sealand)	1013.1	-8	S'E	4	bc	50	75	7	5	-	8	4-6	4-6	2500	1	*
L'pool (Bidston)	1011.9	-6	S	3	c/r	49	85	6	8	-	-	7-8	7-8	1500	2	*
Harrogate	1014.8	-6	S	1	r.r.	43	95	4	6	2	-	9	10	4150	1	*
Spurn Head	1015.8	-6	SSW	4	c	48	75	6	5	2	-	4-6	9+	1500	0	3
Catterick	1014.5	-8	SE	3	r.r.	44	85	6	6	2	-	9	10	1600	1	*
Tynemouth	1014.8	-6	S	3	o/r	47	75	6	6	-	-	10	10	1500	1	1
Inchkeith	1012.3	-4	SSE	3	c	50	65	6	8	7	-	7-8	9	2500	0	2
Leuchars	1013.8	-8	ESE	4	c	47	75	7	5	3	8	1	7-8	4000	0	*
Renfrew (Abbotsl.)	1012.7	-6	SSE	2	3o	50	65	6	5	3	-	4-6	7-8	4000	0	*
Eskdalemuir	1013.1	-6	SE'S	3	c	44	75	6	5	-	-	9	9	2500	1	*
Tiree	1012.0	-4	SE'E	4	c	46	75	7	5	2	-	9	10	1500	0	3
Stornoway	1011.0	+4	NE	3	c	47	95	8	4	9	1	4-6	7-8	2500	0	1
Dalwhinnie	1013.6	-4	S	2	c	47	65	7	4	4	-0	4-6	10	1500	0	*
Aberdeen	1015.2	-4	SE	3	bc	45	85	7	-	3	5	0	2-3	-	0	1
Wick	1014.7	-6	E	4	bc	45	95	7	5	-	-	2-3	2-3	4000	0	2
Lerwick	1017.5	0	SE	2	c	41	75	8	5	3	-	4-6	7-8	1500	0	*
Blacksod Point	1018.3	-6	-	0	c	54	65	9	4	7	4	2-3	7-8	800	0	1
Malin Head	1019.3	-4	E'S	2	c	47	95	7	4	-	-	7-8	7-8	2500	0	1
Aldergrove	1019.5	-2	ENE	2	3o	47	95	5	5	-	-	7-8	7-8	450	1	*
Donaghadee	1019.8	-4	SE	3	id.	46	95	7	6	-	-	10	10	800	1	3
Birr Castle	1020.1	-8	S	1	c	60	55	8	1	1	-	4-6	9+	4000	0	*
Valentia Obsy.	1020.5	-6	S'E	4	r.r.	51	95	7	5	2	-	7-8	10	1500	1	2
Roches Point	1020.5	-4	SW	3	df	50	95	3	5	-	-	10	10	4150	1	4

PAST 24 HOURS.

Stations.	WEATHER. 7h.–13h. 23rd (37)	13h.–18h. 23rd (38)	18h.–1h. 23rd–24th (39)	1h.–7h. 24th (40)
London (Kew)	bc.m.c	c	co	or.r.m.c
Croydon	c3.y	cy	cy.or.	or.r.m.
S. Farnborough	cm.cy	cyc	cod.d.	orr
Winchester	cir.	cod.d.m	od.d.rr.	orr.m.
Boscombe Down	cir.c	oid.m.	od.d.r	orr.m.
Calshot, S'thmtn	cm.	cid.		or.r.
Dungeness	o	o	*	r
Lympne	c	cbc.yc	c	crr
Shoeburyness	bcc	c	cir.	cr.r.m.
Felixstowe	bc.m.3o.	bc3o.c.c.	c	corr.m.
Gorleston	bc.y	cy	cp.r.or.	cor.
Cranwell	c3.cr.	cr.r.rr	cr.r.r	od.fe
Birmingham	or.r.	or	air	or.
Upper Heyford	c3.r.	c3.d.	cd.rm.	orr.m.
Ross-on-Wye	r.c	co	og	or.r.
Portland Bill	iroid	idid.	oir.r.	or.f3o
Plymouth	orrrdm.	om.id.	ofrrr.	ofrrid.
The Lizard	om	om.fff.r	Ff.d.	Ff.d.
Scilly (St. Mary's)	ir.if	ff.ir.	ff.ir.	ff.ir.
Guernsey	orr.d	o	oir.	or.ir
Pembroke	cap.r.m.c	cm.c	c.f.f.e.f.e.d.d.o	F.r.c
Holyhead	Ri.r.q.c	q.r.o.m.o	r.off.o.m.	cm.r.r.c
Chester (Sealand)	or.r	bc.pr.	bc.pr.	coir.
L'pool (Bidston)	orrcr	r.c.o.ir	c3e.bc	bt.e.rnd
Harrogate	bc.c.ir.	c.r.r.	c.r.c	c.o.f.f
Spurn Head	bc	c.p.r.c	p.r.c	c.p.r
Catterick	cm.3o.or.	o.f.c.r.r.	r.n.d.m.c	om
Tynemouth	cm.	c.o.ir.	oir.o	oir.
Inchkeith	bc.c	c	c.b.c	bc.c
Leuchars	c.c.b.y.m.	bc.c.m.c	c.b.c m.	c.o.m.
Renfrew (Abbotsl.)	cm.3o.y	c3o.y	bc3o.c.m.	cm.
Eskdalemuir	bc.y.c.y	c.y.c	c	c
Tiree	c3.	c3.	c	c3.
Stornoway	c.b.c	bc.c	c	cm.
Dalwhinnie	c	c	*	c
Aberdeen	b	by	b	bcom.
Wick	bc	bc	bc	bc.c
Lerwick	c	c	c.b.c.w	bc.y
Blacksod Point	bc	bc	c	PRc
Malin Head	c.p.r.	c	bc	bc.c
Aldergrove	cr. oid.	oid. o.m.	cm. b	cr.
Donaghadee	oid.	oid.	id. 5o	oid.
Birr Castle	cy	cy	c	corr.
Valentia Obsy.	bc.c	cr. r.	c.c.c.i.r.c	cir.r.T.
Roches Point	cbc	bc.o.f.f.d.f	F.d.d	oir.f.f.e

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

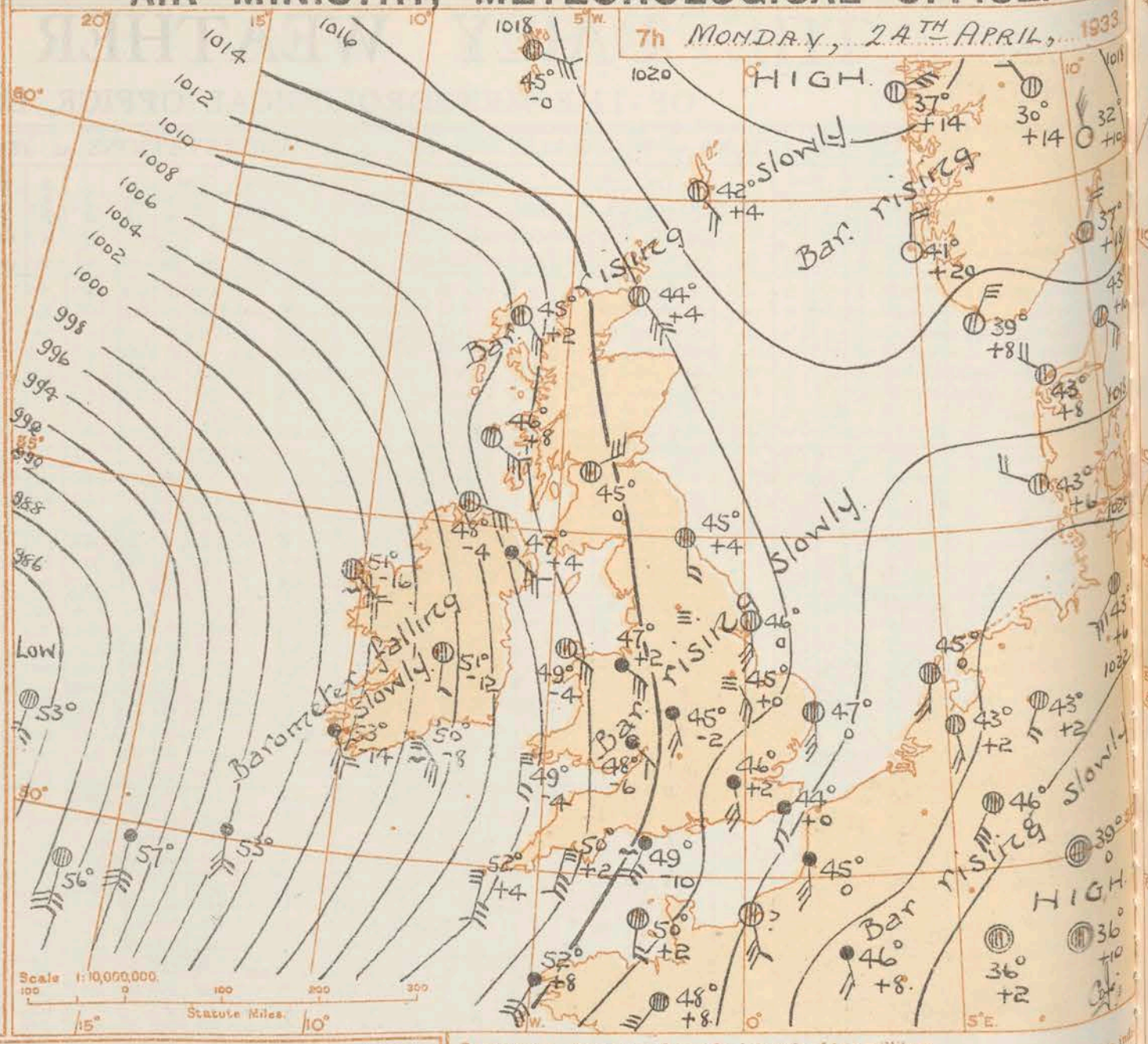
REPORTS from HEALTH RESORTS for 23rd April 1933.

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.	bc	oco	28	55	-	-	4.1	1.3
	Bournemouth	o	do	41	50	-	Trace	0.0	4.2
	Ventnor ...	oco	of	43	51	-	-	0.4	3.1
	Southsea ...	c	co	39	52	-	-	0.1	4.3
	Bognor Regis	bcc	crc	37	50	-	Trace	1.0	2.9
	Littlehampton	bc	bcc	32	50	-	-	~~3.0~~ 8	2.9
	Worthing ...	cbc	c	35	52	-	-	2.0	4.0
	Brighton ...	bc	bco	34	51	-	-	2.0	2.8
	Eastbourne†	bcc	cbco	34	54	-	-	5.8	1.5
	Hastings† ...	cbcbb	bcbcc	39	53	-	-	4.9	1.2
	Folkestone ...	x bc	bc	33	53	-	-	7.0	0.1
	Dover... ...	y bc	bccy	32	53	-	-	7.3	0.2
	Deal	cbcb	bbct	33	55	-	-	6.8	1.1
	Ramsgate ...	b	bc	38	54	-	-	7.7	2.3
	Margate ...	bc	bc	38	55	-	-	7.4	1.5
2	Southend ...	cbc	co	39	56	-	-	4.1	0.2
	Maldon ...	bc	bcc	33	56	-	-	3.6	0.3
	Clacton-on-Sea	bccbc	bcc	37	52	-	-	5.2	1.1
	Dovercourt ...	bc	bcc	35	54	-	-	6.4	0.5
	Lowestoft ...	cbcbc	bcc	30	51	-	-	7.3	3.7
	Skegness ...	b	bc or	36	55	Trace	0.4	7.1	6.4
	Mablethorpe	c	cor.	33	54	-	Trace	5.7	5.4
	Cleethorpes ...	bcc	cor.	32	56	-	0.2	5.6	2.6
3	Leamington S.	orc	cro	35	47	-	2	0.0	2.5
4	Cheltenham†	ir.	om.	39	48	Trace	0.5	0.0	0.0
5	Bath	circ	c	38	48	0.3	Trace	0.0	6.1
	Weymouth ...	Pbc	c	42	48	0.2	-	0.0	5.5
	Jersey ...	cpc	c	43	49	-	Trace	0.0	11.2
	Torquay ...	ordqm	odqid	44	49	3	1	0.0	8.2
	Penzance ...	ro	o	45	52	2.4	-	0.0	5.4
	St. Ives ...	m	o	46	55	2.8	Trace	0.0	5.5
	Bude	ro	o	43	53	3	-	0.0	6.1
	Ilfracombe ...	cbcc	codc	43	54	0	0.1	1.0	5.1
6	Aberystwyth	crc	c	42	52	0.5	-	0.7	10.2
7	Llandudno ...	dr. c	cbc	40	53	2	1	0.1	7.5
	Colwyn Bay...	rorrq	rcrbc	38	52	0.5	2	0.6	7.7
	Rhyl	cor	rc	39	52	1	2	0.0	3.9
8	Wallasey ...	orr	oirc	40	50	-	7	0.0	2.1
	Southport‖ ...	orc	or	39	48	1	7	0.0	2.6
	Blackpool ...	orr	oro	39	47	1	7	0.0	3.3
	Morecambe ...	c	crror	41	46	-	6	0.0	4.7
9	Ilkley... ...	o	or	31	49	-	7	0.0	0.0
10	Berwick-on-T.	bc	bcco	34	48	-	-	4.9	6.3
11	Dumbar ...	bcm.	bc	37	52	-	-	4.1	4.8
12	Troon... ...	co	oroc	38	48	-	0.5	1.6	2.1
	Douglas ...	orr	m.o.c.	41	46	4	3	0.0	6.9

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h MONDAY, 24TH APRIL, 1933



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 24th April, 1933
1. S.E. England 2. E. England 3. E. Midlands	Light or moderate southerly wind; dull or cloudy; intermittent rain or drizzle; local mist or fog on coast and hills; rather mild.
4. W. Midlands	Light or moderate southeast or south wind; dull or cloudy; occasional rain or drizzle; becoming milder.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Moderate south or southwest wind, fresh locally; cloudy; local drizzle, perhaps rain later; coastal and hill fog; rather mild.
9. N Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Moderate southeast or south wind; dull; rain, then occasional drizzle; fog on hills; becoming milder.
13. A. W Scotld. B. N.W. Scotland. 14. Mid-Scotland 15. N.E. Scotland	Moderate southeast wind, fresh locally; cloudy or dull; rain or drizzle later; becoming milder.
16. Orkneys and Shetlands.	Moderate southeast wind; fair at first, perhaps rain later; moderate temperature.
17. N.W. Ireland 18. N.E. Ireland	Moderate or fresh southeast or south wind; cloudy; occasional rain; rather mild.
19. S.E. Ireland 20. S.W. Ireland	Moderate or fresh south or southwest wind, strong locally; cloudy; occasional rain; rather mild.

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

GENERAL INFERENCE.

A complex depression westward of Ireland is spreading east slowly. Weather will be dull or cloudy generally, with drizzle or rain in most districts. Conditions will become milder in the North.

FURTHER OUTLOOK.

Unsettled and rather mild.

Forecasts issued at 0910 G.M.T.

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

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

Morning of
MONDAY,
24TH APRIL,
1933.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 24th April 1933.

No. 26.086

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	°Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1017·3	-10	S'W	3	r.r.	45	95	7	6	-	-	10	10	1500
	S. Farnborough	287	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8														
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1018·7	-4	SSW	3	c	47	65	8	5	-	-	10	10	4000
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	1017·4	-8	S'E.	3	0	47	95	7	5	-	-	10	10	1500
	Cranwell ...	240														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1014·7	-2	SSW	5	r.r.	48	95	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	1012·8	0	S	3	dF	51	95	1	5	-	-	10	10	220
	Scilly (St. Mary's)	163	1011·0	-4	SSW	4	f	51	95	2	5	-	-	10	10	<150
	Guernsey ...	175	1016·4	-8	S	3	r.	47	95	5	6	-	-	10	10	1500
6	Pembroke ...	142	1011·8	-6	SSE	2	dF	49	95	12	5	-	-	10	10	<150
7	Holyhead ...	26	1012·3	-4	S'E.	3	c	49	95	6	5	2	-	7-8	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1015·4	-2	SSW	4	c	45	95	7	5	2	-	4-6	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	1014·5	0	SSE	2	0	45	95	7	6	-	-	10	10	1500
11	Inchkeith ...	190	1013·8	+2	ESE	1	bc	44	95	7	5	-	-	4-6	4-6	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts L)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	94	1010·9	+2	-	0	c	46	95	7	5	-	-	9+	9+	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1015·2	+4	SE	4	bc	44	96	8	5	1	8	4-6	4-6	2500
16	Lerwick ...	54	1013·5	+4	-	0	bc	39	75	8	5	-	-	4-6	4-6	1500
17	Blacksod Point	18	1005·3	-8	SE	2	PR	51	95	7	6	-	-	10	10	<150
18	Malin Head ...	52	1009·2	-6	E	2	bc	46	95	7	4	-	-	4-6	4-6	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1004·9	-10	S	3	rr	51	95	6	6	-	-	10	10	1500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)...	1016·0	0	SSE	3	r.r.	47	95	6	6	2	-	4-6	10	1500	1	*
	Croydon ...	1016·6	+2	S'E	3	r.r.	46	95	6	6	-	-	10	10	800	1	*
	S. Farnborough	1015·5	-4	SSE	3	dr	46	95	6	6	-	-	10	10	450	1	*
	Winchester ...	1014·7	0	SE	3	rr	46	95	6	6	-	-	10	10	450	1	*
	Boscombe Down	1014·2	-4	SE	3	r.r.	46	95	5	6	-	-	10	10	<150	1	*
	Calshot, (S'thmtn)	1014·3	0	ESE	3	d.d.	47	95	4	5	-	-	10	10	220	1	2
	Dungeness ...	*	*	S	2	rr	*	*	6	3	2	*	7-8	9	1500	*	2
	Lympne ...	1017·6	0	S'W	2	rr	44	95	6	6	2	-	9	10	800	1	*
2	Shoeburyness	1016·9	0	S'E	3	r.r.	46	95	6	6	7	-	4-6	10	2500	1	*
	Felixstowe ...	1017·5	+2	S'E	3	rr	47	95	6	6	-	-	10	10	800	1	2
	Gorleston ...	1016·8	0	S	3	o/r	47	95	6	6	-	-	10	10	1500	0	2
	Cranwell ...	1015·4	0	SSE	3	.f+	45	95	2	5	-	-	10	10	<150	1	*
3	Birmingham ...	1014·4	-2	SSE	2	ir.	45	95	5	6	-	-	10	10	800	1	*
	Upper Heyford	1015·0	0	SSE	3	rr	45	95	5	6	-	-	10	10	800	1	*
4	Ross-on-Wye ...	1013·3	-6	E'S	1	r.r.	48	95	6	6	-	-	10	10	1500	1	*
5	Portland Bill...	1013·1	-10	SSW	4	d.d.	49	95	6	5	-	-	10	10	1500	1	4
	Plymouth ...	1011·9	-2	S'W	4	f	50	95	2	5	-	-	10	10	<150	1	3
	The Lizard ...	1011·3	-2	S	3	dF	51	95	1	5	-	-	10	10	220	1	3
	Scilly (St. Mary's)	1009·6	-4	S'W	4	f	52	95	2	5	-	-	10	10	<150	1	2
	Guernsey ...	1014·7	+2	S	2	m	50	95	4	5	-	-	10	10	1500	1	3
6	Pembroke ...	1009·2	-4	S	2	F	49	95	1	5	-	-	10	10	<150	1	1
7	Holyhead ...	1011·8	-4	ESE	3	c/r	49	96	7	5	7	-	4-6	10	4000	1	0
	Chester (Sealand)	1013·2	+2	S'E'E	3	r.r.	47	95	5	6	-	-	10	10	800	1	*
8	L'pool (Bidston)	1012·8	-2	ESE	4	d.	46	95	4	5	-	-	10	10	800	1	*
9	Harrogate ...	1014·3	0	S	1	f	44	95	2	5	-	-	10	10	<150	1	*
10	Spurn Head ...	1015·0	0	S	3	c	46	95	6	5	2	-	4-6	9+	1500	0	2
	Catterick ...	1014·7	+8	S'E'E	2	m	44	96	4	5	-	-	10	10	450	1	*
	Tynemouth ...	1014·6	+4	S	2	o/r	45	95	5	6	-	-	10	10	1500	1	1
11	Inchkeith ...	1013·8	0	ESE	2	c	43	95	6	5	-	-	10	10	2500	0	2
	Leuchars ...	1015·0	+4	ENE	2	c	45	85	5	5	-	-	10	10	450	0	*
12	Renfrew (Abbotts L)	1013·1	0	ENE	3	c	45	85	5	5	2	-	9	10	2500	0	*
	Eskdalemuir ...	1012·8	+2	NE	2	c	44	95	6	5	-	-	10	10	1500	1	*
13A	Tiree	1010·2	-8	ESE	4	3c	46	75	6	-	3	1	0	9+	-	0	3
13B	Stornoway ...	1010·0	+2	SE	3	c	45	95	6	5	7	9	4-6	9	1500	0	2
15	Dalwhinnie ...	1014·2	0	S	2	c	42	85	6	4	4	-	4-6	10	800	0	*
	Aberdeen ...	1016·0	+6	ESE	3	0	44	95	6	5	-	-	10	10	450	1	1
	Wick	1016·0	+4	SE	5	c	44	95	8	5	2	-	7-8	10	1500	0	3
16	Lerwick ...	1015·3	+4	SE	2	bc	42	55	9	7	-	-	4-6	4-6	1500	0	*
17	Blacksod Point	1001·4	-16	SE	5	c	51	95	9	5	-	-	9+	9+	450	1	4
18	Malin Head ...	1007·5	-4	E'S	3	c	46	85	7	4	7	-	4-6	9+	800	0	1
	Aldergrove ...	1010·0	-4	ESE	4	ir	47	95	7	5	-	-	10	10	800	1	*
	Donaghadee ...	1010·8	-2	SSE	2	id.	47	95	7	6	-	-	10	10	800	1	2
19	Birr Castle ...	1005·0	-12	S	1	c	51	95	8	6	2	-	7-8	10	2500	1	*
20	Valentia Obsy.†	1001·2	-14	SE'S	5	r.r.	53	95	7	5	2	-	7-8	10	800	1	3
	Roches Point...	1006·1	-8	SE	3	s	50	95	3	5	-	-	10	10	<150	1	4

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 23rd Hrs. (36)
1	London (Kew)...	54	45	44	-	3	1·7
	Croydon ...	54	45	43	-	2	2·6
	S. Farnborough	51	45	44	-	6	1·0
	Winchester ...	50	43	41	Tr.	7	0·0
	Boscombe Down	46	43	43	0·1	6	0·0
	Calshot, (S'thmtn)	50	46	45	Tr.	6	0·0
	Dungeness ...	53	44	*	-	2	*
	Lympne ...	53	43	42	-	2	6·2
2	Shoeburyness	56	44	43	-	1	4·4
	Felixstowe ...	53	45	43	Tr.	1	6·1
	Gorleston ...	52	46	44	-	0·4	6·6
	Cranwell ...	53	44	43	2	3	0·3
3	Birmingham ...	45	43	42	2	3	0·0
	Upper Heyford	49	43	43	0·3	3	*
4	Ross-on-Wye ...	48	47	45	0·1	3	0·0
5	Portland Bill...	48	47	*	0·2	3	*
	Plymouth ...	50	49	48	2	4	0·0
	The Lizard ...	51	48	*	1	2	*
	Scilly (St. Mary's)	54	50	*	2	3	0·1
	Guernsey ...	48	46	*	1	2	0·0
6	Pembroke ...	51	48	*	1	6	0·0
7	Holyhead ...	50	46	46	4	1	0·0
	Chester (Sealand)	51	43	37	2	Tr.	0·8
8	L'pool (Bidston)	49	44	42	6	Tr.	0·1
9	Harrogate ...	48	42	42	3	0·5	0·3
10	Spurn Head ...	54	44	*	0·2	0·3	5·3
	Catterick ...	50	43	43	0·2	0·2	0·9
	Tynemouth ...	49	45	42	0·1	0·6	*
11	Inchkeith ...	54	43	36	-	-	5·0
	Leuchars ...	52	39	29	-	-	5·0
12	Renfrew (Abbotts L)	52	36	32	-	-	2·2
	Eskdalemuir ...	50	40	40	-	-	1·2
13A	Tiree	48	43	41	-	-	0·0
13B	Stornoway ...	52	42	*	-	-	5·6
15	Dalwhinnie ...	52	36	32	-	-	10·9
	Aberdeen ...	50	36	32	-	-	*
	Wick	46	43	*	-	-	0·0
16	Lerwick ...	43	37	*	-	-	*
17	Blacksod Point	56	46	*	-	4	*
18	Malin Head ...	48	43	*	0·2	-	0·7
	Aldergrove ...	47	42	37	0·1	0·3	0·2
	Donaghadee ...	46	45	*	1	0·4	*
19	Birr Castle ...	62	49	46	-	7	*
20	Valentia Obsy.†	59	51	49	0·6	7	5·8
	Roches Point...	55	50	*	0·1	5	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations except Greenwich & Hampstead rainfall, 5h–18h.

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	bcm.c	c	orrm.c	54	45	44	-	3	1·7	*	*	6
Croydon	217	c3oy	cy	cy r.r.m	54	45	43	-	2	2·6	*	*	6
Greenwich (Royal Observatory) ...	149	cy	c	c.d.rr	57	44	43	-	4	1·7	60	95	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	0	1·8	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	52	46	44	4		2·1	51	91	*
†Regents Pk. (Botanic Gardens) ...	168	*	*	*	55	45	44	4		1·9	50	92	*
Camden Square	110	bcc	c	*	54	46	44	-	5	*	*	95	*
Kensington	80	bc	bc	*	56	46	44	-	4	2·0	At 18h.	94	*
Hampstead Observatory	450	c	bcp	or	52	43	36	Tr.	4	1·4	61	94	*

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 23rd April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 24th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1020·2	SSW	2	c	55	1020·2	SSE	2	fg.	46
Brussels	1020·2	-	0	b	48	1019·9	SSE	3	c	45
Berlin	1018·2	W'S	2	c	46	1021·4	WNW	1	0	45
Zürich	1022·0	SSE	3	bc	43	1022·6	SE	1	[illegible]	36
Rome						1015·4	N	4	b	50

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
58	39	-	-
55	41	-	-
48	39	-	-
50	30	-	-
	41		

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·6	7-8h 23rd	Nil	23h 23m - 2h 24m

Kew Observatory. Max.	Time.	Min.	Time.
0·4	7h 23m	< 0·1	1-4h 24m

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 "	13½	"
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.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 25th April 1933.

No. 26087

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

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)...	1015·5	-10	SSE	3	d.d.	52	95	5	5	-	-	10	10	1500
	Croydon ...	1015·8	-2	SSE	4	o|d	51	85	6	5	-	-	10	10	800
	S. Farnborough	1015·0	-2	SSE	3	id.	52	95	6	5	-	-	10	10	800
	Winchester ...	1014·2	-6	S	3	d.d.	52	95	5	6	-	-	10	10	450
	Boscombe Down	1014·0	-2	S	4	d.d.	52	95	5	5	-	-	10	10	<150
	Calshot, S'thmtn	101~~4~~ 4·6	-2	S'W	4	d.d.	52	95	6	5	-	-	10	10	450
	Dungeness ...	*	*	S	3	Dr	*	*	4	3	-	*	9+	9+	1500
	Lympne ...	1017·8	-4	SSE	3	rf	46	95	2	·	·	·	10	10	<150
2	Shoeburyness	1016·6	-4	SSE	3	r.r.	49	95	6	6	2	-	9	10	1500
	Felixstowe ...	1017·5	-2	SE'S	3	o|r.	49	95	7	5	-	-	10	10	800
	Gorleston ...	1016·6	-4	SE'S	5	c	49	85	6	7	7	-	4·6	7·8	2500
	Cranwell ...	1014·9	-6	SSE	3	o	52	95	6	5	-	-	10	10	800
3	Birmingham ...	1013·8	0	SSE	2	id.	49	95	6	6	-	-	10	10	800
	Upper Heyford	1014·4	-4	SE	3	d.d.	50	95	5	6	-	-	10	10	450
4	Ross-on-Wye ...	1012·3	0	ESE	2	o	54	95	6	5	-	-	10	10	2500
5	Portland Bill...	1013·5	0	SSW	4	id.	51	95	6	5	-	-	10	10	1500
	Plymouth ...	1011·6	-6	S	5	d.d.	51	95	5	5	-	-	10	10	<150
	The Lizard ...	1010·6	0	S'E	4	df	52	95	1	5	-	-	10	10	<150
	Scilly (St. Mary's)	1008·5	-2	S'W	5	f	54	95	2	·	·	·	10	10	<150
	Guernsey ...	1014·4	-2	S'W	3	o	56	85	7	5	-	-	10	10	2500
6	Pembroke ...	1008·9	-4	SSE	2	dF	51	95	1	·	·	·	10	10	<150
7	Holyhead ...	1010·1	-6	SE'S	4	c	56	85	8	5	3	-	7·8	9+	1500
	Chester (Sealand)	1012·2	-4	SE'S	4	d|d.	54	85	6	6	1	-	9	10	800
8	L'pool (Bidston)	1011·6	-8	SE'S	4	3.	53	85	5	5	1	-	7·8	10	800
9	Harrogate ...	1014·4	0	SE	3	c	49	85	6	6	2	-	9	10	4000
10	Spurn Head ...	1015·5	0	SSE	4	c	49	95	6	5	2	-	4·6	10	1500
	Catterick ...	1014·3	-6	SE	3	c	50	75	6	5	2	-	7·8	10	800
	Tynemouth ...	1014·6	+4	SE	3	o	47	85	6	6	-	-	10	10	1500
11	Inchkeith ...	1013·5	0	E	2	c	50	85	6	5	-	-	9+	9+	1500
12	Leuchars ...	1014·8	-4	E	3	bc	50	85	6	5	-	4	2·3	4·6	450
	Renfrew (Abbotts L)	1011·7	-6	E	4	c	59	55	6	5	1	-	4·6	9+	2500
	Eskdalemuir ...	1012·4	-4	SE	4	c	54	55	7	8	3	-	4·6	9	2500
13A	Tiree	1008·8	-4	ESE	6	3.	56	75	6	5	3	-	2·3	9+	4000
13B	Stornoway ...	1009·3	-2	SE	3	bc	51	95	6	5	9	-	2·3	4·6	1500
15	Dalwhinnie ...	1013·8	-6	S	4	c	48	75	7	4	4	-	4·6	10	1500
	Aberdeen ...	1016·3	+4	SE	4	o	45	95	6	5	-	-	10	10	800
	Wick	1016·3	0	SE	5	c	45	95	8	5	2	-	7·8	10	1500
16	Lerwick ...	1020·0	+2	SSE	3	c	44	65	8	5	7	-	4·6	7·8	1500
17	Blacksod Point	998·9	-10	SE	5	iR	54	95	8	6	-	-	10	10	<150
18	Malin Head ...	1005·0	-4	E'S	4	pr	51	95	7	9	7	-	9	10	450
	Aldergrove ...	1008·4	-6	E'S	5	d.r.	50	95	6	5	-	-	10	10	800
	Donaghadee ...	1009·5	-2	SSE	4	id.	48	95	6	5	-	-	10	10	800
19	Birr Castle ...	1003·3	-8	SSE	3	rr	55	95	7	6	-	-	10	10	1500
20	Valentia Obsy.	999·4	-10	SSE	5	o	55	95	6	5	-	-	10	10	450
	Roches Point...	1004·1	-12	SW	4	rr	51	95	5	6	-	-	10	10	800

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sun. 0-9 (30)
1014·6	-6	SSE	2	d	53	95	4	5	-	-	10	10	1500	1	*
1014·7	-4	SSE	2	d.d.	52	95	4	6	-	-	10	10	450	1	*
1014·0	-4	S'W	3	ir	53	95	6	6	-	-	10	10	450	1	*
1013·6	-2	S	3	df	51	95	3	6	-	-	10	10	<150	1	*
1013·2	-2	S	4	d.d.	51	95	5	6	-	-	10	10	<150	1	*
1014·0	-2	S	4	id.	52	95	6	5	-	-	10	10	450	1	2
*	*	S	2	DD	*	*	3	3	-	*	9+	9+	800	*	2
1016·6	-2	SE'S	2	F	48	95	1	·	·	·	10	10	<150	1	*
1015·7	-4	S'E	3	o	50	95	6	5	-	-	10	10	1500	1	*
1016·4	-4	SE	3	d.d.	48	95	6	5	-	-	10	10	800	1	2
1016·0	-4	SSE	4	ir.	48	85	6	6	-	-	10	10	1500	0	3
1013·4	-6	SE	4	old.	51	95	5	5	-	-	10	10	450	1	*
1012·0	-10	SSE	3	ir.	53	95	6	6	-	-	10	10	800	1	*
1013·6	-10	SE	2	d.d.	52	95	5	6	-	-	10	10	450	1	*
1011·2	-6	SSE	2	id.	54	95	6	6	-	-	10	10	1500	1	*
1012·9	-4	SSW	4	rr	50	95	6	6	-	-	10	10	1500	1	4
1010·9	-6	S	6	o|r	51	95	4	5	-	-	10	10	<150	1	4
1009·5	-4	S	5	dF	51	95	1	5	-	-	10	10	220	1	3
1007·3	-8	SSW	5	id.	53	95	5	5	-	-	10	10	1500	1	3
1013·8	-2	S'W	3	o|r.	53	95	7	5	-	-	10	10	2500	1	3
1007·8	-8	SSE	4	dF	51	95	1	·	·	·	10	10	<150	1	2
1008·5	-6	SE'S	4	ir.	54	95	6	6	2	-	7·8	10	1500	1	1
1010·4	-8	SE'E	3	d.r.	53	95	4	6	-	-	10	10	800	1	*
1010·0	-6	SE'E	4	d.d.	52	95	6	5	-	-	10	10	1500	1	*
1012·9	-6	ESE	3	c	50	95	5	5	2	-	9	10	2500	1	*
1014·1	-4	SE'E	4	c	48	95	6	5	2	-	4·6	9+	1500	0	3
1012·7	-8	SE	3	ir.	51	85	6	5	-	-	10	10	800	0	*
1013·7	-10	SE	3	c	46	95	6	5	-	-	7·8	7·8	1500	0	2
1012·2	-10	E	3	c	50	85	6	5	-	-	10	10	1500	0	3
1013·2	-12	ESE	5	c	47	85	6	5	7	6	4·6	9+	800	0	*
1009·5	-10	ESE	3	ir.	56	65	6	5	2	-	4·6	10	2500	0	*
1011·2	-6	SE'E	4	r.r.	49	85	6	5	2	-	4·6	10	1500	1	*
1004·9	-16	ESE	6	ir.	50	85	6	5	2	-	9+	10	2500	1	4
1005·9	-16	ESE	4	c	50	95	6	5	1	-	7·8	9+	1500	0	2
1009·5	-20	SE	6	c	46	75	7	3	2	-	4·6	10	450	0	*
1014·9	-10	SE	4	o	45	85	6	5	-	-	10	10	800	1	2
1014·3	-12	ESE	5	c	44	95	8	5	2	-	7·8	10	1500	0	3
1013·4	-8	SSE	3	c	42	65	9	5	7	-	4·6	7·8	1500	0	*
996·5	-16	SE	7	ir	57	85	7	5	-	-	10	10	<150	1	6
1001·2	-24	ESE	5	ir.	53	85	7	5	2	-	9	10	800	1	2
1005·1	-18	SE'E	5	d.d.	52	95	6	6	-	-	10	10	800	1	*
1006·4	-12	SSE	4	rr	49	95	5	5	-	-	10	10	800	1	3
1001·2	-8	S	3	o	55	95	7	5	-	-	10	10	1500	1	*
998·6	+6	S	6	c	54	85	7	5	-	1	9	9+	1500	1	3
1002·8	-8	SW	4	o|r	54	95	7	5	-	-	10	10	800	1	5

PAST 24 HOURS.

Weather. 7h.–13h. 24th (37)	Weather. 13h.–18h. 24th (38)	Weather. 18h. 24th–1h. 25th (39)	Weather. 1h.–7h. 25th (40)
cr.ld	om.od.m	od.ir.c	cr.m.c
oc.m.r.r.	cm.md.d.	omd.r.	or.c.m.
or.r.id.	oid.m.	orrir	oir
ord.d.m.	od.d.ff	oddff	oddff
orr.d.if	oddd.d.	oidrdm	oidirm
od.d.m	od.r.	od.r.r.o	or.r.
r	d	*	o
cr.r.orrff	od.F	dFrF	rd Ff
cr.r.m.	cr.r.om.	om.ir.	or.r.om.
orr.r.m.	oid.d.d.m.	od.d.mf	odd.rr.r.
cq	cq	or.r.q	om.r.q
of.d.c	od.m.	or.m.	r.d.o
oid.	oid.	or.r.	orr.
or.m.	od.m.	oirib	oird.
r.o.do	cor.o	d.or.o	ro
id.o3.	id.rr3.	o	orr
of.d.ir	orrDff.m	omd rr	orrfe
FFd	FFd	Fpr	Ffd
idff	ff id.	d.d.m	cm.
omo	opr r.	ocbcc	orir.
Ffeid.ir.c	FFeiridq.c	FFeid.q.c	FFeid.qp
r.id.	ir.r.r.m.	r.r.o	r.r.o.m.o
oid.m.	r r.m.o	dr.o	or.om.o
id.o.m.c	c coid.	r.of.or	r.c.id
foc	co	corr	corr
c	c	oif.df	ff.d
omom.	m.c.c.r.m.	or.r.m.	rm.orr
om.	oc	oir.	oir
c	c	corr	corr
obc m.	bc.c.m.q.	c.q.r.r.m.	c.q.r.r.m.
c m.o3.o4	c3.o.y.c.r.	c.r.o.c.r.r	c m.c.r.r
c.c.y	c.c.r.	c.r.o.c.r	c.r.r.o.d
c3.	c3.o.ir.	c3.o.ir	c.R.R
bc3	bc.c.m.	c.i.r.	c.r.r.
o	o	*	ir
om.	om.	om.	or.r.g.m
c	c	c	c.r.s.m.
obc	c	c.bc	bc
iR	iR.q.	pr.c.q	bc
c	c.i.r.	c.i.r.	c.p.r.
cr.r.d.	orr.d.d.	od.d.r.r	o.r.c
oid.m.	or.r.m.	or.r.m.	or.r.f.f.o
corr	r.c.o	oir	c.bc
c.r.r.R.i.r.o	o.r.c.id.e	c.bc	bc.c.P.R.c
off R.W.om	orr.o	o.c	c.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., 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.*

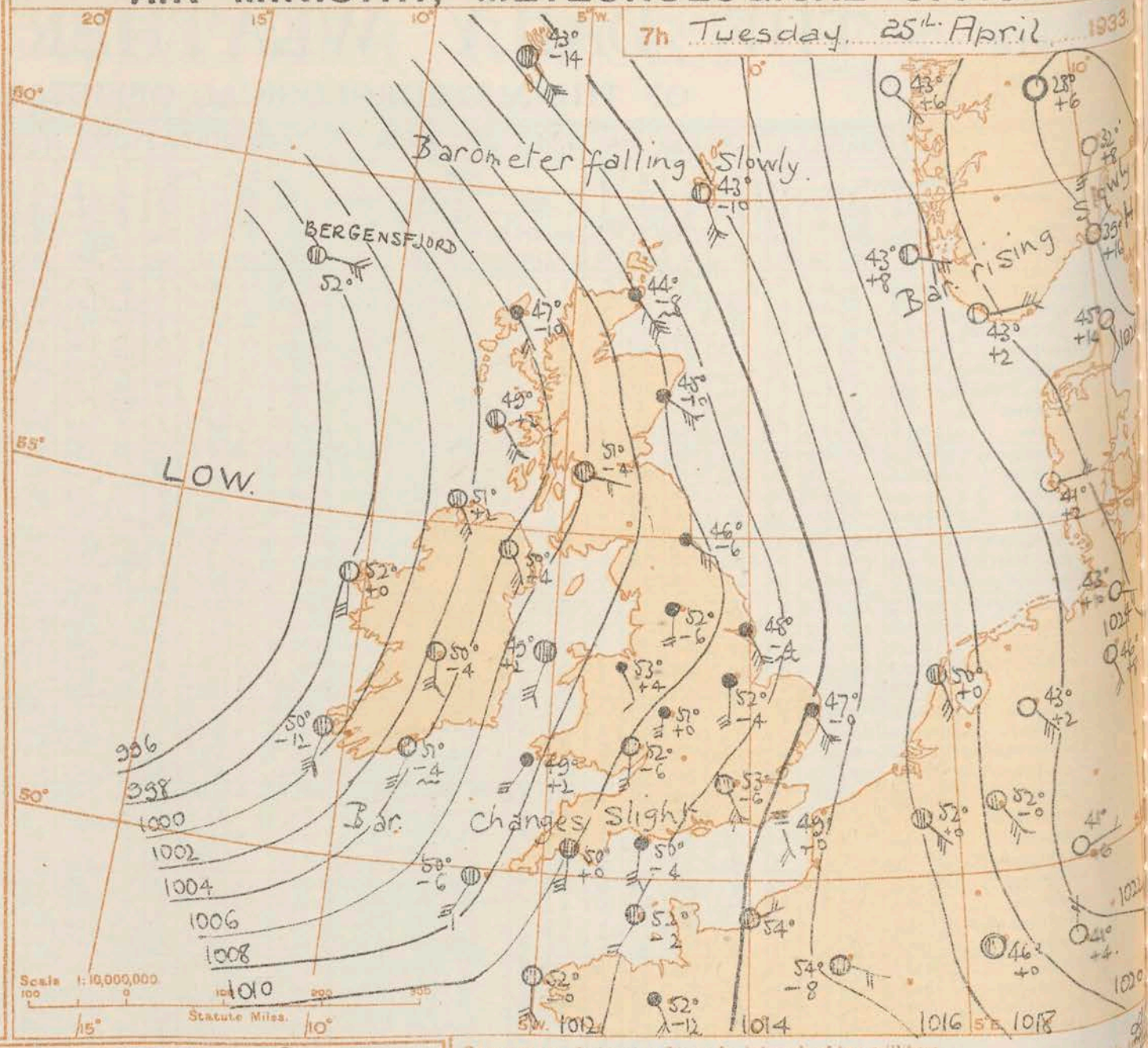
REPORTS from HEALTH RESORTS for 24th April 1933.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 23rd. to 9h. 24th.	Temperature. Max. 9h.—17h. 24th.	Rainfall. Night. 17h. 23rd. to 9h. 24th.	Rainfall. Day. 9h.—17h. 24th.	Sunshine. Sunrise to 17h. 24th.	Sunshine. Sunrise to Sunset. 23rd.
1	Tunbridge W.	ord	ord	44	52	5	1	0.0	4·1
	Bournemouth	mr	m	45	52	17	2	0.0	0.0
	Ventnor ...	orf	odorf	45	51	13	4	0.0	0.4
	Southsea ...	or.o	or.o	46	53	9	3	0.0	0 1
	Bognor Regis	orro	oir	47	51	3	1	0.0	1·0
	Littlehampton	crc	c cr	46	61	3	+	0·0	?
	Worthing ...	dd	dd	47	50	2	5	0.0	2·0
	Brighton ...	r	rd	46	50	3	6	0.0	2·0
	Eastbourne†	r.rrdd	ddo	46	52	3	6	0·0	5.7
	Hastings† ...	orrd	ordm	45	50	4	5	0·0	4·9
	Folkestone ...	or.	or.f	45	48	1	2	0·0	7·0
	Dover... ...	oird	odf	46	49	1	1	0.0	7.5
	Deal	ro	rod	45	49	1	1	0·0	6·8
	Ramsgate ...	d	d	45	50	1	0·1	0.0	7.8
	Margate ...	cdr	cd	45	50	1	0.4	0·0	7.4
2	Southend ...	or	od	45	50	2	0.4	0.0	4·1
	Maldon ...	ro	oid	45	51	2	0.5	0.0	3.6
	Clacton-on-Sea	or.c	come	46	49	2	0.1	0·2	5·2
	Dovercourt ...	roc	ocroc	46	50	2	0·2	0·0	6·4
	Lowestoft ...	c	becr.	44	51	0·5	Trace	0.4	7·3
	Skegness ...	om.	om.	45	53	2	-	0.0	7.1
	Mablethorpe	o	o	44	53	2	-	0·0	5.7
	Cleethorpes ...	o	oco	44	52	1	-	0·2	5.6
3	Leamington S.	oro	o	45	55	2	-	0·0	0.0
4	Cheltenham†	om	ocorm	45	57	3	Trace	0·1	0·0
5	Bath	cir.	cir.	46	58	4	0·3	0·0	0.0
	Weymouth ...	d.id	oid	45	53	9	1	0·0	0·0
	Jersey ...	rc	cr	45	55	2	0.3	0·0	0·0
	Torquay ...	dodm.	oddm.	46	54	3	1	0.0	0.0
	Penzance ...	rfo	m of	47	53	4	0.5	0·0	0.0
	St. Ives ...	d	d	49	55	3	2	0.0	0·0
	Bude	roce	coe	50	57	6	Trace	0·1	0·0
	Ilfracombe ...	oe	od	48	63	6	0·2	0·0	1·0
6	Aberystwyth	cpre	cir.	44	60	0·5	Trace	0·1	1·6
7	Llandudno ...	cr.c	cdr	43	60	0.2	2	0·0	0·2
	Colwyn Bay...	oc	orr	44	61	0.3	0.5	0·1	0.6
	Rhyl	c	cor	43	59	Trace	1	0·5	0.0
8	Wallasey ...	o	oir.	41	55	0.3	Trace	0.0	0.0
	Southport‖ ...	oc	od.	44	58	0·2	0·2	0·3	0·0
	Blackpool ...	c	cor	44	57	0·5	0·1	0·1	0·0
	Morecambe ...	c	c	43	57	8	-	2.4	0·0
9	Ilkley... ...	o	o	40	52	4	-	0.0	0.0
10	Berwick-on-T.	o	co	43	50	-	-	3·2	4.9
11	Dunbar ...	om.	mc	41	50	-	-	4·1	4·1
12	Troon... ...	co	cor	42	56	-	Trace	1·4	1·9
	Douglas ...	om.o	omirRR	41	50	0·5	3	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.

7h Tuesday 25th April 1933.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 25th Apl. 1933.
1. S.E. England 2. E. England .. 3. E. Midlands	Light or moderate southerly wind; dull; occasional rain; rather mild.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Moderate or fresh south or southwest wind; cloudy; perhaps brighter intervals later; occasional rain; rather mild.
9. N Midlands 10. N.E England 11. S.E. Scotland	Moderate southeast or south wind; dull or cloudy; occasional rain; rather mild.
12. S.W. Scotland & Isle of Man 13. A. W Scotld. B. N.W. Scotland.	As 4 - 8.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Strong or fresh southeast or south wind; dull; rainy; becoming milder.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate or fresh south or southwest wind, veering, perhaps reaching gale locally at times; cloudy; bright intervals; showers; rather mild.

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. ≡ Fog. ≡ Mist. T Thunder. ⊠ Thunderstorm.
SEA DISTURBANCE. ~~ Rough. ≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A deep depression centred west of Ireland continues to extend its influence north and east. Weather will be mild and unsettled, though some bright intervals are probable in the West.

FURTHER OUTLOOK.

Unsettled and rather mild.

Times of issue of Gale Warnings.

South Cone at 1415 on 24th in districts 5 (part of), 6, 17, 19 and 20; at 0300 on 25th in districts 13B and 16 and at 0810 on 25th in district 15.

Forecasts issued at 0900 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
April 25th
1933.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 25th April 1933.

No. 26087

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

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	S'E	3	dr.	52	95	7	6	-	-	10	10	450
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8														
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1016.3	-6	SSE	3	f-	49	95	2	5	-	-	10	10	<150
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	1015.8	-6	SSE	5	r.	47	96	5	6	-	-	10	10	800
	Cranwell ...	240														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1012.1	-4	SSW	4	0	51	95	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	1010.0	0	S	4	of	51	95	1	5	-	-	10	10	220
	Scilly (St. Mary's)	163	1008.8	+2	SW'S	4	c	51	95	6	5	-	-	7-8	7-8	2500
	Guernsey ...	175	1013.4	-6	S'W	3	0	52	95	8	5	-	-	10	10	4000
6	Pembroke ...	142	1007.3	0	SSW	4	df	50	95	1	5	-	-	10	10	<150
7	Holyhead ...	26	1007.3	0	S	4	r.	51	95	6	6	-	-	10	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1012.6	-6	S'E	5	df	48	95	3	5	-	-	10	10	450
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	1010.8	-20	SE	3	r.	45	95	6	6	-	-	10	10	1500
11	Inchkeith ...	190	1010.1	-16	E	2	0	48	95	7	6	-	-	10	10	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts L)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1003.8	-10	SE	3	r.	47	95	5	5	-	-	10	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	87	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1012.1	-12	SE	2	c	44	95	7	5	-	-	10	10	1500
16	Lerwick ...	54	1018.8	-4	SE	4	bc	40	75	8	4	-	-	2-3	2-3	1500
17	Blacksod Point	18	997.7	+4	S	7	q	55	75	8	3	-	-	4-6	4-6	800
18	Malin Head ...	52	1001.0	+8	S'E	3	c/r	52	95	7	8	6	-	9	10	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1000.7	+10	SW	4	bc	52	95	8	3	-	-	4-6	4-6	1600
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District.	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)...	1012.5	0	S'E	3	c	53	95	6	5	2	-	4-6	10	2500	1	*
	Croydon ...	1012.9	-6	SSE	4	c	53	85	6	5	7	-	2-3	10	1500	1	*
	S. Farnborough	1012.2	-6	S	3	dr	51	95	6	6	-	-	10	10	450	1	*
	Winchester ...	1011.6	-4	S	3	df	50	95	3	6	-	-	10	10	<150	1	*
	Boscombe Down	1011.3	-2	S	4	id.	50	95	5	5	-	-	10	10	<150	1	*
	Calshot, (S'thmtn)	1012.2	-2	SSE	3	do do	51	95	5	5	-	-	10	10	800	1	2
	Dungeness ...	*	*	S	2	c	*	*	5	5	-	*	9	9	1500	*	2
	Lympne ...	1015.0	0	SSE	2	f	49	95	2	5	-	-	10	10	<150	1	*
2	Shoeburyness	1013.8	-2	SSW	3	m	51	95	4	5	7	-	4-6	10	800	1	*
	Felixstowe ...	1014.2	-4	SE	4	r.	49	95	5	6	-	-	10	10	450	1	3
	Gorleston ...	1014.5	0	SSE	5	r.	47	95	4	6	-	-	10	10	450	1	4
	Cranwell ...	1010.8	-4	S	3	ir	52	95	6	6	-	-	10	10	450	1	*
3	Birmingham ...	1010.2	0	S	3	r.	51	95	5	6	-	-	10	10	800	1	*
	Upper Heyford	1011.5	-2	S	4	d. d.	51	95	5	5	-	-	10	10	450	1	*
4	Ross-on-Wye ...	1009.7	-6	S	3	0	52	95	6	6	-	-	10	10	1500	1	*
5	Portland Bill...	1011.0	-4	S	4	rr	50	95	7	5	-	-	10	10	1500	1	3
	Plymouth ...	1010.0	0	S	3	f	50	95	2	5	-	-	10	10	<150	1	3
	The Lizard ...	1009.3	0	S	3	of	51	95	2	5	-	-	10	10	450	1	3
	Scilly (St. Mary's)	1007.6	-6	SW'S	4	c	50	95	6	5	-	-	9	9	2500	1	3
	Guernsey ...	1012.3	-2	SSW	2	c/r	52	95	7	8	-	-	10	10	2500	1	3
6	Pembroke ...	1007.6	+2	SW	3	df	49	95	1	5	-	-	10	10	<150	1	2
7	Holyhead ...	1008.1	+2	SSW	4	m	49	95	4	5	-	-	10	10	220	1	1
	Chester (Sealand)	1008.7	+4	SSE	1	id	53	95	6	5	2	-	9	10	800	1	*
8	L'pool (Bidston)	1008.0	0	S	3	c/d	52	95	7	6	1	-	7-8	9+	1500	1	*
9	Harrogate ...	1003.2	-6	S	2	rr	52	95	4	6	-	-	10	10	<150	1	*
10	Spurn Head ...	1010.7	-4	SSE	5	df	48	95	3	5	-	-	10	10	220	1	4
	Catterick ...	1008.6	-6	SE	3	rr	51	95	5	6	-	-	10	10	800	1	*
	Tynemouth ...	1003.0	-6	SE	3	ir	46	95	6	6	-	-	10	10	1500	1	2
11	Inchkeith ...	1007.7	-8	E	3	c/r	45	95	7	5	2	-	7-8	10	800	1	2
	Leuchars ...	1008.3	-10	SE	3	rr	46	95	5	6	2	-	9	10	450	1	*
12	Renfrew (Abbotts L)	1006.3	-4	ESE	2	D/r	51	95	4	5	-	-	10	10	1500	1	*
	Eskdalemuir ...	1007.2	-2	S	3	dd	50	95	5	5	-	-	10	10	450	1	*
13A	Tiree	1002.3	+2	SES	4	c	49	95	7	5	1	8	2-3	10	450	1	3
13B	Stornoway ...	1002.5	-10	SE	2	r.	47	95	6	8	2	-	4-6	10	1500	1	1
15	Dalwhinnie ...	1006.4	-12	S	3	if	45	95	7	4	2	-	4-6	10	1500	1	*
	Aberdeen ...	1010.0	-10	SE	4	rr	45	95	4	6	-	-	10	10	450	1	2
	Wick	1008.7	-8	SE	7	r.	44	95	6	6	2	-	7-8	10	1500	1	4
16	Lerwick ...	1015.3	-10	SSE	5	bc	43	85	7	5	-	1	4-6	4-6	1500	0	*
17	Blacksod Point	998.7	0	S	3	bc	52	75	8	-	6	-	0	2-3	-	0	2
18	Malin Head ...	1001.8	+2	S'E	3	c	51	85	7	5	9	2	2-3	7-8	1500	1	1
	Aldergrove ...	1004.6	+4	SE'S	3	c	50	85	8	5	3	3	4-6	9	2500	1	*
	Donaghadee ...	1005.6	+6	S	2	0	49	95	6	5	-	-	10	10	800	1	1
19	Birr Castle ...	1002.2	-4	S	4	bc	50	95	7	8	-	-	2-3	2-3	2500	1	*
20	Valentia Obsy.†	998.7	-12	S'W	5	c/pr	50	95	8	9	-	-	9	9	1500	1	3
	Roches Point...	1003.4	-4	SW	3	bc	51	95	8	3	-	-	4-6	4-6	1500	0	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 24 Hrs. (36)
1	London (Kew)...	54	52	51	0.6	2	0.0
	Croydon ...	53	52	51	2	2	0.0
	S. Farnborough	54	51	50	1	1	0.0
	Winchester ...	53	50	48	4	3	0.0
	Boscombe Down	53	49	49	2	1	0.0
	Calshot, (S'thmtn)	53	50	50	5	2	*
	Dungeness ...	49	47	*	4	2	0.0
	Lympne ...	48	47	47	3	2	0.0
2	Shoeburyness	51	48	48	0.6	3	0.0
	Felixstowe ...	49	47	47	0.5	2	0.0
	Gorleston ...	50	46	46	Tr	1	0.0
	Cranwell ...	54	49	48	Tr	1	0.0
3	Birmingham ...	53	51	50	0.4	4	0.0
	Upper Heyford	52	50	50	2	2	*
4	Ross-on-Wye ...	59	52	49	1	2	0.3
5	Portland Bill...	51	49	*	1	3	*
	Plymouth ...	51	49	49	3	5	0.0
	The Lizard ...	52	50	*	1	2	.
	Scilly (St. Mary's)	54	50	*	0.5	2	0.0
	Guernsey ...	56	51	*	0.6	0.6	0.0
6	Pembroke ...	51	49	*	1	5	0.0
7	Holyhead ...	57	49	49	1	4	0.0
	Chester (Sealand)	55	53	51	0.4	2	0.0
8	L'pool (Bidston)	54	51	49	0.1	3	5.8
9	Harrogate ...	51	49	48	-	6	0.3
10	Spurn Head ...	52	46	.	-	2	0.0
	Catterick ...	52	49	48	Tr	4	*
	Tynemouth ...	48	45	44	0.3	3	*
11	Inchkeith ...	52	45	45	-	5	1.2
	Leuchars ...	50	45	45	-	6	3.6
12	Renfrew (Abbotts L)	60	48	47	Tr	15	1.2
	Eskdalemuir ...	56	47	46	0.1	13	2.0
13A	Tiree	56	48	47	Tr	5	2.3
13B	Stornoway ...	53	46	*	-	5	1.2
15	Dalwhinnie ...	51	42	33	-	3	2.0
	Aberdeen ...	46	44	42	-	3	0.0
	Wick	45	43	.	-	1	.
16	Lerwick ...	45	40	*	-	-	3.6
17	Blacksod Point	58	50	*	6	0.1	*
18	Malin Head ...	53	49	*	1	1	0.0
	Aldergrove ...	52	48	44	5	6	0.0
	Donaghadee ...	49	47	*	4	12	*
19	Birr Castle ...	56	47	40	5	0.1	0.0
20	Valentia Obsy.†	56	50	48	18	3	0.3
	Roches Point...	[54] 52	50	*	7	-	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations, except Greenwich & Hampstead rainfall, 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	cr dd	om od m	od ir c	54	52	51	0.6	2	0.0	*	*	6
Croydon	217	ocm r s c m m d 6	o m d r s m	o m d r s m	53	52	51	2	2	0.0	*	*	6
Greenwich (Royal Observatory) ...	149	rdd	d d c	c d d c	55	51	50	1	2	0.0	85	86	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	55	52	51	3		0.0	83	84	*
‡Regents Pk. (Botanic Gardens) ...	168	*	*	*	55	51	47	3		0.0	87	31	
Camden Square	110	o r c d	c d c	*	52	52	51	2	1		*	87	*
Kensington	80	o r	0	*	56	52	51	1	2	0.0	At 18h. 88		*
Hampstead Observatory	450	o r c	c	o r m	52	49	43	0.5	3	0.0	92 *	93	*

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

South Kensington. Max.	Time.	Min.	Time.
1.0	18h 24m	Nil	1-4h 25m

Kew Observatory. Max.	Time.	Min.	Time.
0.2	13h 24m	<0.1	2h 25m

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 24th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 25th April. 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	-	0	3	59	1016.2	ESE	2	c	54	55	?	Tr.	?
Brussels	1018.8	S	2	r.	48	1017.8	SE	3	c	52	56	46	0.1	Tr.
Berlin	1021.1	N	1	0	48	1024.2	NE	?	b	48	52	43	-	-
Zürich						1021.2	ESE	1	b	43	.	37	.	-
Rome	1017.8	NNW	4	bc	54	1018.3	NNE	2	c	46	61	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	1–3	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 and Rainfall are for the 24 hours ending 9 h.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 26th April 1933.

No. 26088

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

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)	1011·6	-6	SSW	3	rr	54	95	6	6	2	-	4-6	10	1500
	Croydon	1012·3	-2	SSW	4	dr	53	95	6	6	2	-	7-8	10	450
	S. Farnborough	1011·7	-2	SSW	2	rr	52	95	6	6	-	-	10	10	450
	Winchester	1011·7	+6	SW	3	rr	50	95	6	6	-	-	10	10	450
	Boscombe Down	1011·6	+6	SW'W	4	rr	50	95	6	6	-	-	10	10	220
	Calshot, S'thmtn	1011·8	+2	SW'S	4	rr	50	95	6	6	-	-	10	10	450
	Dungeness	*	*	S'W	3	RR	*	*	4	3	-	*	9+	9+	800
	Lympne	1013·4	-6	SW	2	ir	51	95	4	6	-	-	10	10	450
2	Shoeburyness	1012·1	-10	S'E	3	c	56	85	7	5	7	-	4-6	9+	1500
	Felixstowe	1012·8	-10	SE	4	c/r	50	95	5	6	7	-	4-6	10	800
	Gorleston	1012·6	-8	SSE	5	r	48	95	4	6	-	-	10	10	800
	Cranwell	1010·1	-2	S'E	3	r	54	95	6	6	-	-	10	10	450
3	Birmingham	1009·9	0	SW	3	r	53	93	6	6	2	-	4-6	10	1500
	Upper Heyford	1011·3	+6	SSW	3	rr	53	95	6	6	2	-	7-8	10	800
4	Ross-on-Wye	1010·0	+4	S'W	3	r	51	85	8	6	-	-	10	10	2500
5	Portland Bill	1011·2	+6	SSW	4	r	50	95	7	5	-	-	10	10	1500
	Plymouth	1010·0	+4	S	4	3o	52	95	6	5	-	4	4-6	7-8	450
	The Lizard	1009·6	+2	S	4	bc	53	95	7	8	6	-	4-6	4-6	2500
	Scilly (St. Mary's)	1008·3	+6	SSW	5	bc	57	85	7	8	4	-	2-3	2-3	4000
	Guernsey	1012·6	0	SSW	3	c	54	95	7	8	-	-	9+	9+	1500
6	Pembroke	1007·3	0	SSW	2	c	51	95	6	5	-	-	7-8	7-8	800
7	Holyhead	1007·6	-2	S'E	4	c	54	85	7	5	1	-	7-8	10	1500
8	Chester (Sealand)	1007·9	-4	S'W	3	r	58	65	6	6	-	-	10	10	1500
	L'pool (Bidston)	1007·2	-2	SW'S	2	r	55	75	6	6	2	-	7-8	10	1500
9	Harrogate	1008·5	-6	S	2	r	54	95	4	6	2	-	9	10	<150
10	Spurn Head	1009·8	-2	SSE	4	r	50	95	3	5	-	-	10	10	220
	Catterick	1008·0	-4	SE	2	r	55	95	5	6	-	-	10	10	800
	Tynemouth	1008·2	-2	SE	3	r	50	95	6	6	-	-	10	10	1500
11	Inchkeith	1007·7	0	E	1	c	49	95	7	8	7	-	7-8	10	2500
12	Leuchars	1007·7	-2	ESE	3	c/r	53	85	7	9	2	-	7-8	10	1500
	Renfrew (Abbotts I.)	1005·9	-2	SSW	3	c	57	65	8	9	7	4	4-6	9	4000
	Eskdalemuir	1007·3	0	SSW	4	c	53	75	8	8	-	-	9+	9+	1500
13a	Tiree	1003·0	-4	SE'E	5	c	55	75	8	8	1	8	1	7-8	2500
13b	Stornoway	1002·0	-4	SE	2	c	54	95	8	8	6	2	2-3	7-8	2500
15	Dalwhinnie	1006·0	0	S	5	c	53	75	7	4	1	-	4-6	9	1500
	Aberdeen	1008·0	-4	SSE	2	o	46	95	5	5	-	-	10	10	<150
	Wick	1006·7	-20	SE	6	r	45	95	6	6	2	-	7-8	10	1500
16	Lerwick	1012·8	-14	SE'S	6	c	45	85	6	5	2	-	7-8	10	1500
17	Blacksod Point	997·6	0	S	6	q	55	65	8	3	-	-	7-8	7-8	1500
18	Malin Head	1000·0	-10	S'E	4	c	61	55	8	4	-	-	7-8	7-8	1500
	Aldergrove	1003·3	-10	SSE	4	c	55	65	8	8	-	7	4-6	9+	1500
	Donaghadee	1004·8	-4	S	3	c	50	95	7	5	-	-	9	9	1500
19	Birr Castle	1000·9	0	S	4	bc	59	75	8	3	-	-	4-6	4-6	2500
20	Valentia Obsy.	999·3	+2	S	5	p	54	85	8	9	-	-	9+	9+	1500
	Roches Point	1003·1	+4	SW	3	bc	54	75	8	3	-	-	4-6	4-6	1500

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

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)
1011·7	+6	SW'W	4	c	55	95	8	2	-	4	7-8	7-8	1500	1	*
1012·0	+4	SW	3	c	53	85	7	7	3	1	2-3	7-8	1500	1	*
1011·4	0	SW'W	4	bc	53	75	8	8	7	-	2-3	2-3	1500	1	*
1011·5	0	S'W	4	c	52	85	8	8	-	-	7-8	7-8	1500	1	*
1011·1	0	SSW	4	c	52	85	7	8	-	-	7-8	7-8	1500	1	*
1011·9	0	SSW	4	bc	53	85	8	5	7	-	2-3	4-6	2500	0	1
*	*	SW	2	c	*	*	6	8	8	*	4-6	7-8	1500	*	2
1012·7	-2	WSW	3	c/f	50	95	7	5	1	-	4-6	9+	4000	1	*
1012·3	+4	WSW	3	c	52	95	7	5	7	-	4-6	9+	1500	1	*
1011·7	-4	SSW	1	r	48	95	5	6	7	-	7-8	10	1500	1	2
1011·3	-8	S'E	3	rr	48	95	5	6	-	-	10	10	800	1	2
1010·2	+2	SW'W	3	c/r	51	95	7	9	2	-	9	9+	1500	1	*
1009·5	-2	SSW	3	bc	53	75	8	2	-	2	2-3	4-6	1500	1	*
1010·8	0	SSW	3	c	53	75	8	8	-	-	7-8	7-8	1500	1	*
1009·3	-4	W	3	PR	53	75	8	9	-	-	9+	9+	2500	1	*
1010·9	-6	SSW	4	bc	51	95	7	4	-	-	2-3	2-3	2500	1	3
1010·0	+2	S	S	c	51	95	7	5	3	1	4-6	7-8	800	1	3
1010·1	+4	SSW	3	c	51	95	7	4	1	2	4-6	7-8	2500	1	3
1009·2	+4	SW	5	bc	53	95	6	5	-	4	1	4-6	4000	1	3
1012·5	0	SW	3	bc	55	85	7	7	-	-	4-6	4-6	2500	1	3
1006·1	-8	SSW	3	c	50	95	6	5	7	-	4-6	9+	2500	0	2
1006·8	-2	S'W	4	b	52	85	6	2	-	1	1	1	1500	1	2
1007·6	-4	SSE	3	u	55	75	8	6	-	3	4-6	7-8	1500	1	*
1006·9	-4	SSE	3	bc	56	75	6	3	-	6	2-3	4-6	2500	1	*
1008·6	0	SSW	1	o/r	50	95	4	5	-	-	10	10	<150	1	*
1009·3	0	W'S	3	rr	50	95	6	3	2	-	4-6	9+	1500	1	2
1007·7	0	SSW	1	c/r	51	95	7	5	2	-	9	10	1500	1	*
1007·2	-4	SE	1	r	51	95	4	6	-	-	10	10	1500	1	1
1006·3	-6	E	1	r	54	75	7	8	-	-	10	10	1500	1	0
1006·7	-4	E	2	r	52	95	7	8	7	-	2-3	10	1500	1	*
1005·1	-6	SSE	4	c	57	65	7	8	7	2	7-8	9+	2500	1	*
1006·0	-4	SW'S	4	r	52	75	7	8	2	-	4-6	10	1500	1	*
1001·2	-12	SE'E	6	c	51	85	7	4	3	9	1	7-8	2500	0	4
1000·9	-4	-	0	c	53	95	8	8	7	-	4-6	9	2500	1	0
1004·8	-12	S	4	c	52	65	8	4	4	-	4-6	10	2500	1	*
1006·9	-4	SSE	2	r	46	95	4	6	-	-	10	10	<150	1	2
1004·9	-4	SSW	3	3o	46	95	6	5	2	-	7-8	10	1500	1	4
1003·2	-20	SSE	6	rr	44	95	6	6	-	-	10	10	800	1	*
996·3	-8	S	6	q	54	75	8	3	-	-	7-8	7-8	1500	0	4
999·3	0	ESE	3	th	55	85	7	9	-	-	9+	9+	1500	1	1
1002·1	-4	SE	4	b	53	75	7	5	-	1	1	1	1500	1	*
1003·5	-6	SSW	3	bc	52	85	7	8	-	-	4-6	4-6	1500	0	2
1000·0	-2	S	3	c/pr	53	85	8	8	-	8	4-6	7-8	2500	1	*
998·8	-2	S'W	5	r	51	95	6	6	-	-	10	10	800	1	4
1002·9	-4	SW	3	r	51	85	8	6	-	-	9	9	1500	0	4

PAST 24 HOURS.

Weather. 7h.–13h. (37)	13h.–18h. (38)	18h 25m to 1h 26m (39)	1h.–7h. (40)
rrr	rrrc	cbcm	bbcw
rm r rr	rrrc	cbcm	bcm rc
o r rr	orrbc	bbcb	b cpr
ff odd rrm	orrm c	bcbbcc	cr m
o rifrr	orrc	bcb	bccir
o rrrm	orrm bc	bcc	cpr bc
p	r	*	
fcocm	orr ff	cbcm OFF	bfffcom
cm	crrm c	cbc	bcbm
o r d d m	cm orrm rrm cm	cbcm cm	cm bcbm
omirq	orrm	oir cm	bcm
o r o	orr	cbwm	bwm
o r	prcbc	bccir	c
r r r	r r bc	beb	bwcm
ocor	mrcbc		oc
rrr	irobc	b	biro
o r r bc	bcm pr c	cmo	~~bccir~~ cirbcirm
f bc	bcc	copr	oprc
cbcp	bc	cr	cr p
orRc	cbc	bcbw	bccorr
Fid q m c	cbccm	bcm id c	cid cm
d f id r c	cbcb	bm bc	cm d o
idm co	rr c	rcbc	bcm
cc cr	oprbc	prb	b
coir	cor	obcm	obff
fffrf	frr	cbcw	bcpf
orrm ir	omRcr	cr bm	bmdfz
oir	orrm	oir bc	bcffm
c	cir	cir bc	bcc
crrir	cirm	cir m c	cir bcb
cm c	c	cbc	bc
oid c	ccir	cir	cir
bccm	corrm	cr r m	orr ffe
pr bcq	pr bcq	iR	brcq
c	cpr	bcpr	cpr
c	cb	b c	cr od
ocid c	cbc	co	cid m
bcpr	cpr	cpr	cpr
cprpr	c r r	or ir	cir c
bc	bccir	ir c	cbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s, 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.

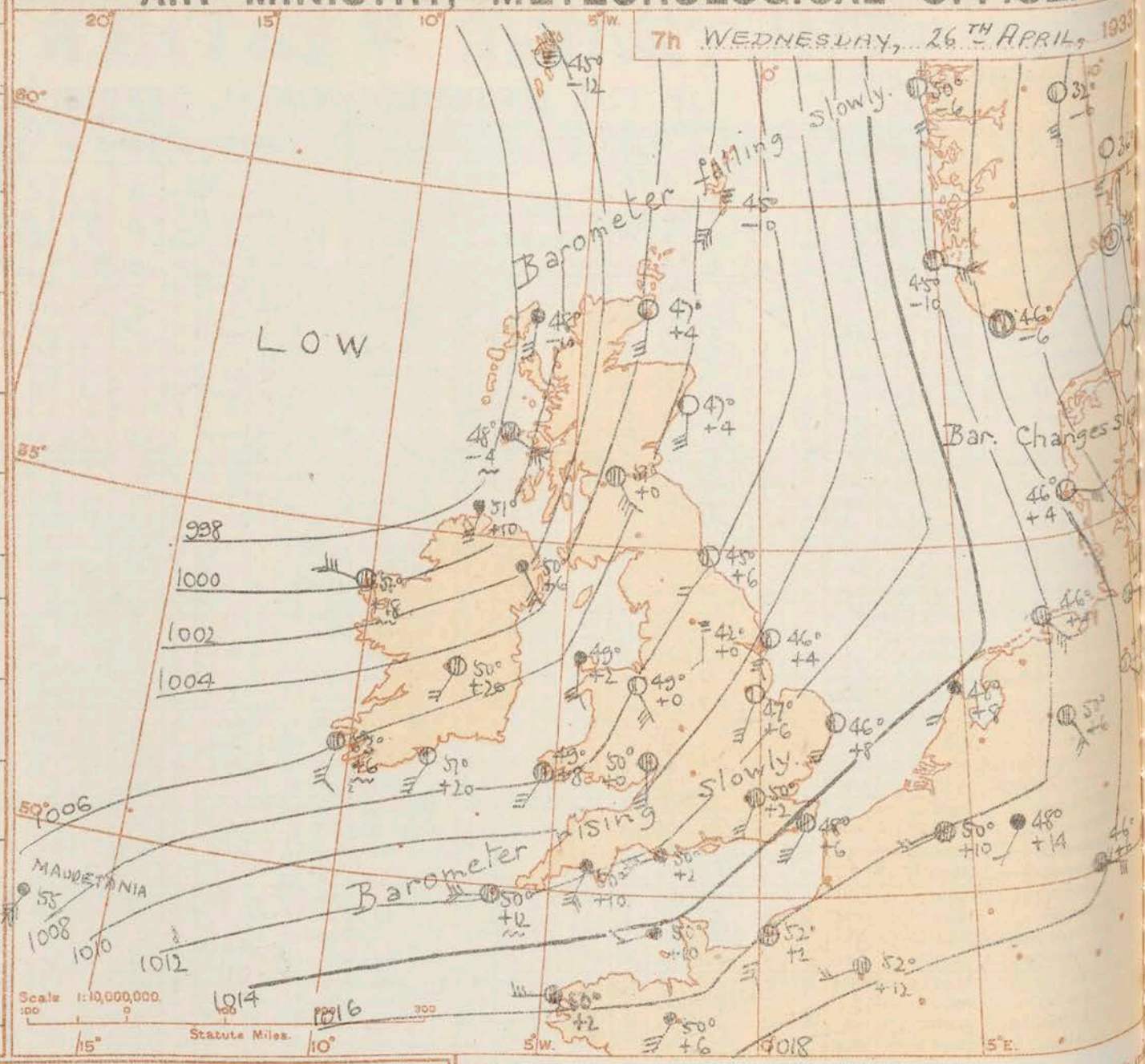
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 25th April 1933.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 24h. to 9h. 25.	Temperature. Max. 9h.—17h. 25th.	Rainfall. Night. 17h. 24th. to 9h. 25.	Rainfall. Day. 9h.—17h. 25th.	Sunshine. Sunrise to 17h. 25th.	Sunshine. Sunrise to Sunset. 24th.
1	Tunbridge W.	o	oro	46	56	2	6	0.0	0.0
	Bournemouth	or	oc	49	53	4	8	0.7	0.0
	Ventnor ...	erou	bc	48	52	7	12	1.3	0.0
	Southsea ...	orr	orcbc	48	54	4	9	1.4	0.0
	Bognor Regis	rr	rcbcb	48	52	4	14	0.6	0.0
	Littlehampton	ccr	crcbc	48	51	4	11	0.2	0.0
	Worthing ...	roo	rro	47	51	3	9	0.0	0.0
	Brighton ...	or	rO	47	53	3	11	0.0	0.0
	Eastbourne†	orr	rroc	49	53	3	10	0.3	0.0
	Hastings† ...	oco	orroc	48	53	3	13	0.0	0.0
	Folkestone ...	rom	orrm	48	54	1	10	0.0	0.0
	Dover... ...	mocor	mrro	46	55	1	9	0.0	0.0
	Deal	oor	rr	46	55	2	6	0.0	0.0
	Ramsgate ...	ro	or	40	54	0.1	6	0.0	0.0
	Margate ...	c	cr	42	55	3	6	0.0	0.0
2	Southend ...	o	or	47	55	2	6	0.0	0.0
	Maldon ...	ro	orr	49	58	3	6	0.0	0.0
	Clacton-on-Sea	orom	omrr	46	51	4	5	0.0	0.2
	Dovercourt ...	roc	roc	46	52	2	6	0.0	0.0
	Lowestoft ...	oir	or	46	49	3	4	0.0	0.4
	Skegness ...	cm	orm	48	54	2	6	0.0	0.1
	Mablethorpe	om	orm	47	55	2	4	0.0	0.0
	Cleethorpes ...	oir	orR	48	55	2	4	0.0	0.2
3	Leamington S.	oro	oroc	49	55	3	6	0.0	0.0
4	Cheltenham†	oirm	orcbc	51	55	2	4	1.4	0.1
5	Bath	cir	irbcb	51	57	2	5	1.9	0.0
	Weymouth ...	rr	ircb	50	55	6	6	2.3	0.0
	Jersey ...	rcr	pcbc	50	57	10	6	2.3	0.0
	Torquay ...	dor	rbcpc	51	55	5	5	1.3	0.0
	Penzance ...	ocbc	cbcb	50	56	4	-	7.1	0.0
	St. Ives ...	c	b	51	57	6	-	5.6	0.0
	Bude	cp	cbcp	50	58	2	5	1.3	0.1
	Ilfracombe ...	od	cbcpc	52	60	5	9	1.7	0.0
6	Aberystwyth	irc	bcprc	51	57	4	1	2.0	0.1
7	Llandudno ...	c	cdc	53	59	1	Tr	0.4	0.0
	Colwyn Bay...	cbco	opbc	53	60	0.3	0.3	0.6	0.1
	Rhyl	c	rcbc	53	62	2	Tr	0.6	0.5
8	Wallasey ...	cir	cbc	48	59	3	2	0.4	0.0
	Southport‖ ...	o	oroc	52	58	7	6	0.0	0.3
	Blackpool ...	c	orc	51	60	9	5	0.4	0.1
	Morecambe ...	cbbc	crc	52	59	9	5	0.3	2.4
9	Ilkley... ...	rr	rr	45	56	6	8	0.0	0.0
10	Berwick-on-T.	oro	rro	45	52	11	3	0.0	3.2
11	Dunbar ...	rcr	c	46	56	5	0.3	0.0	4.1
12	Troon... ...	roc	bcc	48	56	8	-	3.0	1.6
	Douglas ...	oFFir	oFFcb	45	53	15	1	0.8	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. ≡ Fog. ≡ Mist. T Thunder. ⧖ Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 26th April, 1933
1. S.E. England 2. E. England... 3. E. Midlands	Moderate southwesterly wind; occasional rain, or showers, possibly local thunder; bright intervals; mild.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Moderate or fresh southwest or west wind; bright intervals and showers today, probably another period of rain later; mild.
9. N. Midlands 10. N.E. England 11. S.E. Scotland	Moderate or fresh south or southwest wind; occasional rain, or showers, possibly local thunder; bright intervals; mild.
12. S.W. Scotland & Isle of Man	As 4 - 8.
13. {A. W Scotld. B. N.W. Scotland.} 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Moderate or fresh southerly wind; occasional rain, or showers; bright intervals; mild.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate or fresh southwest or west wind, strong locally; cloudy; showers or occasional rain; bright intervals; mild,

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

GENERAL INFERENCE.

A depression centred west of Scotland continues to move northwards slowly, while secondary disturbances will pass east or northeast across the British Isles. Weather will be mild generally, with rain at times or showers, but also bright intervals, in most districts.

FURTHER OUTLOOK.

Rather unsettled but mild.

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

Forecasts issued at 0900 G.M.T.

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

Morning of
WEDNESDAY
April 26th
1933.

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

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

Statute Miles 0 1 2 3 4 320

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 26th April 1933.

No. 26088

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

District.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0-10 (12)	Cloud. Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew) ..	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croyden ...	217	1013.1	0	SSW	3	bc	48	95	6	5	–	–	4-6	4-6	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot,(S'thmtn)	8														
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1014.4	+2	SW	2	bf	47	95	3	–	–	–	0	0	–
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	1012.6	0	SW	2	bc	48	95	5	–	2	–	0	2-3	–
	Cranwell ...	240														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1012.4	+4	SW	3	b	50	95	7	–	–	–	0	0	–
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	1010.9	+2	SSW	4	pr	50	95	8	5	–	–	10	10	2500
	Scilly(St.Mary's)	163	1009.6	+2	WSW	5	c	50	95	6	6	–	–	10	10	2500
	Guernsey ...	175	1013.9	+2	SW	3	b	50	95	7	–	–	–	0	0	–
6	Pembroke ...	142	1007.6	0	SW	3	id	49	85	7	8	–	–	7-8	7-8	1500
7	Holyhead ...	26	1006.9	-2	S	4	c	49	95	6	5	–	–	7-8	7-8	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1010.2	0	SSW	4	bc	46	95	6	5	1	–	2-3	4-6	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	1008.1	0	SW	2	bc	50	95	6	5	–	–	2-3	2-3	1500
11	Inchkeith ...	190	1006.9	+4	ESE	2	bc	49	78	8	5	–	–	4-6	4-6	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew(Abbotts L)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	999.8	-8	S	1	bc	49	95	8	8	–	–	4-6	4-6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1004.4	-6	SSW	3	c	46	95	7	5	2	–	7-8	10	1500
16	Lerwick ...	54	1008.1	-10	S	6	r	45	95	5	6	–	–	10	10	800
17	Blacksod Point	18	996.7	+10	WSW	6	rr	51	95	7	6	–	–	10	10	<150
18	Malin Head ...	52	998.2	-6	S'E	4	pr	50	85	7	8	2	–	9+	10	1500
	Aldergrove ...	258	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1001.2	+20	WSW	4	c/pr	51	95	7	8	–	–	9	9	2500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Cloud. Form. Med. (24)	Cloud. Form. High (25)	Cloud. Amount. Low 0-10 (26)	Cloud. Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1013.4	+6	SSW	3	bc	52	85	6	8	3	4	4.6	4.6	2500	1	*
1013.4	+2	S'W	3	c	50	85	6	5	–	1	7-8	7-8	800	1	*
1012.8	+4	SSW	3	c/pr	50	95	7	6	–	1	9	9+	800	1	*
1012.8	+10	S	3	c	49	95	7	6	–	–	9+	9+	800	1	*
1012.2	+6	S'W	3	c	49	95	6	6	–	–	9+	9+	450	1	*
1013.1	+10	S	4	c	51	95	7	6	–	–	9+	9+	800	1	2
*	*	SW	#3	bc	*	*	5	5	4	*	4.6	4.6	1500	*	3
1015.2	+6	SW	3	b	48	95	5	5	–	–	9+	9+	450	1	*
1014.0	+10	SSW	4	b	51	95	6	5	3	–	1	1	4000	1	*
1014.2	+14	SSW	3	bc	50	95	6	1	–	–	2-3	2-3	1500	1	2
1013.0	+8	SSW	3	b	46	95	6	1	4	–	0	2-3	–	0	2
1011.6	+6	SSW	3	b	47	95	6	5	–	–	1	1	800	1	*
1011.0	+4	SSW	3	c	47	95	8	5	–	–	9+	9+	1500	1	*
1012.3	+6	S	2	c	48	95	6	5	3	–	7-8	9	800	0	*
1010.5	0	S	3	c	50	85	7	6	7	–	9	9+	2500	1	*
1012.7	+2	SW	4	c/r	50	95	7	5	–	–	10	10	1500	1	3
1011.5	+10	SW'S	5	id	50	95	6	5	7	–	9+	10	450	1	3
1012.6	+10	W	4	c/pr	49	95	7	5	5	–	9+	9+	2500	1	3
1011.6	+12	W	5	c/pr	50	95	6	4	6	3	4.6	7-8	2500	1	4
1014.5	+10	WSW	1	c	50	95	6	6	–	–	10	10	1500	1	3
1007.1	+8	SW	3	c/id	49	95	6	5	7	–	4.6	9+	2500	1	2
1007.2	+2	S	4	id	49	95	6	4	3	–	10	10	220	1	2
1008.5	0	SE'S	3	bc	49	85	6	1	7	–	1	2-3	2500	1	*
1007.6	0	SSE	3	bc	49	85	6	1	7	–	1	2-3	2500	1	*
1010.1	0	S	1	bc/f	42	95	2	–	–	–	2-3	2-3	450	1	*
1011.2	+4	SSW	4	bc	46	95	6	5	–	–	2-3	2-3	1500	0	2
1009.5	+6	SSE	2	F	42	95	1	–	–	–	10	10	<150	1	*
1008.8	+6	SW	2	bc	45	95	5	5	–	–	4.6	4.6	1500	1	1
1007.7	0	SE	3	c	48	85	7	8	–	–	9+	9+	1500	0	2
1007.0	-2	SSE	3	bc	50	85	7	5	–	1	2-3	2-3	4000	1	*
1005.1	0	SSE	4	c	51	45	7	8	–	–	9+	9+	2500	1	*
1007.1	0	SSE	3	r	45	85	7	5	2	–	7-8	9+	800	1	*
998.9	-4	SE'S	6	o	48	95	6	6	–	–	10	10	800	1	4
998.1	-10	S	3	pr	48	95	8	9	7	–	4.6	10	1500	1	3
1004.9	-8	S	5	c	46	75	8	4	4	–	4-6	10	2500	0	*
1007.2	+4	S	3	c/b	47	95	6	-	3	–	0	Tr.	–	1	1
1004.0	+4	S	3	bc	47	95	8	-	5	1	2-3	2-3	2500	1	3
1006.8	-10	SW	6	f	45	95	2	–	–	–	10	10	<150	1	*
999.7	+18	NNW	5	q	51	85	7	8	–	–	9+	9+	<150	1	4
999.1	+10	S'W	3	dr	51	95	6	8	2	–	9+	10	800	1	1
1002.5	+6	SSE	4	r	50	95	6	6	–	–	10	10	450	1	*
1003.3	+4	SSW	2	id	49	95	6	5	–	–	10	10	800	1	1
1004.4	+20	SW	2	c/pr	50	95	8	9	2	–	9	10	2500	1	*
1005.9	+6	S'W	4	c	53	85	8	5	–	–	9+	9+	800	1	4
1007.4	+20	SW	3	bc	51	85	8	3	–	–	4.6	4.6	2500	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 2.5 Hrs. (36)
55	45	36	5	Tr.	1.2
56	47	43	5	0.4	1.6
55	46	38	7	0.1	2.1
54	46	41	7	Tr.	1.8
54	45	42	8	0.2	1.6
55	48	44	8	0.1	2.0
53	48	*	9	Tr.	*
51	44	40	9	Tr.	0.4
57	44	39	6	–	0.0
51	45	37	7	0.5	0.0
49	45	42	6	3	0.0
55	37	32	8	0.1	0.0
53	45	44	3	0.3	1.7
54	43	37	8	–	*
57	46	41	2	3	1.3
51	49	*	7	0.4	*
54	49	46	0.5	1	5.8
55	49	*	-	1	*
57	49	*	2	0.6	3.4
57	50		10	2	5.3
52	48	*	-	1	3.5
55	48	47	0.1	0.1	3.7
62	42	37	2	1	1.2
58	45	41	2	0.5	0.7
54	41	35	7	–	0.0
51	43	*	4	0.1	0.0
55	40	37	7	Tr.	0.0
52	43	39	7	0.4	*
55	45	41	0.2	0.2	0.0
54	42	31	2	0.1	0.0
59	46	40	-	-	1.0
55	43	42	2	0.5	0.3
55	47	45	-	2	9.1
56	47	*	1	0.4	4.9
54	44	35	-	Tr.	1.0
47	44	41	6	2	0.0
46	45	*	2	-	*
45	43	*	2	3	1.6
56	49	*	0.2	4	*
61	48	*	1	2	6.2
58	47	43	-	0.1	5.8
53	47	*	0.2	0.6	*
60	49	47	3	1	8.7
56	50	46	3	5	2.6
55	49	*	0.1	2	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations except Greenwich & Hampstead rainfall, 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	crr	crrc	cbmbw	55	45	36	5	Tr.	1.2	*	*	6
Croydon	217	cmdr	crrc	cbcmdr	56	47	43	5	0.4	1.6	*	*	7
Greenwich (Royal Observatory) ...	149	cd	drrc	bc	58	44	37	5	–	0.4	97	82	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.4	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	56	47	39	5		0.5	93	71	*
†Regents Pk. (Botanic Gardens) ...	168	*	*	*	57	47	43	5		0.2	93	74	*
Camden Square	110	o	orcrc	*	56	47	39	5		*	*	74	*
Kensington	80	cor	or	*	60	47	38	6	–	0.6	At 18h. 75	*	*
Hampstead Observatory	450	od	or	bc	53	45	33	7	–	0.3	87	83	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 26th

South Kensington. Max.	Time.	Min.	Time.
0.8	21h 25th	Nil.	1-5h 26th

Kew Observatory. Max.	Time.	Min.	Time.
0.2	20h 25th	<0.1	0-4h 26th

FOREIGN OBSERVATIONS.

18h. G.M.T. 25th April

Stations.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1013.5	NNW	4	rr	55
Brussels	1012.2	SSE	2	c	63
Berlin	1022.0	E	1	b	52
Zürich	1016.0	ENE	3	bc	59
Rome	1016.2	W	4	b	59

7h. G.M.T. 26th April

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1017.9	WSW	2	c	52
1016.2	WSW	2	o	50
1021.6	E'S	2	b	46
1019.8	NNW	6	r	46
1020.9	NNE	2	c	45

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
72	48	7	2
66	48	–	5
57	37	–	–
66	45	–	11
64	36	–	–

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

‡ Maximum and Minimum Temperatures and Rainfall are for the 24 hours ending 9 h.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 27th April 1933.

No. 26089

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

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)...	1013·4	-2	SW'S	4	pr.	57	65	7	5	7	-	4·6	10	2500
	Croydon ...	1013·4	-6	SSW	4	c	55	75	6	7	7	-	7·8	9	2500
	S. Farnborough	1013·2	-2	SW'S	3	ir.	56	75	8	5	-	-	9+	9+	2500
	Winchester ...	1012·8	-2	SSW	4	c	55	75	8	8	7	-	7·8	7·8	1500
	Boscombe Down	1012·2	-2	SSW	4	cjp	57	85	7	9	3	-	9	9+	800
	Calshot, S'thmtn	1014·0	+6	SSW	4	c	55	75	7	8	-	-	7·8	7·8	1500
	Dungeness ...	*	*	SW	3	c	*	*	6	8	-	*	9	9	1500
	Lympne ...	1015·0	-2	SW'S	4	c	57	75	8	2	-	-	7·8	7·8	1500
2	Shoeburyness	1014·0	-2	SW'S	5	c	59	65	8	8	3	-	4·6	7·8	4000
	Felixstowe ...	1013·9	-2	SE'S	3	c	53	85	7	7	-	-	9+	9+	4000
	Gorleston ...	1013·5	0	S'E	5	c	50	95	6	8	-	-	7·8	7·8	2500
	Cranwell ...	1011·3	-2	SSW	4	c	56	75	8	8	3	1	9	9+	2500
3	Birmingham ...	1010·9	0	SSW	3	cjp	53	85	8	6	-	-	9	9	1500
	Upper Heyford	1012·2	+2	S	3	pr.	54	85	8	8	2	-	9+	10	1500
4	Ross-on-Wye ...	1010·8	+6	SSW	4	c	58	65	7	2	3	1	7·8	7·8	4000
5	Portland Bill...	1013·8	+2	SW	4	c	51	95	7	4	4	-	4·6	7·8	2500
	Plymouth ...	1013·3	+4	SW'S	5	c	55	85	7	8	-	-	7·8	7·8	2500
	The Lizard ...	1014·0	0	SSW	4	rr	52	95	5	5	-	-	10	10	800
	Scilly (St. Mary's)	1012·5	-4	SW'W	5	r.o.	52	95	5	5	-	-	10	10	2500
	Guernsey ...	1015·7	+6	W'S	5	bc	57	75	6	7	-	-	4·6	4·6	2500
6	Pembroke ...	1009·7	+6	SSW	3	c	51	95	5	5	-	-	10	10	1500
7	Holyhead ...	1008·2	+4	SSW	5	q	54	85	6	5	3	-	2·3	2·3	800
	Chester (Sealand)	1008·5	-2	SW'W	4	c	60	65	8	8	-	6	2·3	7·8	1500
8	L'pool (Bidston)	1008·5	0	W'S	4	c	57	65	8	8	-	2	4·6	7·8	2500
9	Harrogate ...	1009·2	-6	S	3	c	55	75	6	6	2	-	9	10	4000
10	Spurn Head ...	1010·9	-2	SSW	4	c	56	75	7	3	3	-	2·3	7·8	2500
	Catterick ...	1008·5	-6	S'W	3	3o	55	75	6	5	-	-	9	9	1500
	Tynemouth ...	1007·9	-6	S	3	c	50	85	6	6	-	-	7·8	7·8	1500
11	Inchkeith ...	1006·2	-14	S	4	c	55	75	8	8	7	-	7·8	9+	2500
12	Leuchars ...	1006·5	-2	SSE	3	c	57	65	7	8	6	-	7·8	9	2500
	Renfrew (Abbotts'l)	1004·5	-6	SSE	4	id.	54	85	6	5	2	-	9	10	1500
	Eskdalemuir ...	1006·6	0	S	4	dd	50	95	5	6	-	-	10	10	220
13A	Tiree	1000·5	+6	S	5	c	53	85	7	5	7	-	7·8	10	1500
13B	Stornoway ...	997·3	-2	S	5	c	50	95	8	8	6	-	7·8	9+	1500
15	Dalwhinnie ...	1003·3	-2	S	3	ir.	48	85	7	3	4	-	4·6	10	1500
	Aberdeen ...	1005·9	-8	S	4	bc	55	65	6	2	5	-	1	2·3	4000
	Wick	1003·1	-6	S	4	bc	51	85	8	5	3	3	2·3	4·6	2500
16	Lerwick ...	1006·8	0	S'E	5	f	45	95	2	.	.	.	10	10	<150
17	Blacksod Point	1000·4	-2	S	5	ir.	53	95	7	6	-	-	10	10	<150
18	Malin Head ...	1000·7	0	S'W	3	c	55	85	7	8	2	-	9+	10	1500
	Aldergrove ...	1003·7	+2	S'W	5	c/r.	55	65	8	8	2	-	9+	10	2500
	Donaghadee ...	1005·3	+4	SW	2	bc	58	85	8	5	3	-	4·6	4·6	1500
19	Birr Castle ...	1004·1	-4	SSW	2	pr.	57	75	7	5	-	-	10	10	2500
20	Valentia Obsy.	1004·3	-8	SW'S	4	dd	55	95	6	5	-	-	10	10	450
	Roches Point...	1005·8	-8	SW	4	dd	53	95	5	5	-	-	10	10	800

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

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	0	SSW	3	c	57	75	7	8	8	-	7·8	9	2500	1	*
1013·2	0	S'W	3	3o	55	75	6	8	3	-	7·8	7·8	2500	1	*
1013·0	+2	SSW	4	c	56	75	7	8	-	8	4·6	7·8	1500	1	*
1013·2	+4	SSW	4	id.	54	85	7	5	-	-	9	9	2500	1	*
1012·9	+6	SW'S	3	c	53	85	6	5	2	-	7·8	10	1500	1	*
1013·7	+2	SSW	4	c	52	85	6	5	-	-	9+	9+	450	0	2
*	*	SW'S	3	c	*	*	6	5	7	*	4·6	7·8	1500	*	2
1015·1	+2	SW'S	4	c	51	95	7	5	-	-	9+	9+	450	0	*
1013·6	0	S'W	3	b	55	85	7	5	3	-	1	1	4000	0	*
1013·7	0	SSE	3	bc	51	95	7	5	3	-	2·3	4·6	4000	0	2
1012·7	-2	S'E	4	bc	55	75	6	4	7	-	2·3	4·6	2500	0	2
1010·6	0	S'W	4	cjp	57	75	8	5	-	-	9	9	2500	1	*
1010·5	0	SSW	3	c	55	65	8	5	-	-	9	9	2500	1	*
1012·0	0	SSW	3	c	53	85	8	7	4	-	4·6	7·8	2500	1	*
1011·0	0	SW	3	c	53	75	7	6	1	-	9+	10	2500	1	*
1013·5	0	SW	5	id.	50	95	6	5	-	-	10	10	1500	1	4
1012·7	-10	SW'S	5	rr	51	95	6	6	-	-	10	10	450	1	4
1012·5	-4	SSW	4	rr	51	95	4	5	-	-	10	10	800	1	3
1010·7	-16	SW	5	rr	52	95	5	6	-	-	10	10	1500	1	4
1015·5	0	W	3	0	53	95	6	5	-	-	10	10	2500	1	3
1008·3	-18	SSW	3	df	50	95	3	.	.	.	10	10	<150	1	2
1007·1	-10	S	5	id.	51	95	6	5	-	-	10	10	220	1	2
1008·3	-4	SSE	3	c	56	65	7	5	3	-	7·8	9	2500	1	*
1008·2	-2	SSW	3	c	57	65	9	8	3	-	2·3	9	2500	0	*
1008·8	0	S	1	c	52	85	5	8	-	-	9+	9+	2500	1	*
1009·8	-2	S	4	c	56	75	7	5	3	-	4·6	7·8	2500	0	2
1008·0	+2	S	2	c	53	75	7	5	-	-	10	10	4000	1	*
1007·1	0	S	2	bc/r.	55	85	6	2	-	-	4·6	4·6	2500	1	1
1008·3	-6	S	3	c	54	65	8	5	4	-	7·8	9+	4000	0	3
1005·2	-14	S	3	c/pr.	55	75	8	8	7	8	7·8	9	4000	1	*
1002·8	-12	S	3	bc	56	65	7	8	-	-	4·6	4·6	2500	1	*
1005·8	0	SSW	6	c	50	85	7	8	7	-	7·8	9+	800	1	*
999·2	-12	S'E	5	ir	50	95	6	6	2	-	9+	10	800	1	3
996·9	-2	S	5	c/pr.	48	95	7	8	2	-	4·6	10	1500	1	3
1002·4	-2	S	3	d	48	85	7	3	4	-	4·6	10	1500	1	*
1004·7	-10	S'E	4	c/pr.	48	85	6	5	3	-	4·6	7·8	1500	1	1
1001·3	-14	SE	5	c/pr.	49	95	6	8	1	8	7·8	9+	2500	1	3
1004·6	-4	SE'E	6	c	45	95	6	5	-	-	7·8	7·8	800	0	*
1000·6	+10	W	4	bc	54	75	7	-	4	-	0	2·3	-	0	3
998·6	-10	S	3	pr.	55	95	7	8	2	-	9+	10	800	1	1
1002·2	-12	SSE	4	c/r.	55	75	7	8	-	-	9	9	2500	1	*
1003·3	-12	SW	2	cjp	53	85	8	5	-	-	7·8	7·8	1500	0	1
1002·7	-8	SW	3	c/pr.	58	85	8	3	-	-	9+	9+	1500	1	*
1006·0	+14	SW'W	4	c	52	95	7	5	-	-	10	10	800	1	4
1005·5	-6	SW	3	c	54	95	7	3	-	-	9	9	1500	1	5

PAST 24 HOURS.

Weather 7h.–13h. 26th (37)	Weather 13h.–18h. 26th (38)	Weather 18h.–0h. 26th to 1h. 27th (39)	Weather 1h.–7h. 27th (40)
bccpr.	bcc	c	orc r.m.
cd.pr.c	cbcc	bcz.cdom.	com.d.
cbccir.	cvcbc	bcbir	oirdd
cd.c	c	cdor.	cr.
cir.prc	cprpr.	coid.	orir.bc
crcc	cbcc	oir	orid.
c	c	*	r
cbc	bcvc	cofbcoddf	oddFRR
bm.bcc	cbc	b	cir.m.
bm.bcc	cbc	bc	bcor.f.m.
bccq	cqcbc	bcb	bccz.
bm.c	c	cr.c	dd m.
bcc	cpr.	co	or.bc
cpr.	cPRpr.bc	bccd.	cirdd
cbcc	cbccp.c	cor.	cir.bc
c	coid.z.	Rrr	orrc
cidmbc	orddd.dom.	orrm.c	cpr.
codm.	omrr	rrfbc	oc
cr.m	omrr	rrifc	c
bcoir	bcco	orr	orr
cqbom.c	cm.id.fc	fidbcq	bcqcbcb
id.f.c	bor.qm.o	rdd.o	cbc m.
cdR	c	cr.c	c
bccprc	ccbccv	rrccr	r.cbb
fcbir.	cp	cb	pcb
bcc	c	cbcw	corr
ofecm.	cz.pr.	cbcb	bcprq.
bcc	cir.bc	bcoir.bc	bcoirbcm.
c	c	cbc	cir
bbcc	cpr.	cbc	cpir.bc
cpcid.m.	cd.prbc	bccur	bccp.
cir.odd	oddcid	coidrr	orrc
oidc	cir.	gRRc	cuR ur
cpr.	cpr.	cpr	cpr
c	ir	*	ur
b3.	bcpr.	cbcb	bccor
bc	pr.m.	cbc	bcprc
fffe	fffcm.	cmff	cpromof
iro	id.	PRq	b.cq.
cpr.	cpr.	cpR	cpr.
or.	d.cr.	cpr.bc	bcc
id.bc	bcc	oidc	cbcb
cpr.	cpr.	cpr.	c
cidirdd	oddid.c	cbc	bccprc
bcirodd	oddc	cbc	bcp.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., 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.*

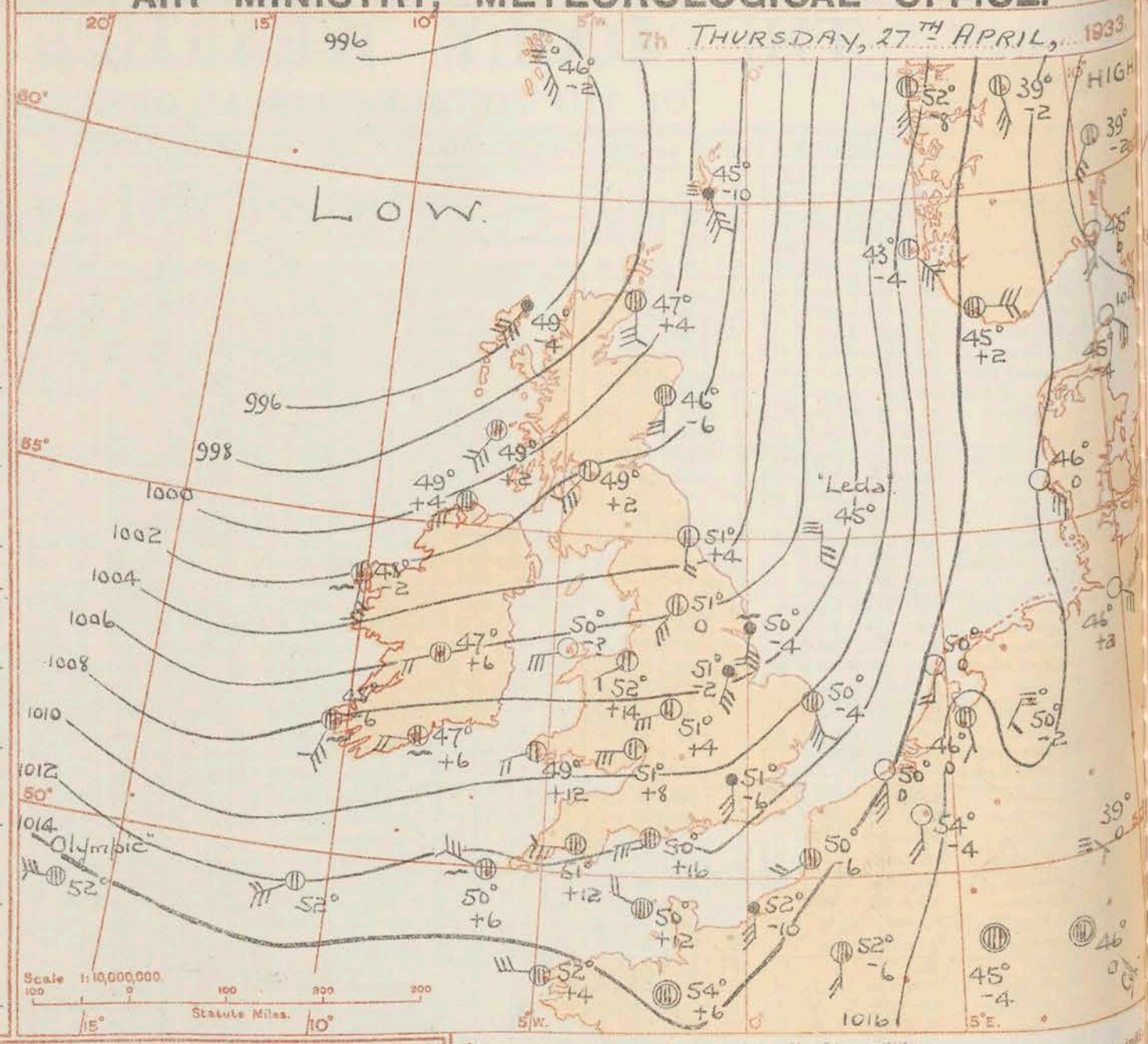
REPORTS from HEALTH RESORTS for Wednesday, 26th April 1933.

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.	opoc	bco	45	58	Tr	Tr	5.4	0.7
	Bournemouth	cbc	o	49	59	–	–	3.0	0.9
	Ventnor ...	opocf	cocf	48	53	1	–	1.1	2.0
	Southsea ...	bbc	bcb	49	58	1	–	5.0	2.3
	Bognor Regis	bc	bc	48	53	1	–	3.5	2.1
	Littlehampton	bc	bcbc	47	53	1	–	1.3	1.6
	Worthing ...	c	c	48	55	Tr	–	1.5	1.3
	Brighton ...	ocpc	co	48	55	Tr	0.1	1.1	0.0
	Eastbourne†	cbcc	cbcco	48	55	–	–	5.4	1.0
	Hastings† ...	cbc	bcco	48	55	0.3	–	4.4	0.2
	Folkestone ...	cbc	bcb	47	56	Tr	–	7.2	0.2
	Dover... ...	cbc	bcb	48	54	1	–	6.0	0.0
	Deal	cbcb	b	45	58	1	–	3.0	0.0
	Ramsgate ...	cbc	bc	47	57	1	–	7.8	0.0
	Margate ...	bc	bc	46	59	1	–	5.1	0.0
2	Southend ...	coc	cbcb	46	59	0.3	–	4.0	0.2
	Maldon ...	bbcc	cbc	39	60	0.3	–	4.4	0.0
	Clacton-on-Sea	cbcc	cbc	47	55	1	–	5.1	0.0
	Dovercourt ...	rbc	bc	45	56	0.5	–	6.0	0.0
	Lowestoft ...	bbc	bcc	42	56	4	–	7.2	0.0
	Skegness ...	obc	b	45	59	1	–	5.4	0.0
	Mablethorpe	coc	oc	41	59	1	–	4.9	0.0
	Cleethorpes...	ocbc	bcc	44	60	0.6	–	3.8	0.0
3	Leamington S.	co	c	45	59	0.1	–	4.0	1.3
4	Cheltenham†	cir	c	46	58	Tr	1	4.6	1.8
5	Bath	cirₒ	cpbc	49	60	Tr	3	1.8	3.4
	Weymouth ...	cbc	cdcm	49	53	0.4	Tr	3.1	2.6
	Jersey ...	rcpbc	bcc	49	57	3	Tr	4.2	2.3
	Torquay ...	pcpbc	odp	49	60	1	Tr	2.7	1.6
	Penzance ...	bcrₒ	rᵒr	48	58	2	5	2.5	7.1
	St. Ives ...	c	rᵒr	44	57	3	3	2.8	5.9
	Bude	rcbc	cr	49	55	Tr	1	1.4	2.1
	Ilfracombe ...	ocbc	cor	49	58	1	3	1.9	2.6
6	Aberystwyth	cod	cidₒ	48	55	1	1	0.5	3.7
7	Llandudno ...	c	cbcc	49	60	–	–	3.0	1.6
	Colwyn Bay...	bcc	bcpbc	47	58	1	Tr	5.4	1.8
	Rhyl	bcc	cbcc	46	59	0.5	–	4.0	1.4
8	Wallasey ...	crₒc	cbc	45	56	1	Tr	2.8	1.1
	Southport‖ ...	coroc	cbcco	45	60	0.4	0.3	4.2	0.7
	Blackpool ...	c	bc	44	58	–	–	5.1	0.9
	Morecambe ...	cbbc	cbc	43	57	–	–	3.9	0.5
9	Ilkley... ...	bc	bcpr	38	56	Tr	Tr	4.9	0.0
10	Berwick-on-T.	bbcc	co	42	59	2	–	6.5	0.0
11	Dunbar ...	bc	bc	46	60	2	–	5.6	0.0
12	Troon... ...	coc	bc	49	54	–	Tr	1.4	3.2
	Douglas ...	oFidc	cbc	47	53	Tr	Tr	2.4	1.4

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. THURSDAY, 27TH APRIL, 1933.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 27th April, 1933.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Moderate southwest or west wind; showers or occasional rain, but some bright intervals; rather mild.
13. {A. W Scotld. B. N.W. Scotland	Fresh or strong southwest wind; mainly cloudy, some rain or showers; rather mild.
14. Mid-Scotland 15. N.E. Scotland	As 1 - 12.
16. Orkneys and Shetlands.	Fresh or strong south wind; cloudy, occasional rain; some mist; moderate temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 1 - 12.

H.M. Stationery Office Press, Kingsway WC2.

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 ⅛ clouded. ◐ Sky ⅛ to ⅜ clouded. ◑ Sky ⅜ to ⅝ clouded. ◑ Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. K Thunderstorm.
SEA DISTURBANCE. ~~ Rough. ≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperatures here.

GENERAL INFERENCE.

A depression off the Hebrides is tending to move slowly east or northeast and become less deep, while small secondaries are crossing the British Isles. Weather will be unsettled but there will be bright intervals.

FURTHER OUTLOOK.

Showers and bright intervals; somewhat cooler in the North.

Forecasts issued at 0930 G.M.T.

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

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

Morning of
THURSDAY
April 27th
1933.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 27TH April 1933.

No. 26089

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

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	1012.3	-6	S	4	O	50	95	5	5	-	-	10	10	220
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8														
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1014.3	-12	SSW	3	dF	48	95	1	5	-	-	10	10	<150
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	14	1012.2	-8	S	3	b	48	95	6	-	-	-	O	O	-
	Cranwell	240														
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1010.0	-18	SSW	4	rr	50	95	7	5	-	-	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	222	1010.6	0	W	3	O	49	95	8	5	-	-	10	10	2500
	Scilly (St. Mary's)	163	1011.1	+4	W'N	5	c	51	95	7	5	-	-	9+	9+	2500
	Guernsey	175	1012.3	-24	S	3	rr	51	95	5	6	-	-	10	10	1500
6	Pembroke	142	1008.8	0	WSW	4	q	48	95	7	7	7	-	4-6	4-6	2500
7	Holyhead	26	1006.1	-4	SWW	4	c	49	95	6	5	-	-	9+	9+	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	10084	-4	S'W	4	bc	51	95	7	-	3	-	O	2-3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	67	1006.0	-16	S	3	bc	51	75	6	9	-	-	4-6	4-6	1500
11	Inchkeith	190	1002.8	-10	SSW	2	bc	540	85	8	5	-	-	4-6	4-6	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts'D)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	9949	-6	S	5	c	47	95	8	8	7	-	4-6	7-8	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	999.8	-6	S	4	bc	47	95	8	8	1	8	4-6	4-6	2500
16	Lerwick	54	1002.6	-6	SSE	6	of	45	95	3	5	-	-	10	10	220
17	Blacksod Point	18	1001.6	+2	W	6	q	52	85	7	9	-	-	7-8	7-8	220
18	Malin Head	52	1000.0	0	S'W	3	c	49	95	7	3	-	-	7-8	7-8	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1006.3	+6	SWW	4	bc	50	95	8	2	-	-	4-6	4-6	4000
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1010.0	-6	S'W	2	d. d.	52	95	5	6	-	O	9	10	1500	1	*
	Croydon	1010.8	-6	S	3	dd	51	95	6	6	-	-	10	10	450	1	*
	S. Farnborough	1009.8	-6	SSW	2	dd	52	95	6	6	-	-	10	10	450	1	*
	Winchester	1009.7	+4	WSW	3	ir.	51	95	7	5	-	-	10	10	1500	1	*
	Boscombe Down	1009.9	+8	W	3	c	51	85	8	8	-	-	9	9	2500	2	*
	Calshot, (S'thmtn)	1010.1	+4	SW	2	uf	52	95	5	5	-	-	10	10	4150	1	1
	Dungeness	*	*	S	3	c/pr	*	*	6	8	2	*	4-6	9+	1500	*	3
	Lympne	1012.6	-6	S	3	of	48	95	3	5	-	-	10	10	4150	1	*
2	Shoeburyness	1011.3	-4	SSW	3	r.r.	51	95	6	5	7	-	2-3	10	4000	1	*
	Felixstowe	1011.5	-6	SSE	3	r.r.	50	95	6	5	-	-	10	10	800	1	2
	Gorleston	1010.8	-4	SSE	4	c	50	95	6	5	-	-	10	10	2500	-	2
	Cranwell	1007.9	-2	S'W	3	d/d	51	95	4	5	-	-	10	10	450	1	*
3	Birmingham	1008.5	+4	W	3	bc	51	85	7	9	3	-	2-3	4-6	800	1	*
	Upper Heyford	1009.2	+2	W	3	c/d	51	95	8	8	-	-	9+	9+	1500	1	*
4	Ross-on-Wye	1008.8	+8	W	3	bc	51	85	8	8	-	-	4-6	4-6	4000	1	*
5	Portland Bill	1012.0	+16	W'S	3	c	50	95	7	8	2	-	7-8	10	1500	1	3
	Plymouth	1011.4	+12	W	4	c	51	85	8	5	-	-	9+	9+	1500	1	3
	The Lizard	1012.7	+10	W'N	3	c	50	95	8	8	8	-	~~7-8~~ 4-6	~~9+~~ 6+	2500	1	3
	Scilly (St. Mary's)	1012.5	+6	WNW	4	c	50	95	7	5	-	-	7-8	7-8	4000	1	4
	Guernsey	1012.7	+12	WNW	2	c	50	95	7	5	-	-	10	10	2500	1	2
6	Pembroke	1009.3	+12	WSW	2	bc	49	85	6	5	-	-	2-3	2-3	1500	1	2
7	Holyhead	1007.6	?	SWW	3	bc	50	85	6	5	4	-	~~7-8~~ 4-6	1	5700	1	1
	Chester (Sealand)	1007.6	+14	SW	1	bc	52	75	6	5	-	-	2-3	2-3	4000	1	*
8	L'pool (Bidston)	1007.4	+8	W'N	3	bc	50	85	8	7	4	-	1	2-3	2500	0	*
9	Harrogate	1006.7	+0	SW	3	bc	51	85	7	6	8	-	1	2-3	2500	1	*
10	Spurn Head	1007.5	-4	S'W	5	rr	50	95	6	6	-	-	10	10	1500	1	4
	Catterick	1005.8	+12	SW	2	bc	52	75	8	9	-	-	4-6	4-6	1500	1	x
	Tynemouth	1003.8	+4	S	2	bc	51	95	5	4	6	-	4-6	4-6	4000	1	1
11	Inchkeith	1002.6	+2	SW	4	bc	48	95	7	4	4	-	4-6	4-6	2500	1	2
	Leuchars	1002.3	+0	SW	3	bc	49	85	7	7	3	-	1	2-3	4000	1	*
12	Renfrew (Abbotts'D)	1002.7	+2	SSW	4	bc/pr	49	85	6	9	7	-	2-3	2-3	800	1	*
	Eskdalemuir	1003.7	+10	SW	4	c	47	95	6	5	-	-	9+	9+	800	1	*
13A	Tiree	998.2	-2	SSW	5	c/r	49	95	7	6	1	-	7-8	10	800	1	3
13B	Stornoway	994.0	-4	SSW	6	pr.	49	95	7	8	7	-	7-8	9+	800	1	3
15	Dalwhinnie	1001.2	+0	S	3	c	46	95	7	4	2	-	4-6	9	1500	1	*
	Aberdeen	1001.4	-6	S	3	o/r	46	95	5	6	-	-	10	10	4150	1	1
	Wick	998.9	-4	S	4	c	47	95	8	8	7	3	4-6	7-8	2500	1	3
16	Lerwick	1001.1	-10	SSE	6	~~bc~~ r	45	95	3	5	-	-	10	10	4150	0	*
17	Blacksod Point	1002.0	-2	S	4	bc/q	48	75	8	5	6	-	4-6	4-6	800	0	4
18	Malin Head	1000.4	+4	SW	3	c/pr	49	95	7	8	7	-	9	9+	1500	1	1
	Aldergrove	1003.5	+4	S'W	3	c	48	85	8	5	-	-	9+	9+	1500	1	*
	Donaghadee	1004.2	+6	SW	1	bc	50	85	8	5	-	-	1	1	1500	0	0
19	Birr Castle	1006.0	+6	SW	2	c	47	85	8	5	-	-	7-8	7-8	2500	1	*
20	Valentia Obsy.†	1008.0	-6	SW'S	4	c/pr	48	85	8	5	-	-	9	9	1500	1	4
	Roches Point	~~1010.0~~ 1008.0	+6	W	2	bc	47	95	8	3	-	-	4-6	4-6	2500	1	4

PAST 24 HOURS

District	Stations	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 26th Hrs. (36)
1	London (Kew)	61	51	47	Tr	0.6	5.8
	Croydon	59	49	47	Tr	1	4.1
	S. Farnborough	60	50	47	Tr	1	3.3
	Winchester	58	50	48	0.1	0.6	2.2
	Boscombe Down	58	49	48	1	2	2.2
	Calshot, (S'thmtn)	56	50	50	Tr	3	4.9
	Dungeness	56	~~52~~ 47	*	Tr	1	*
	Lympne	57	~~46~~ 47	46	-		5.7
2	Shoeburyness	59	45	43	-	0.1	6.7
	Felixstowe	55	48	42	-	Tr	7.1
	Gorleston	59	45	43	-	-	10.1
	Cranwell	60	49	46	-	3	6.7
3	Birmingham	57	49	47	Tr	2	2.0
	Upper Heyford	57	49	48	2	1	*
4	Ross-on-Wye	59	49	45	0.1	0.6	3.5
5	Portland Bill	52	48	*	Tr	3	*
	Plymouth	56	49	48	2	7.6	2.23
	The Lizard	55	48	*	4		3.1
	Scilly (St. Mary's)	54	49	*	5	3	4.7
	Guernsey	58	49	47	1	9	
6	Pembroke	53	47	*	1	4	1.9
7	Holyhead	55	47	43	0.5	2	2.4
	Chester (Sealand)	61	52	48	2	0.4	3.9
8	L'pool (Bidston)	58	48	46	0.1	3	4.7
9	Harrogate	57	49	42	0.1	4	4.4
10	Spurn Head	60	47	*	-	1	4.5
	Catterick	56	49	47	Tr		0.7
	Tynemouth	55	48	44	0.1	1	*
11	Inchkeith	56	48	43	-	2	1.3
	Leuchars	60	48	40	Tr	1	5.7
12	Renfrew (Abbotts'D)	57	46	42	0.6	1	0.9
	Eskdalemuir	52	46	45	2	13	0.1
13A	Tiree	55	48	45	2	13	1.4
13B	Stornoway	50	42	*	0.1	0.3	0.4
15	Dalwhinnie	51	43	37	2	1	1.2
	Aberdeen	56	46	44	Tr	1	8.9
	Wick	51	46	*	Tr	0.3	*
16	Lerwick	46	44	*	-	Tr	
17	Blacksod Point	55	47	*	0.4	1	*
18	Malin Head	58	48	*	0.2	3	1.4
	Aldergrove	60	46	42	0.6	1	1.0
	Donaghadee	60	45	*	Tr	0.6	*
19	Birr Castle	59	46	41	0.5	Tr	2.3
20	Valentia Obsy.†	55	47	44	3	0.4	0.1
	Roches Point	55	46	*	3	0.1	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations except Greenwich & Hampstead rainfall, 9h-18h.

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
								Yesterday.			To-day.		
KEW	18	bc.pr.	bcc	cor.sm.	61	51	47	Tr	0.6	3.8	*	*	6
CROYDON	217	cd.pr.c	cbcc	cd.mist	59	49	47	Tr	1	4.1	*	*	6
GREENWICH (Royal Observatory)	149	cp. c	cbc	bcdd	62	49	43	Tr	1	3.4	73	93	6
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	2.5	*	*	*
WESTMINSTER (St. James' Park)	27	*	*	*	60	51	47	1		3.2	65	87	*
†REGENTS PK. (Botanic Gardens)	168	*	*	*	61	51	49	0.5		2.6	60	93	*
CAMDEN SQUARE	110	cdc	cdc	*	61	52	45	Tr	0.5	*	*	94	*
KENSINGTON	80	bcp	cod	*	60	51	46	Tr	0.5	3.6	At 18h. 77	93	*
HAMPSTEAD OBSERVATORY	450	c	bc	or	58	48	38	-	1	2.4	*	99	*

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	20-22h 26th	Nil	0-5hrs 27th

KEW OBSERVATORY. Max.	Time.	Min.	Time.
0.1	18hrs 26th	0.1	0-5hrs 27

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 26th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 27th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
PARIS	1017.0	NW	1	pr.	54	1015.4	S	2	m	52
BRUSSELS	1015.5	WSW	1	c	59	1014.7	S	2	bc	54
BERLIN	1018.4	E	2	b	57	1018.6	ENE	2	b	50
ZÜRICH	1018.4	NW'N	6	c	50	1014.6	SSE	1	m	46
ROME	1018.3	SW	2	o/p	55					

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
61	45	2	1
63	45	0.1	-
61	39	-	-
? 64	41	2	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 and Rainfall are for the 24 hours ending 9h.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 28th April 1933.

No. 26090

District.	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 27th April														OBSERVATIONS at 18h. G.M.T. 27th April														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	Cloud. 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	Cloud. Height of Base. (feet)	State of Ground. 0-9	Sea. 0-9	Weather. Th.–18h. 27th	Weather. 18h.–18h. 27th	Weather. 18h. 27th to 1h. 28th	Weather. 1h.–7h. 28th
		(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)...	1010·4	-2	W	3	c	60	55	7	8	-	-	7·8	7·8	2500	1009·9	0	W'N	3	c	58	55	8	8	-	-	9+	9+	4000	1	*	cr$_o$c	bcycy	b ⊕	bccm$_o$w
	Croydon ...	1010·5	-2	WSW	3	c	61	57	7	7	-	-	7·8	7·8	4000	1010·0	0	WSW	3	c	58	55	8	7	-	-	9+	9+	4000	1	*	om$_o$ddp$_o$c	cbcy	cybm$_o$w	bccwm$_o$
	S. Farnborough	1010·0	-2	W	4	bc	65	55	8	7	-	-	4·6	4·6	2500	1010·3	+4	W'N	3	c	57	65	8	4	1	-	7·8	9	4000	1	*	od$_o$bc	bcycy	cb	wbbc
	Winchester ...	1010·7	+2	W'S	4	c	59	55	8	2	-	-	7·8	7·8	4000	1010·7	+4	W	3	c	54	65	8	4	-	6	9	9+	4000	1	*	cr$_o$cbc	cyc	cbcb	bff
	Boscombe Down	1011·0	+4	W'S	4	c	56	75	8	5	-	-	9+	9+	2500	1010·5	0	W'N	3	c	54	65	7	5	7	-	7·8	7·8	4000	1	*	c	c	cbc	bwbcm$_o$
	Calshot, S'thmtn	1011·1	+2	SW'S	4	bc	57	75	8	8	-	-	4·6	4·6	4000	1010·8	-2	SSW	4	bc	54	75	7	8	-	8	4·6	4·6	4000	0	2	oi$_o$bc	bc	bcbw	bwbc
	Dungeness ...	*	*	S	3	c	*	*	6	5	5	*	4·6	7·8	1500	*	*	SW	3	bc	*	*	7	5	-	*	4·6	4·6	1500	*	3	d	bc	*	bc
	Lympne ...	1011·6	-4	SW	3	c	52	95	6	5	-	-	9+	9+	1500	1010·9	+2	SW'W	4	b	55	75	8	8	-	-	1	1	4000	1	*	idfd	om$_o$bcbv	bvcbcwm$_o$	cufw
2	Shoeburyness	1010·5	-2	SSW	3	c	57	85	7	8	3	-	7·8	9+	2500	1009·5	-2	S	1	c	57	75	6	8	-	-	9	9	4000	0	*	or$_o$c$_o$c	cbcz$_o$y	czobc	bbccmo
	Felixstowe ...	1010·9	-6	SE'S	4	o/d$_o$	51	95	6	6	-	-	10	10	800	1009·6	-10	SSE	3	c	52	95	7	5	-	-	7·8	7·8	4000	-	2	or$_o$ddd$_o$d$_o$m$_o$d$_o$d$_o$bc	bcb	bbcc	
	Gorleston ...	1010·3	-4	S'E	5	r$_o$r$_o$	50	95	5	6	-	-	10	10	800	1008·8	-6	SSE	4	bc	51	95	6	-	1	-	0	4·6	-	0	3	ej$_o$oi$_o$	or$_o$cm$_o$	bccb	bbcc
	Cranwell ...	1008·3	-2	WSW	3	c	60	65	7	8	-	-	7·8	7·8	4000	1007·8	0	SW	2	c	57	65	7	8	-	1	7·8	7·8	4000	1	*	ddd$_o$c	c	cbcb	bwmo
3	Birmingham ...	1009·1	+6	SW	3	bc	58	55	8	6	-	-	4·6	4·6	1500	1008·8	0	WSW	3	c	59	55	8	-	1	1	0	7·8	-	1	*	bc	bc	bcb	b
	Upper Heyford	1009·8	+2	W	4	c	59	65	8	8	-	-	7·8	7·8	2500	1010·1	+4	W	4	c	53	65	8	4	-	7	Tr	9+	4000	1	*	cbc	cbccy	cbc	bcf
4	Ross-on-Wye ...	1010·0	+4	WSW	4	c	56	65	8	8	-	-	7·8	7·8	4000	1009·9	0	SW	3	c	53	65	8	6	-	8	7·8	10	2500	0	*	bccbc	bcc	cb	bwmo
5	Portland Bill...	1011·6	+10	WSW	4	bc	52	95	7	4	4	-	2·3	4·6	2500	1010·9	-6	WSW	4	bc	50	95	7	4	-	-	4·6	4·6	2500	0	3	cbc	bc	bcb	bbc
	Plymouth ...	1012·6	+2	SW	5	c	53	75	8	5	-	-	9+	9+	2500	1012·0	-2	SW	5	c	51	85	7	8	3	-	7·8	7·8	2500	1	3	cpr$_o$	cbc	cr$_o$bc	bccpr$_o$
	The Lizard ...	1013·9	+4	W'S	3	bc	55	85	8	8	6	-	4·6	4·6	2500	1012·6	-2	SW'W	3	c	52	85	7	8	1	-	4·6	7·8	2500	1	3	cbc	bcc	cbcw	bccpr$_o$
	Scilly (St. Mary's)	1013·4	-2	W'S	4	bc	56	85	7	2	4	-	1	4·6	4000	1012·3	-4	W'S	4	c	52	95	7	2	4	6	2·3	7·8	4000	1	3	cbc	p$_o$bcc	cbc	cir$_o$
	Guernsey ...	1014·3	+6	SW	3	c	56	75	7	8	-	-	9	9	2500	1013·7	-4	W	3	bc	54	75	7	-	3	-	0	4·6	-	0	2	oc	cbcc	bw	bwbcc
6	Pembroke ...	1010·1	0	WSW	3	bc	52	85	7	1	4	1	2·3	4·6	5700	1008·6	-6	WSW	3	bc	50	85	7	5	7	-	2·3	4·6	4000	0	2	bbc	bccm$_o$bc	bbcb	bbccw
7	Holyhead ...	1008·0	-2	SSW	5	3$_o$	54	75	7	2	-	6	Tr	2·3	1500	1007·8	+2	SSW	3	c/pr$_o$	49	85	8	8	-	-	9	9	7200	1	1	bccbc	pr$_o$q	pr$_o$bc	bwbc
	Chester (Sealand)	1008·0	0	SW'S	4	c	58	55	9	8	-	-	7·8	7·8	4000	1007·7	-2	SW'S	3	c	55	65	8	5	3	9	4·6	7·8	2500	1	*	bccvy	cvy	bcb	bwmo
8	L'pool (Bidston)	1007·5	-2	W'W	2	c	55	65	8	8	-	-	7·8	7·8	2500	1007·3	0	W	4	bjp	53	65	8	3	-	-	4·6	4·6	2500	0	*	bccbc	obcc	bcbb	b
9	Harrogate ...	1007·5	0	SW	3	c	56	65	8	8	-	-	9+	9+	4000	1007·0	0	SW	2	c	53	65	7	-	7	6	0	7·8	-	1	*	bcc	bcc	cb	b
10	Spurn Head ...	1007·5	0	-	0	c/pr	58	75	6	5	7	-	4·6	7·8	1500	1007·1	-2	W'S	4	c	57	65	6	5	7	8	2·3	7·8	2500	0	3	rpr	c	c	cbc
	Catterick ...	1006·8	+4	SW	3	c	56	55	8	8	-	-	9	9	1500	1006·6	+2	SW	3	c	53	65	8	4	7	8	1	9	4000	1	*	bc	cybcc ⊕	cbcbw	bbcwm$_o$
	Tynemouth ...	1005·2	0	SW	3	bc	59	55	7	2	-	-	4·6	4·6	2500	1005·0	+4	WSW	3	bc	55	55	7	2	-	-	4·6	4·6	2500	0	1	bc	bc	bc	bcc
11	Inchkeith ...	1003·5	+4	WSW	3	c	53	65	8	8	-	-	9	9	2500	1003·4	0	SW	4	c	51	65	8	8	7	-	7·8	9	2500	0	3	cpr	cpr	cbc	cir$_o$
12	Leuchars ...	1003·4	+2	SSW	4	c/pr$_o$	57	65	8	8	6	-	7·8	7·8	1500	1003·5	+2	WSW	2	c/pr	51	75	8	8	-	-	9	9	1500	1	*	bccpr$_o$	cpr$_o$pr	cpr$_o$b	cpr$_o$bc
	Renfrew (Abbotts'l)	1002·9	-2	SSW	4	c	55	65	8	8	3	-	4·6	7·8	2500	1002·9	+2	SSW	3	c	51	75	8	9	7	-	7·8	9	2500	1	*	cir$_o$bc	bccqp	cr$_o$	r$_o$cmo
	Eskdalemuir ...	1004·3	+2	SSW	5	c	52	65	8	8	-	-	7·8	7·8	2500	1005·0	+4	SSW	4	r$_o$r$_o$	45	85	6	6	2	-	4·6	10	800	1	*	cpr$_o$bc	bccor$_o$r$_o$	cr$_o$r$_o$	cr$_o$r$_o$
13A	Tiree	999·4	+4	S'W	5	bc	53	75	8	2	7	3	1	2·3	2500	998·8	-2	S	5	bc	50	75	8	78	-	-	2·3	2·3	2500	0	3	cprbc	bc	bccrrR	c
13B	Stornoway ...	994·9	+6	SSW	6	c/pr	51	95	7	8	6	-	4·6	9+	1500	995·8	+12	SSW	5	bc	49	95	8	8	9	-	2·3	4·6	1500	1	3	cpr	cpr$_o$bc	bc	bccrr
15	Dalwhinnie ...	1001·6	+2	S	3	ir$_o$	49	75	8	4	4	-	7·8	10	2500	1001·9	+6	S	2	c	45	95	8	4	1	-	4·6	9	2500	1	*	ir	ir	ir	ir
	Aberdeen ...	1001·9	+6	S	4	c	57	65	7	8	-	-	7·8	7·8	4000	1002·4	+4	S'E	3	bc	52	75	8	2	3	1	1	2·3	4000	1	1	om$_o$bc	bcb	bcpr$_o$	bc
	Wick	999·0	+4	S	3	bc	52	85	8	8	4	8	4·6	4·6	2500	1000·3	+12	SSW	3	bc/pr	49	95	8	8	8	-	4·6	4·6	2500	1	2	cbc	bcpr	bc	bc
16	Lerwick ...	1000·8	0	SSE	5	o/r	45	95	4	5	-	-	10	10	450	1001·9	+8	S	2	c/f$_o$	45	95	4	5	-	-	9+	9+	<150	1	*	ff$_o$oicm	off$_o$ecm	cbcm$_o$	bcomo
17	Blacksod Point	1002·1	+2	SW	6	q	51	75	8	3	-	-	4·6	4·6	450	1001·1	-4	W	7	PR	50	85	8	3	-	-	9	9	220	1	4	p$_o$bcq	p$_o$cq	PRc	PRc
18	Malin Head ...	1000·5	+4	SW	4	pr	47	95	7	8	2	-	9	9+	1500	999·3	-8	SW	4	c/pr	48	95	8	8	1	-	9	9+	1500	1	1	cpr	cpr	cpr$_o$	cPR
	Aldergrove ...	1003·9	+8	WSW	5	pr	47	85	8	8	-	-	7·8	7·8	800	1002·4	0	SW'S	4	q	51	65	8	3	5	5	2·3	2·3	2500	1	*	bccpr	cvprK⊕b	cpren	c
	Donaghadee ...	1004·2	0	SW	2	bc/PR	53	75	8	5	3	-	4·6	4·6	1500	1003·3	-6	SW	2	PHR	49	85	8	5	3	-	4·6	4·6	1500	1	1	bcPR	bcPHR	pr$_o$bc	bc
19	Birr Castle ...	1005·3	0	SW	4	c/pr	53	65	8	3	-	8	7·8	9	2500	1005·3	+2	WSW	4	c	52	65	8	8	-	8	7·8	7·8	2500	1	*	cpr	prc	cbc	bcr
20	Valentia Obsy.	1008·1	+2	SW'W	5	bc	52	75	8	9	-	-	4·6	4·6	2500	1007·9	-2	SW'W	5	bc	52	75	8	3	-	-	2·3	2·3	2500	1	4	pr$_o$pcPRbc	bc	bccphrbc	cpr$_o$prbc
	Roches Point...	1008·2	-6	SW	4	c/pr	54	75	8	3	-	9	4·6	7·8	2500	1007·9	0	W	4	bc	54	65	8	3	-	-	4·6	4·6	2500	0	4	bcpc	cpbc	bcp$_o$bc	bcw

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

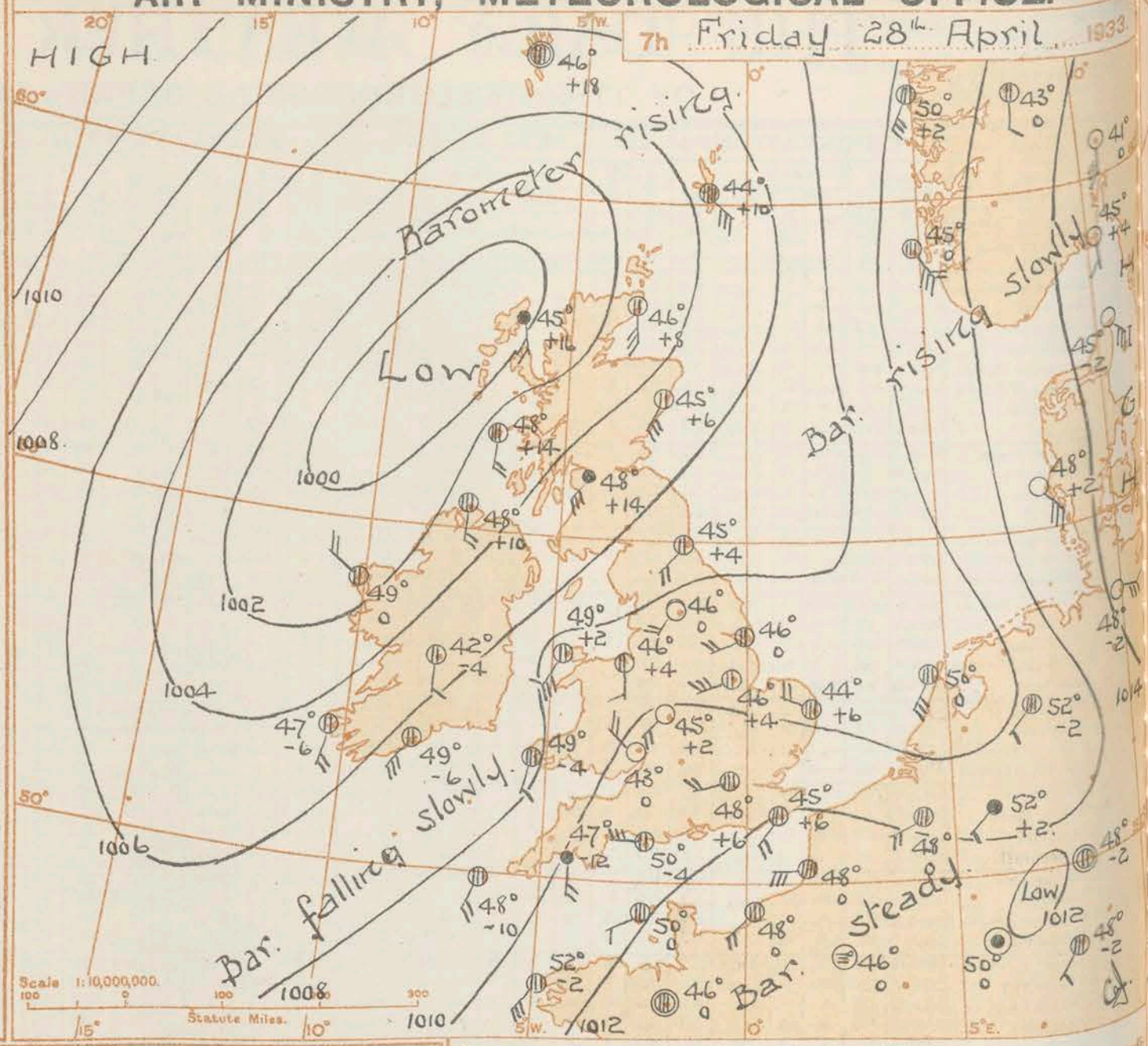
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 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 Thursday 27th April 1933.

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.	opoc	bc	48	62	1	Tr	4.0	5.4
	Bournemouth	bc	b	50	61	3	~	8.1	3.0
	Ventnor ...	rfcb	bz	49	57	4	~	9.1	1.1
	Southsea ...	bbc	bbc	50	62	2	~	8.0	5.3
	Bognor Regis	bc	bcb	50	60	1	~	7.3	4.2
	Littlehampton	cbc	bc	49	56	1	~	6.5	2.1
	Worthing ...	cbc	b	49	57	2	~	6.4	2.2
	Brighton ...	o	b	49	55	1	~	5.9	1.1
	Eastbourne†	ocbc	bcb	49	57	1	~	6.3	5.4
	Hastings† ...	odoc	bcb	48	57	0.5	0.3	5.2	4.4
	Folkestone ...	odm	ocbc	48	55	1	Tr	3.2	7.9
	Dover... ...	dod	ob	48	54	1	0.2	2.8	6.2
	Deal	do	cdb	48	59	Tr	Tr	3.7	10.3
	Ramsgate ...	c	cbcb	48	58	0.2	~	3.3	9.1
	Margate ...	cd	bc	47	61	0.3	~	2.8	6.7
2	Southend ...	od	cbcc	48	61	0.4	0.2	3.9	5.3
	Maldon ...	oir	cbcc	44	63	Tr	0.3	1.6	5.2
	Clacton-on-Sea	crpd	cbc	48	54	1	0.2	2.8	7.3
	Dovercourt ...	roc	rbc	47	57	1	1	2.9	7.3
	Lowestoft ...	oid	odzb	45	52	0.2	0.3	1.0	7.5
	Skegness ...	ombc	bccm	49	61	2	Tr	3.0	5.5
	Mablethorpe	oc	cr	48	64	1	Tr	3.8	5.3
	Cleethorpes ...	opc	cb	47	65	1	Tr	4.0	4.2
3	Leamington S.	bc	c	51	62	3	~	5.8	4.4
4	Cheltenham†	cbp	cbcc	49	60	1	Tr	7.2	4.6
5	Bath	bbc	cbcb	51	59	0.3	~	7.0	1.8
	Weymouth ...	bccb	bbc	49	59	4	~	6.7	3.1
	Jersey ...	rcbc	cbcf	50	57	6	~	2.7	4.2
	Torquay ...	rbcc	bcqp	49	59	3	~	5.2	2.6
	Penzance ...	bcb	cbc	48	58	9	~	6.0	2.5
	St. Ives ...	b	bccp	50	57	7	Tr	8.4	2.8
	Bude	rcbc	bcc	50	55	6	~	5.2	1.4
	Ilfracombe ...	ocbc	bc	49	57	5	~	4.0	1.9
6	Aberystwyth	cidc	cbcc	48	53	3	~	5.5	0.5
7	Llandudno ...	cbcb	bbccr	50	57	2	0.3	7.8	3.1
	Colwyn Bay...	bcc	bccr	50	60	~	1	6.4	5.4
	Rhyl								
8	Wallasey ...	cbc	bcc	49	61	4	~	5.0	2.8
	Southport‖ ...	bbc	bccc	48	58	5	~	6.6	4.7
	Blackpool ...	cbc	bcc	48	56	7	~	8.0	5.7
	Morecambe ...	bbcc	bcbbc	48	55	6	~	7.2	5.0
9	Ilkley	cbc	c	49	59	2	~	4.5	4.3
10	Berwick-on-T.	bc	cbcc	47	58	2	~	7.9	6.9
11	Dunbar ...	bc	bc	52	60	~	~	7.1	6.3
12	Troon... ...	roc	crcrc	47	52	2	2	3.4	1.8
	Douglas ...	cbbc	bcrb	45	54	3	2	4.6	2.4

† 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 April, 1933.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Light wind, backing south or southeast; bright intervals, local showers; mild.
5. S.W. England 6. South Wales	Light or moderate south to southeast or variable wind, cloudy, occasional rain; moderate temperature.
7. North Wales 8. N.W. England 9. N. Midlands	Light or moderate south to southeast or variable wind; cloudy, some showers, bright intervals; mild.
10. N.E England 11. S.E. Scotland	Light southwest to variable wind, perhaps easterly later; bright intervals, local showers; local coast fog later; mild today, cooler tomorrow.
12. S.W. Scotland & Isle of Man	As 6 - 9.
13. A. W Scotld. B. N.W. Scotland	Wind light, variable, then northeast, freshening; cloudy, rain at times; moderate temperature; perhaps colder later.
14. Mid-Scotland 15. N.E. Scotland	As 10 - 11.
16. Orkneys and Shetlands.	As 13B.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light variable wind, perhaps becoming easterly; showers with perhaps local thunder; brighter intervals; rather mild.

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. K Thunderstorm.
Sea Disturbance ~ Rough. ≈ High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is highest off Southeast Greenland and is also high over the Baltic. A depression off the Hebrides is quickly filling up, and pressure is likely to become lowest off our southwest coasts. Showers will occur in most districts, especially in the southwest, but there will be bright intervals especially in eastern districts.

FURTHER OUTLOOK.

Wind variable to easterly; rather unsettled especially in southwest districts; local fog near East Coast.

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

Forecasts issued at 1000 G.M.T.

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

Morning of
FRIDAY
April 28th
1933.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 28th APRIL 1933.

No. 26090

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

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	1011.0	-2	SWW	1	b	44	85	57	-	4	-	0	1	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8														
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1011.8	0	W	2	30	45	95	6	5	-	-	7-8	7-8	2500
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	1009.2	0	WS	3	b	47	95	7	-	-	-	0	0	-
	Cranwell ...	240														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1011.4	0	W	4	b	49	95	7	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	1011.9	-4	SWW	2	bc	49	95	8	7	-	-	2-3	2-3	4000
	Scilly (St. Mary's)	163	1011.2	-8	SWW	3	bc	49	95	7	5	-	-	4-6	4-6	4000
	Guernsey ...	175	1013.0	-8	SW	2	b	48	95	7	-	-	-	0	0	-
6	Pembroke ...	142	1009.3	0	WSW	2	b	48	85	8	7	-	-	1	1	7200
7	Holyhead ...	26	1007.9	0	SWW	4	b	47	85	7	5	-	-	Tr	Tr	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1007.8	+2	WSW	2	c	48	85	7	5	1	-	4-6	7-8	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	1005.4	+4	WSW	4/2	bc	47	75	7	2	-	-	4-6	4-6	2500
11	Inchkeith ...	190	1004.1	+2	S	2	bc	44	85	8	4	-	-	2-3	2-3	4000
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts L)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	997.3	+2	S	5	bc	47	95	8	8	-	-	2-3	2-3	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1001.7	+4	SSW	2	bc	44	95	8	5	1	-	4-6	4-6	2500
16	Lerwick ...	54	1003.5	+4	S	3	bc	45	95	6	5	-	-	4-6	4-6	1500
17	Blacksod Point	18	1002.4	+2	WNW	4	c	48	95	7	3	-	-	7-8	7-8	220
18	Malin Head ...	52	1001.0	+8	SW	2	b	46	95	8	3	-	-	1	1	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1007.0	-14	SW	4	bc	47	95	7	2	-	-	4-6	4-6	4000
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)...	1011.5	+6	W	2	c	49	85	5	-	8	6	0	7-8	-	1	*
	Croydon ...	1011.3	+6	WSW	2	c	48	85	6	4	3	5	4-6	7-8	5700	1	*
	S. Farnborough	1011.1	+2	SW	2	bc	47	95	7	-	4	6	0	4-6	-	1	*
	Winchester ...	1011.3	+8	SE	1	f	43	95	2	5	-	-	10	10	∠150	1	*
	Boscombe Down	1011.2	+4	-	0	b	44	95	6	-	4	1	0	1	-	1	*
	Calshot (S'thmtn)	1011.4	+8	-	0	bc	47	85	6	5	1	-	2-3	7-8	4000	1	0
	Dungeness ...	*	*	SWW	1	c	*	*	7	5	-	*	9	9	1500	*	1
	Lympne ...	1012.0	+6	SW	2	c	45	95	6	5	-	-	9+	9+	4000	1	*
2	Shoeburyness	1011.0	+4	W	3	c	49	75	6	5	3	-	7-8	9+	4000	0	*
	Felixstowe ...	1010.8	+2	W	1	c	48	85	7	5	3	-	4-6	7-8	7200	0	0
	Gorleston ...	1010.0	+6	WNW	2	c	44	85	6	-	8	-	0	7-8	-	0	2
	Cranwell ...	1009.8	+4	WSW	3	bc	46	85	6	1	3	8	1	2-3	4000	1	*
3	Birmingham ...	1010.1	+2	SW	2	b	45	85	7	-	-	-	0	0	-	1	*
	Upper Heyford	1011.0	+8	SW	2	f-	41	95	2	5	-	-	10	10	∠150	1	*
4	Ross-on-Wye ...	1010.4	+0	NW	2	b	43	95	6	8	-	-	1	1	4000	0	*
5	Portland Bill...	1011.3	-4	W	3	bc	50	95	7	4	-	-	4-6	4-6	2500	0	3
	Plymouth ...	1010.2	-10	S	4	c/pr	50	95	8	9	-	-	9+	9+	1500	1	3
	The Lizard ...	1009.4	-12	S	2	rr	47	95	7	9	-	-	10	10	1500	1	2
	Scilly (St. Mary's)	1008.9	-10	SSW	2	c/r	48	95	7	8	-	-	9	9	2500	1	2
	Guernsey ...	1012.6	+0	WSW	1	c	50	95	6	8	-	-	10	10	1500	0	2
6	Pembroke ...	1007.9	-4	SSW	1	c	49	95	7	5	4	1	4-6	7-8	4000	1	1
7	Holyhead ...	1008.2	+2	SSW	4	bc	49	85	6	5	-	9	4-6	4-6	800	1	1
	Chester (Sealand)	1008.7	+4	SSE	1	b3	46	85	5	5	-	-	Tr	Tr	5700	-	*
8	L'pool (Bidston)	1008.3	+0	SW'S	2	b	47	85	7	-	-	-	0	0	-	0	*
9	Harrogate ...	1008.2	+0	SSW	2	b	46	75	7	-	-	9	0	Tr	-	1	*
10	Spurn Head ...	1008.3	+0	W'S	2	bc	46	85	6	5	3	-	2-3	4-6	1500	0	1
	Catterick ...	1008.0	+6	SSE	2	bc	45	85	6	7	-	-	4-6	4-6	2500	0	*
	Tynemouth ...	1006.5	+4	SW	2	bc	45	85	6	4	-	-	7-8	7-8	4000	0	1
11	Inchkeith ...	1005.2	+16	SW	3	c	47	85	7	5	7	-	4-6	7-8	2500	0	2
	Leuchars ...	1005.0	+16	SW	3	c/pr	48	95	7	8	-	1	7-8	7-8	1500	1	*
12	Renfrew (Abbotts L)	1004.7	+14	SW	3	r/o	48	95	6	9	7	-	7-8	9+	800	1	*
	Eskdalemuir ...	1005.7	+10	SW'S	4	r/o	45	95	6	5	-	-	10	10	800	1/2	*
13A	Tiree	1002.4	+14	SW	2	c	48	85	8	8	3	1	Tr	89	2500	1	3
13B	Stornoway ...	999.5	+16	SSE	2	rr	45	95	7	9	2	-	7-8	10	1500	1	1
15	Dalwhinnie ...	1004.9	+18	S	2	c	44	85	8	4	1	-	4-6	7-8	2500	1	*
	Aberdeen ...	1004.1	+6	SSW	3	bc	45	95	8	7	3	-	4-6	4-6	2500	1	1
	Wick	1002.4	+8	S	3	bc	46	95	8	5	4	8	4-6	4-6	2500	0	2
16	Lerwick ...	1004.5	+10	SE	3	o	44	95	6	5	-	-	10	10	800	0	*
17	Blacksod Point	1001.8	-0	WNW	2	bc	49	85	8	3	-	-	7-8	7-8	450	1	3
18	Malin Head ...	1002.7	+10	S	2	c	48	95	7	8	7	-	7-8	9+	1500	1	1
	Aldergrove ...	1005.2	+8	SSW	3	c	45	95	7	5	-	-	10	10	800	1	*
	Donaghadee ...	1006.8	+8	SW	2	bc	47	85	8	5	3	-	4-6	4-6	1500	0	1
19	Birr Castle ...	1005.5	-4	S	1	bc	42	95	8	-	4	-	0	2-3	2500	1	*
20	Valentia Obsy.†	1005.2	-6	SW	2	bc/pr	47	85	8	8	-	1	4-6	4-6	1500	1	3
	Roches Point...	1006.6	-6	SW	3	bc	49	85	8	3	-	-	4-6	4-6	2500	0	3

PAST 24 HOURS.

Distrct.	Stations.	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 27th Hrs. (36)
1	London (Kew)...	63	44	35	0.1	Tr	5.0
	Croydon ...	63	43	40	-	Tr	4.2
	S. Farnborough	65	41	33	0.1	Tr	5.7
	Winchester ...	61	39	33	0.1	-	6.5
	Boscombe Down	58	40	35	-	Tr	7.4
	Calshot (S'thmtn)	60	44	41	-	-	*
	Dungeness ...	52	43	*	0.6	-	*
	Lympne ...	59	42	39	0.2	Tr	4.5
2	Shoeburyness	63	43	40	0.2	-	3.7
	Felixstowe ...	54	45	40	0.5	-	3.0
	Gorleston ...	54	42	38	0.2	-	1.7
	Cranwell ...	63	41	39	0.3	-	5.0
3	Birmingham ...	61	39	36	-	-	7.7
	Upper Heyford	62	37	27	-	0.1	*
4	Ross-on-Wye ...	59	39	29	-	-	6.6
5	Portland Bill...	52	48	*	-	-	*
	Plymouth ...	55	43	39	Tr	0.2	4.2
	The Lizard ...	56	47	*	-	2	2.2
	Scilly (St. Mary's)	56	48	*	0.1	0.6	6.8
	Guernsey ...	57	47	*	-	-	4.4
6	Pembroke ...	53	47	*	-	-	8.2
7	Holyhead ...	55	45	41	Tr	Tr	6.7
	Chester (Sealand)	62	38	30	-	-	6.6
8	L'pool (Bidston)	57	43	41	-	-	5.0
9	Harrogate ...	58	39	31	-	-	5.2
10	Spurn Head ...	61	43	*	1	-	4.2
	Catterick ...	58	36	33	-	-	*
	Tynemouth ...	60	43	37	-	-	*
11	Inchkeith ...	55	43	39	1	Tr	4.0
	Leuchars ...	58	40	30	1	Tr	5.5
12	Renfrew (Abbotts L)	56	45	42	0.2	0.3	3.4
	Eskdalemuir ...	54	42	41	1	2	2.3
13A	Tiree	58	46	43	0.4	4	8.2
13B	Stornoway ...	53	44	*	0.2	5	6.4
15	Dalwhinnie ...	51	39	35	1	1	2.7
	Aberdeen ...	59	42	36	-	0.1	9.5
	Wick	53	41	*	0.4	-	*
16	Lerwick ...	46	43	*	3	Tr	0.0
17	Blacksod Point	52	46	*	5	10	3.6
18	Malin Head ...	54	44	*	2	5	7.3
	Aldergrove ...	56	44	42	1	3	*
	Donaghadee ...	58	43	*	8	0.4	*
19	Birr Castle ...	65	38	29	0.5	-	8.2
20	Valentia Obsy.†	53	44	39	3	1	8.2
	Roches Point...	55	45	*	1	0.1	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations, except Greenwich & Hampstead rainfall, 9h-18h.

	Height above M.S.L. in feet.	Weather Morning.	Weather Afternoon.	Weather Night.	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. %	Humidity 21h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	cr.c	bcycy	b@bccc	63	34	35	0.1	Tr	5.0	*	*	8
Croydon	217	omddpc	cbcy	cybmcw	63	43	40	-	Tr	4.2	*	*	6
Greenwich (Royal Observatory) ...	149	c	cy	cbwc	67	41	33	-	-	3.2	67	41	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	4.1	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	64	45	39	-		4.2	51	68	*
‡ Regents Pk. (Botanic Gardens) ...	168	*	*	*	63	45	41	-		3.8	51	65	*
Camden Square	110	cdc	cbcc	*	64	46	40	Tr	-	*	*	70	*
Kensington	80	bc	cobc	*	64	44	38	-	-	At 18h. 3.8	55	70	*
Hampstead Observatory	450	ac	bcbc	*	63	43	30	Tr	-	4.8	*	72	*

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 27th APRIL Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 28th APRIL Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1012.7	NW	3	c/pr	55	1013.7	-	0	c3	48	59	45	1	0.3
Brussels	1011.8	SW	1	c	57	1011.5	SW	2	c	48	66	45	Tr	0.4
Berlin	1015.3	E	2	b.	57	1015.8	E'N	2	bc	46	63	39	-	-
Zürich	1015.0	SSE	1	c/pr	48	1014.2	SSE	1	r/o	46	61	45	0.3	6
Rome	1013.1	WSW	1	c	57	1015.7	-	0	f-	45	64	45	0.2	1

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	18-19 27th	Nil	0.6 28th

Kew Observatory. Max.	Time.	Min.	Time.
0.2	21h 27th	0.1	13h 27th

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 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.

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

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 29th April 1933.

No. 26091.

District	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 28th April: Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	1010·1	-10	SW	3	c	58	45	8	7	3	-	4·6	7·8	4000
	Croydon	1010·3	- 8	W	3	bc	57	55	8	2	-	-	4·6	4·6	4000
	S. Farnborough	1009·9	- 8	SW'S	3	c/pr$_o$	56	55	8	8	3	-	7·8	9+	4000
	Winchester	1009·7	-10	SSW	3	c/pr$_o$	53	75	8	8	2	-	7·8	10	2500
	Boscombe Down	1009·7	- 6	S'W	4	pr	53	75	7	5	2	-	9+	10	2500
	Calshot, S'thmtn	1010·5	- 6	SSW	4	c	55	75	7	8	7	-	4·6	9+	2500
	Dungeness	*	*	SW	2	c	*	*	7	5	6	*	4·6	7·8	1500
	Lympne	1011·0	- 4	SW'S	4	c	54	75	7	8	7	8	2·3	9	2500
2	Shoeburyness	1010·4	- 6	S	2	bc	57	65	6	8	1	1	4·6	4·6	4000
	Felixstowe	1010·5	- 2	SE'S	3	bc	54	85	8	1	-	1	4·6	4·6	2500
	Gorleston	1009·2	- 6	SE'S	4	c	52	85	6	8	-	-	7·8	7·8	2500
	Cranwell	1008·6	- 8	SW	2	c	59	55	8	7	-	-	7·8	7·8	2500
3	Birmingham	1008·4	- 4	SW	3	c	55	55	8	6	-	-	7·8	7·8	2500
	Upper Heyford	1009·4	-10	SSW	3	c	56	55	8	5	8	-	7·8	9+	4000
4	Ross-on-Wye	1008·8	- 6	S	4	c/p	54	65	8	6	1	-	7·8	10	4000
5	Portland Bill	1009·9	-10	SSW	3	id$_o$	50	95	7	5	-	-	10	10	1500
	Plymouth	1008·8	- 6	SW	4	ir$_o$	50	95	7	9	2	-	7·8	10	800
	The Lizard	1008·5	- 2	S	3	c/pr	49	95	8	8	-	-	10	10	2500
	Scilly (St. Mary's)	1008·2	- 2	SSW	4	c/r$_o$	51	95	7	8	-	-	10	10	2500
	Guernsey	1011·3	- 8	S	3	bc	57	75	7	8	3	-	4·6	4·6	2500
6	Pembroke	1006·2	- 8	S	2	c	52	85	7	5	7	-	4·6	7·8	4000
7	Holyhead	1008·1	- 2	SSW	3	bc	54	75	7	2	-	1	1	4·6	1500
	Chester (Sealand)	1007·7	- 4	N'E	1	c	56	55	8	8	-	5	7·8	9	4000
8	L'pool (Bidston)	1008·3	- 4	NNW	2	bc	52	65	8	1	-	9	2·3	2·3	4000
9	Harrogate	1007·6	- 6	SW	1	c	53	65	7	3	-	-	9+	9+	4000
10	Spurn Head	1008·4	0	SE	3	bc	55	85	7	3	3	-	2·3	4·6	4000
	Catterick	1006·9	- 6	WSW	2	bc	59	45	7	2	-	-	4·6	4·6	4000
	Tynemouth	1007·5	+4	-	0	c/pr	51	75	6	6	-	-	7·8	7·8	1500
11	Inchkeith	1006·4	+ 6	SW	3	pr	49	85	8	9	-	-	9+	9+	2500
12	Leuchars	1006·0	+ 2	S	3	c/pr	56	75	7	8	6	-	4·6	7·8	1500
	Renfrew (Abbotts L)	1005·9	+ 4	SSW	3	bc	56	65	8	8	-	1	4·6	4·6	4000
	Eskdalemuir	1006·9	+ 4	SSW	4	p$_o$	48	75	8	8	-	-	9	9	2500
13A	Tiree	1005·0	+12	S'W	2	c	52	85	8	8	7	8	7·8	9+	1500
13B	Stornoway	1002·3	+16	NE	1	c/PR	49	95	8	9	7	-	7·8	10	1500
15	Dalwhinnie	1005·2	+ 2	S	2	c	49	85	8	4	4	-	4·6	9	2500
	Aberdeen	1005·0	+ 2	S	3	c/p$_o$	55	65	8	8	3	3	4·6	7·8	4000
	Wick	1004·2	-14	S	3	p$_o$	51	85	8	8	1	-	4·6	4·6	2500
16	Lerwick	1006·8	+12	SSE	2	o	43	95	6	5	-	-	10	10	800
17	Blacksod Point	1003·3	+ 6	S	4	bc	53	75	9	3	-	-	4·6	4·6	450
18	Malin Head	1004·7	+ 6	NE	1	ir$_o$	51	95	7	3	4	-	9	9+	1500
	Aldergrove	1005·4	- 2	SSW	3	c	55	55	9	8	-	1	7·8	7·8	2500
	Donaghadee	1006·1	0	SW	2	bc	56	95	8	8	-	-	2·3	2·3	1500
19	Birr Castle	1004·4	- 8	S	2	c/prh	55	75	8	9	-	-	9	9	2500
20	Valentia Obsy.	1004·1	- 4	SSW	3	c/jp	53	75	8	9	-	1	4·6	7·8	1500
	Roches Point	1005·8	- 6	SW	3	bc	54	75	8	3	-	-	4·6	4·6	2500

District	Stations. (For heights see p. 4.)	OBSERVATIONS at 18h. G.M.T. 28th April: 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)	1009·3	-2	SW	3	c	55	75	7	5	7	-	7·8	9	4000	1	*
	Croydon	1009·4	-2	SSW	3	c	53	55	8	7	3	-	7·8	9	4000	1	*
	S. Farnborough	1009·0	-6	SW	3	ir$_o$	53	65	7	8	7	-	7·8	9	4000	1	*
	Winchester	1009·0	-4	SSW	1	rr	50	95	7	6	-	-	10	10	1500	1	*
	Boscombe Down	1008·6	-6	S	3	ir$_o$	49	95	6	8	2	-	7·8	9+	800	1	*
	Calshot, S'thmtn	1009·2	-6	S	2	c	52	85	7	8	9	-	2·3	7·8	1500	0	1
	Dungeness	*	*	SW	2	c	*	*	7	5	-	*	~~7·8~~ 3	~~7·8~~ 3	1500	*	~~2~~ 3
	Lympne	1010·4	-2	SW	2	b	52	75	8	-	3	-	0	Tr	-	0	*
2	Shoeburyness	1009·1	-4	SW'W	2	c	55	65	8	8	7	-	4·6	9	4000	0	*
	Felixstowe	1009·0	-10	S'E	2	bc	51	95	8	7	-	-	4·6	4·6	4000	0	1
	Gorleston	1008·3	-2	S'E	3	bc	53	65	6	5	-	-	4·6	4·6	2500	0	2
	Cranwell	1007·4	-8	SSW	2	c	56	55	8	4	-	-	7·8	7·8	4000	0	*
3	Birmingham	1007·9	-2	SSE	2	c/pr$_o$	49	85	7	6	2	-	7·8	9+	2500	1	*
	Upper Heyford	1008·7	-6	S'W	3	c/r$_o$	50	85	7	5	1	-	7·8	10	1500	1	*
4	Ross-on-Wye	1007·6	-10	S	2	ir$_o$	48	95	7	6	2	-	7·8	10	2500	1	*
5	Portland Bill	1008·6	-8	SSW	3	c	50	95	7	4	4	-	7·8	10	1500	1	3
	Plymouth	1007·9	-8	SSW	4	ir$_o$	49	95	7	8	7	-	7·8	9+	800	1	2
	The Lizard	1007·1	-8	S	2	c	48	95	8	9	4	-	9	10	2500	1	2
	Scilly (St. Mary's)	1006·9	-6	SW	3	c	51	95	8	8	4	9	2·3	7·8	2500	1	2
	Guernsey	1009·2	-10	-	0	c	55	75	7	8	-	-	7·8	7·8	4000	0	2
6	Pembroke	1006·0	-14	SSE	1	c	51	85	8	7	5	-	4·6	7·8	5700	0	1
7	Holyhead	1007·3	-6	-	0	c	54	65	7	3	3	1	4·6	7·8	2500	0	0
	Chester (Sealand)	1006·9	-4	SE'S	2	c	53	75	7	5	3	-	7·8	9+	2500	1	*
8	L'pool (Bidston)	1006·6	-2	WNW	2	c	50	75	8	6	7	6	1	9+	2500	1	*
9	Harrogate	1007·0	-6	S	1	c	50	75	5	3	8	-	7·8	9	800	1	*
10	Spurn Head	1006·9	-4	SSE	4	c	51	85	7	5	7	8	4·6	7·8	2500	0	2
	Catterick	1006·3	-2	-	0	bc	55	55	7	4	6	2	Tr	4·6	4000	0	*
	Tynemouth	1006·6	-4	SE	2	bc	49	75	8	4	-	-	4·6	4·6	4000	1	1
11	Inchkeith	1006·1	-4	SW	1	c	51	65	8	8	3	-	7·8	7·8	2500	0	1
12	Leuchars	1006·2	+2	SSE	3A	c/p$_o$	52	75	7	9	7	6A	7·8	9+	800	0	*
	Renfrew (Abbotts L)	1005·7	0	SW	3	bc	55	55	8	1	-	2	1	4·6	5700	0	*
	Eskdalemuir	1006·1	-2	SW	3	bc	52	55	9	8	-	1	1	2·3	4000	1	*
13A	Tiree	1005·4	+4	-	0	bc	53	75	8	8	3	8	2·3	4·6	2500	0	3
13B	Stornoway	1003·6	+4	-	0	pr	49	95	8	9	7	-	7·8	9	1500	1	0
15	Dalwhinnie	1005·9	+2	S	2	ir	46	95	8	4	4	-	7·8	10	2500	1	*
	Aberdeen	1005·9	+4	WNW	3	c	50	85	7	8	-	3	7·8	9	4000	1	1
	Wick	1005·2	-4	SSW	2	c	48	95	8	8	4	-	4·6	7·8	1500	1	2
16	Lerwick	1006·7	-4	SE	2	c	45	95	6	5	-	-	9+	9+	800	0	*
17	Blacksod Point	1003·9	+4	N	3	bc	52	75	9	3	8	-	4·6	4·6	450	0	3
18	Malin Head	1004·8	+2	E	1	c	49	95	8	8	7	-	7·8	9+	1500	1	1
	Aldergrove	1005·0	-2	ESE	3	bc	54	65	8	8	-	2	4·6	4·6	2500	1	*
	Donaghadee	1005·7	-2	SSW	2	bc	50	85	8	5	-	2	2·3	4·6	1500	0	2
19	Birr Castle	1003·9	0	S	1	c	54	65	8	8	-	8	7·8	7·8	2500	1	*
20	Valentia Obsy.	1003·7	0	S	2	bc	51	75	8	8	-	1	2·3	2·3	2500	1	3
	Roches Point	1004·7	-6	SW	3	bc	53	85	8	3	-	9	2·3	4·6	2500	0	3

PAST 24 HOURS.

Stations. (For heights see p. 4.)	Weather. 7h.–13h. 28th (37)	Weather. 13h.–18h. 28th (38)	Weather. 18h. 28th–1h. 29th (39)	Weather. 1h.–7h. 29th (40)
London (Kew)	bcy	cr$_o$c	cir$_o$	cmo pr$_o$
Croydon	cm$_o$bcy	bccy	cm$_o$bcc	bccpr$_o$
S. Farnborough	bcvcp$_o$	ccyc	cr$_o$c	cm$_o$
Winchester	fbccpr$_o$	corr	orcc	cododo
Boscombe Down	bcc	cr$_o$rr	coir m$_o$	corr m$_o$
Calshot, S'thmtn	bcc	c	cir$_o$	c
Dungeness	c	bc	*	o
Lympne	cpr$_o$c	cbv	bbcm$_o$f	bc$_o$fwcm$_o$
Shoeburyness	cbcm$_o$	bcc	cbcbw	bbccw
Felixstowe	cbc	bc	bc	bc
Gorleston	cbc	cbc	bc	bc$_2$o
Cranwell	bm$_o$bcy	bcy	cr$_o$r$_o$	c
Birmingham	bbc	cp$_o$	c	corr
Upper Heyford	fbccy	cpr$_o$	cr$_o$r	bccrr
Ross-on-Wye	bcc	cr$_o$cor	cir$_o$	oRc
Portland Bill	bcoid$_o$	oid$_o$c	oidrr	orrc
Plymouth	crr$_o$c	crrir$_o$	cr$_o$rr	crbcif
The Lizard	rprc	crrc	cprbc	bcw
Scilly (St. Mary's)	cp$_o$r$_o$	cp$_o$	cbcbw	bccbc
Guernsey	ocbc	bcc	cir$_o$	bcoir
Pembroke	cbcc	cpr$_o$bcc	c	cPRbcw
Holyhead	bc	bc	bcbw	bwmobc
Chester (Sealand)	bcjpy	cupr	cbc	bcc
L'pool (Bidston)	bccp$_o$b	bprcc	cbb	bbcwb
Harrogate	bbcc	cbp	c	cm
Spurn Head	bc	bcc	cpr	pr$_o$c
Catterick	bcm$_o$cy	bcy	bcjc	cpr$_o$c
Tynemouth	bccp	cp$_o$bc	bcoir$_o$	oir$_o$m$_o$
Inchkeith	cpr	cpr	cbcb	bcc
Leuchars	bccpr	bccpr$_o$	bbcbw	bbccw
Renfrew (Abbotts L)	ir$_o$cbc	bccy	bcjcbc	bcbm$_o$
Eskdalemuir	cr$_o$pr$_o$	cpr$_o$bcy	bc	bc
Tiree	cpr	bc	bccw$_o$	cpr
Stornoway	cPR	cirpr	c	c
Dalwhinnie	ir	ir	ir	ir
Aberdeen	bcpr$_o$	bcctlRH	cprb	bcm$_o$
Wick	bcpr$_o$	bcpr$_o$c	cpr$_o$c	cpr$_o$
Lerwick	om$_o$	ocm$_o$	cff-odd m$_o$ od$_o$d$_o$	
Blacksod Point	PRc	cbc	bc	cbc
Malin Head	c	cpr$_o$	c	c
Aldergrove	cpr$_o$v	cPHR	cxb	bm$_o$fx
Donaghadee	bc	bc	bbcc	cw
Birr Castle	bccprh	pr$_o$c	cprc	c
Valentia Obsy.	bcpr$_o$bcc	cpr$_o$bc	bcw	bcwc
Roches Point	bcpbc	bc	bcw	bcoffe

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: thns.
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.

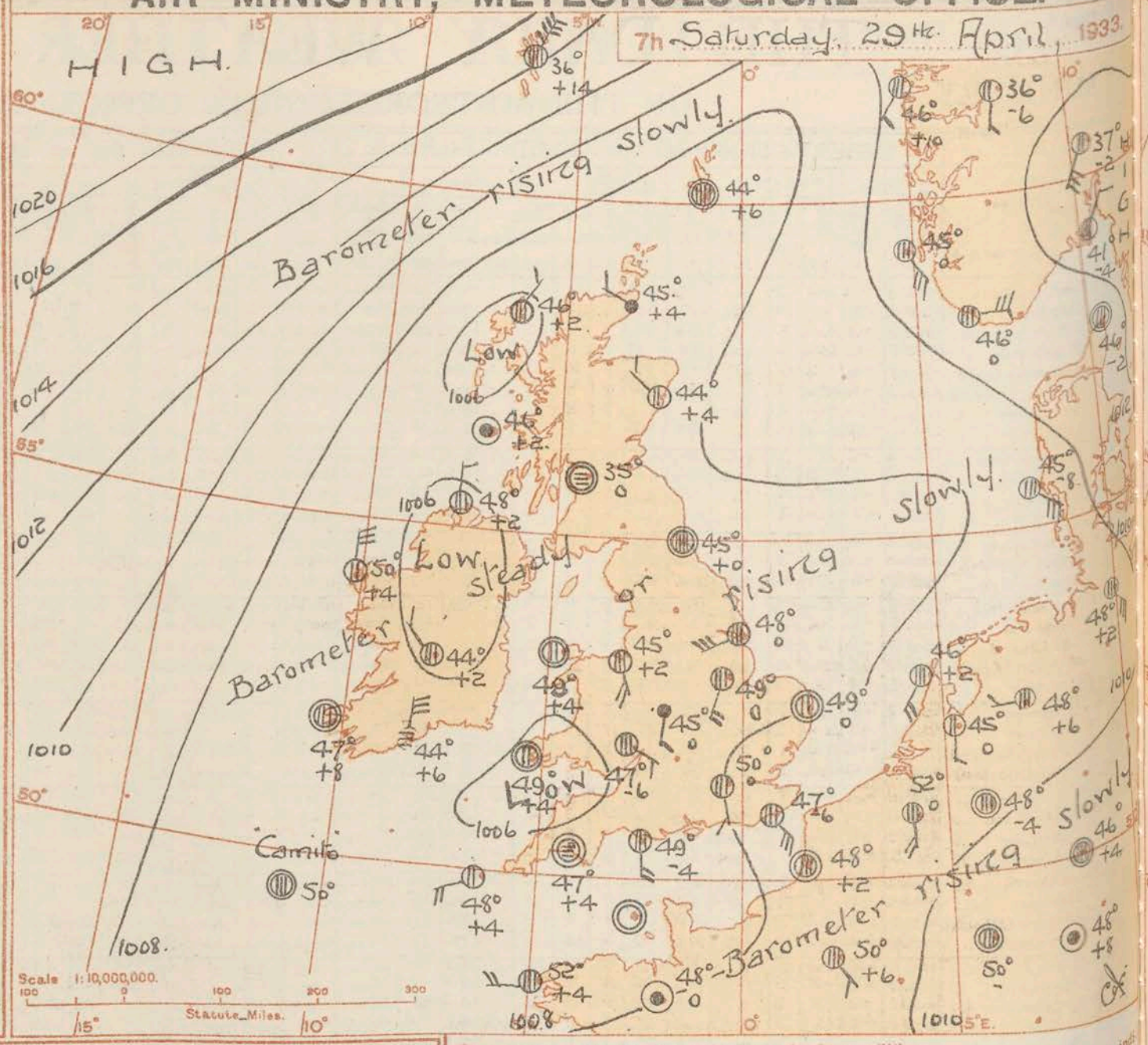
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 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 Friday 28th April 1933.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 27h. 9h. to 28h. 9h.	Temperature. Max. 9h.—17h. 28h.	Rainfall. Night. 17h. 27h. to 9h. 28h.	Rainfall. Day. 9h.—17h. 28h.	Sunshine. Sunrise to 17h. 28h.	Sunshine. Sunrise to Sunset. 27h.
1	Tunbridge W.	bc	bc	41	60	-	-	7·6	4·7
	Bournemouth	cbc	o	45	58	-	-	3·2	8·9
	Ventnor ...	cbc3	c3	46	56	-	-	4·7	10·0
	Southsea ...	b	cbc	47	59	-	-	4·4	8·9
	Bognor Regis	bcb	bbc	47	60	-	-	6·8	8·2
	Littlehampton	bc	bc	45	54	-	-	6·1	7·3
	Worthing ...	cbc	bcc	47	55	-	-	6·2	7·3
	Brighton ...	bc	bcc	48	55	-	-	7·7	7·1
	Eastbourne†	cbc	b	48	57	-	-	8·2	7·4
	Hastings† ...	cbc	bcb	48	56	-	-	8·2	6·2
	Folkestone ...	cbc	bcb	44	55	-	-	5·2	3·6
	Dover... ...	c	cbc	47	55	-	-	6·1	3·7
	Deal	cbc	b	46	59	-	-	5·5	5·1
	Ramsgate ...	bc	cbc	47	56	-	-	3·2	3·9
	Margate ...	bc	cbc	46	58	-	-	3·2	3·5
2	Southend ...	bcc3	bcbbc	45	59	-	-	6·9	4·0
	Maldon ...	cb	bbcc	43	61	-	-	7·9	2·0
	Clacton-on-Sea	bccbc	bc	43	55	-	-	8·6	2·9
	Dovercourt ...	bc	bc	44	56	-	-	8·0	2·9
	Lowestoft ...	bbc	bc	40	60	-	-	10·4	2·0
	Skegness ...	b	b	39	57	-	-	11·0	3·3
	Mablethorpe	bc	bc	38	60	-	-	10·4	3·8
	Cleethorpes...	b	b	41	61	-	-	9·5	4·1
3	Leamington S.	cbc	co	41	59	-	-	6·0	5·8
4	Cheltenham†	bcwc	copcm	41	56	-	0·5	5·3	7·2
5	Bath	bbccr	rcir	40	58	-	1	4·0	7·2
	Weymouth ...	bccr	rrc	45	53	-	7	1·5	6·7
	Jersey ...	bc	bcc	48	59	-	-	7·0	3·7
	Torquay ...	rpor	Rpcirc	42	55	1	9	1·3	5·3
	Penzance ...	pcbp	cr	45	52	0·5	2	0·5	6·0
	St. Ives ...	cp	cp	47	54	2	1	0·3	8·4
	Bude	bccp	cp	41	54	4	3	0·7	5·2
	Ilfracombe ...	cbc	cod	44	56	-	0·5	2·7	4·0
6	Aberystwyth	bc	bbcpc	45	53	-	1	6·4	7·3
7	Llandudno ...	cd,bc	cip,c	43	57	-	0·1	5·5	8·3
	Colwyn Bay...	brbcc	bcpbc	42	58	0·5	0·3	7·5	6·6
	Rhyl								
8	Wallasey ...	bbcp	bbcp	50	62	-	1	9·1	5·6
	Southport‖ ..	bbc	bbccoltr	41	57	0·2	0·5	8·8	6·8
	Blackpool ...	bc	bcc	42	56	-	-	9·9	8·3
	Morecambe ...	b	b	41	55	-	-	9·8	7·3
9	Ilkley... ...	b	b	36	60	0·5	-	7·2	4·5
10	Berwick-on-T.	c	cbc	42	58	-	-	3·5	8·6
11	Dumbar ...	bcp	bcp	44	56	-	2	2·9	7·2
12	Troon... ...	rcoro	cbc	45	53	2	0·3	6·3	4·6
	Douglas ...	cbbc	bccb	43	53	-	-	9·4	6·2

† 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. 29th April, 1933.
1. S.E. England 2. E. England... 3. E. Midlands	Light southerly or variable wind; showers or occasional rain, perhaps local thunder; some bright intervals; moderate temperature.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Light variable to northerly wind; bright intervals; showers, perhaps local thunder; moderate temperature.
9. N Midlands 10. N.E. England 11. S.E. Scotland	Light variable wind; occasional rain, perhaps local thunder; local mist; moderate temperature.
12. S.W. Scotland & Isle of Man	As 4 - 8.
13. A. W Scotld. B. N.W. Scotland.	Light variable to moderate or fresh northerly wind; cloudy, bright intervals; showers or occasional rain; becoming cooler.
14. Mid-Scotland 15. N.E. Scotland	Light variable to moderate northeast wind; cloudy; showers or occasional rain; local mist; becoming cooler.
16. Orkneys and Shetlands.	As 12 - 13.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light to moderate or fresh northerly wind; bright intervals; showers; moderate or rather low temperature.

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

Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ Temperature is given in degrees F.
Weather Symbols :— ◯ Clear sky. ◔ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◕ Sky 6/10 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. K Thunderstorm.
Sea Disturbance. ~~ Rough. ≈≈ High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is highest to east and south of Greenland. A shallow low pressure area covering the British Isles and France will drift slowly east or south. Weather will be mainly quiet and rather unsettled, with showers or occasional rain and possibly local thunder, but also some bright intervals. Conditions will become cooler in the North.

FURTHER OUTLOOK.

Continuing rather unsettled; cooler, especially in the North.

Forecasts issued at 0945 G.M.T.

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

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

Morning of
SATURDAY
April 29th
1933.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 29th APRIL 1933.

No. 26091

OBSERVATIONS at 1 hr. G.M.T. 29th April

Dist.	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.	°F. Temp.	% Humid.	0-9 Visibility	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	1009·1	-6	SSE	2	c	46	95	6	-	3	-	0	9	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8														
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1010·0	-6	SSE	2	bcf	44	95	3	-	-	2	0	4-6	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	1008·7	-6	-	0	bc	49	95	7	-	1	-	0	4-6	-
	Cranwell ...	240														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1006·9	-12	S	2	rr	49	95	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	1006·6	-2	S	1	bc	48	95	8	5	-	-	4-6	4-6	2500
	Scilly (St. Mary's)	163	1006·7	-2	SW'S	2	b	47	95	8	2	-	-	1	1	4000
	Guernsey ...	175	1008·1	-8	-	0	bc	49	95	8	8	-	-	4-6	4-6	2500
6	Pembroke ...	142	1005·5	0	SSW	2	c	48	95	7	5	-	-	9+	9+	2500
7	Holyhead ...	26	1007·3	0	-	0	bc	46	95	6	5	-	-	2-3	2-3	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1007·4	+2	SSW	3	pr$_o$	48	95	7	3	2	-	4-6	9+	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	1006·9	0	SW	2	o/r	45	95	5	6	-	-	10	10	1500
11	Inchkeith ...	190	1007·4	+4	SW	1	bc	45	85	7	5	-	4	2-3	4-6	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts L)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1004·7	0	-	0	c	45	95	8	8	7	-	4-6	9+	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1006·3	0	WNW	2	c	44	95	8	8	7	8	7-8	9	2500
16	Lerwick ...	54	1007·2	-2	SE	2	d$_o$d$_o$	43	95	6	5	-	-	10	10	800
17	Blacksod Point	18	1004·7	+2	N	3	bc	49	85	7	3	-	-	4-6	4-6	800
18	Malin Head ...	52	1005·9	-4	E'S	1	c	47	95	8	4	-	-	9	9	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1005·4	+6	-	0	b	46	85	8	-	-	-	0	0	-
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 29th April

Dist.	Stations.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force. 0-12	Weather.	°F. Temp.	% Humid.	0-9 Visibility	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)...	1007·6	-4	-	0	bc/pr	48	85	5	5	3	9	4·6	4·6	2500	0	*
	Croydon ...	1008·4	+0	S'E	1	c/pr	50	75	6	5	7	1	4·6	9	5700	1	*
	S. Farnborough	1007·2	-2	SSE	2	r$_o$	49	85	6	5	7	-	7·8	9	5700	1	*
	Winchester ...	1006·7	-2	SSE	3	c	48	95	7	5	2	-	7·8	9+	2500	1	*
	Boscombe Down	1006·8	-0	SSE	2	r r	47	95	6	6	-	-	10	10	220	1	*
	Calshot, (S'thmtn)	1007·0	+0	ESE	3	c	50	95	8	5	4	1	4·6	7·8	2500	0	1
	Dungeness ...	*	*	E	1	c	*	*	7	5	-	*	9	9	1500	*	1
	Lympne ...	1008·6	-6	SE'E	3	c	47	85	6	5	-	-	9	9	7200	1	*
2	Shoeburyness	1007·9	-2	SE	3	c	49	85	7	5	5	1	4·6	9+	4000	0	*
	Felixstowe ...	1008·8	-0	-	0	c	50	85	7	-	5	9	0	7·8	-	0	0
	Gorleston ...	1007·8	+0	W	0	bc	49	85	6	-	1	-	0	4·6	-	0	0
	Cranwell ...	1007·3	+0	SSE	2	c	49	95	6	5	-	-	9	9	800	1	*
3	Birmingham ...	1007·2	+0	S	1	r$_o$r$_o$	45	95	5	6	2	-	7·8	10	1600	1	*
	Upper Heyford	1006·5	-6	E	1	r$_o$r$_o$	46	95	5	6	2	-	9	10	1500	1	*
4	Ross-on-Wye ...	1006·7	-6	E'S	1	c	47	95	6	5	7	-	9	9+	4000	1	*
5	Portland Bill...	1006·9	-4	S	2	c	49	95	7	8	-	-	10	10	1500	1	3
	Plymouth ...	1006·1	+4	-	0	c/f	47	95	4	5	-	-	2-3	2-3	2500	1	30
	The Lizard ...	1006·6	+2	SW	1 2	bc	49	95	8	8	6	-	2-3	4-6	4000	1	2
	Scilly (St. Mary's)	1006·5	+4	W'S	2	bc	48	95	8	3	6	-	2-3	2-3	2500	1	1
	Guernsey ...	1007·1	+4	-	0	c	50	95	7	8	-	-	10	10	2500	1	2
6	Pembroke ...	1006·0	+4	-	0	bc	49	95	7	4	7	2	2-3	4-6	1500	1	0
7	Holyhead ...	1007·4	+0	-	0	bc	48	95	7	2	3	28	2-3	7-8	1500	0	0
	Chester (Sealand)	1006·3	+2	SSE	2	c/pr	45	95	6	5	-	2	7-8	9	2500	1	*
8	L'pool (Bidston)	1006·5	+0	SSW	1	bc	46	85	7	5	5	-	2-3	4·6	2500	0	*
9	Harrogate ...	1006·9	+0	-	0	m	46	85	4	5	3	-	2-3	9+	4150	1	*
10	Spurn Head ...	1006·8	+0	SW	3	c	48	95	6	5	7	8	2-3	4·6	1500	0	2
	Catterick ...	1006·5	+0	-	0	c	45	95	7	5	3	2	2-3	9	4000	1	*
	Tynemouth ...	1006·7	+2	-	0	o/r	45	85	5	5	-	-	10	10	1500	1	1
11	Inchkeith ...	1007·3	+2	WSW	2	m	42	95	4	5	3	9	2-3	4·6	800	0	1
	Leuchars ...	1008·0	+2	W	1	c	41	95	8	2	-	4	Tr	7·8	4000	0	*
12	Renfrew (Abbotts L)	1007·3	+0	-	0	F	35	95	1	-	-	-	0	0	-	0	*
	Eskdalemuir ...	1006·5	+0	N	2	bc	42	75	8	5	7	-	2-3	7·8	4000	1	*
13A	Tiree	1006·6	+2	-	0	PR TR	46	95	8	9	7	8	9	10	450	1	2
13B	Stornoway ...	1005·1	+2	NE	1	c	46	95	8	8	6	-	4·6	9+	1500	1	0
15	Dalwhinnie ...	1007·5	+0	-	0	c	44	95	8	4	1	-	4·6	10	2500	1	*
	Aberdeen ...	1006·9	+2	NW	1	bc	44	95	6	-	3	-	0	2-3	-	1	1
	Wick	1006·9	+4	WNW	1	p$_o$	45	95	7	8	1	-	7-8	10	1500	1	2
16	Lerwick ...	1007·0	+6	-	0	0	44	95	6	5	-	-	10	10	800	1	*
17	Blacksod Point	1006·2	+4	N	3	bc	50	85	9	-	5	-	0	4·6	-	0	3
18	Malin Head ...	1005·8	+2	N	1	c	48	95	7	4	7	-	7·8	9+	450	1	1
	Aldergrove ...	1007·0	+2	-	0	f$_g$	37	95	4	5	-	-	1	1	5700	1	*
	Donaghadee ...	1006·5	+0	-	0	c'	45	95	7	5	-	-	7·8	7·8	1500	0	0
19	Birr Castle ...	1005·7	+2	NW	1	c	44	95	8	5	-	1	9+	9+	2500	1	*
20	Valentia Obsy.†	1006·1	+8	-	0	c	47	95	9	5	-	-	7·8	7·8	1500	1	2
	Roches Point...	1006·3	+6	N	3	f	44	95	3	5	-	-	10	10	4150	1	3

PAST 24 HOURS.

Dist.	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 28th Hrs.
		(31)	(32)	(33)	(34)	(35)	(36)
1	London (Kew)...	60	44	35	Tr	Tr	6·3
	Croydon ...	60	44	41	-	Tr	5·3
	S. Farnborough	58	44	41	Tr	Tr	3·8
	Winchester ...	56	45	40	0·5	1	3·9
	Boscombe Down	55	44	43	2	5	3·9
	Calshot, (S'thmtn)	57	48	44	-	0·3	4·1
	Dungeness ...	56	44	*	-	-	*
	Lympne ...	57	40	33	-	Tr	8·0
2	Shoeburyness	59	42	35	-	-	6·9
	Felixstowe ...	55	45	43	-	-	8·5
	Gorleston ...	58	47	42	-	-	7·4
	Cranwell ...	60	43	41	-	0·6	7·3
3	Birmingham ...	56	44	42	Tr	3	7·0
	Upper Heyford	59	44	41	0·4	2	*
4	Ross-on-Wye ...	56	44	41	2	8	4·8
5	Portland Bill...	52	48	*	1	4	*
	Plymouth ...	52	44	41	4	5	0·2
	The Lizard ...	51	47	*	7	0·1	3·1
	Scilly (St. Mary's)	54	45	*	0·6	-	4·5
	Guernsey ...	58	48	47	-	1	6·7
6	Pembroke ...	53	46	*	0·3	1	6·4
7	Holyhead ...	56	46	35	-	-	11·7
	Chester (Sealand)	60	41	36	0·4	Tr	6·9
8	L'pool (Bidston)	55	43	41	1	-	8·5
9	Harrogate ...	58	43	40	0·6	-	6·8
10	Spurn Head ...	55	44	*	-	0·4	10·1
	Catterick ...	59	43	41	-	0·1	7·0
	Tynemouth ...	52	44	37	0·3	0·3	*
11	Inchkeith ...	55	42	37	1	Tr	2·8
	Leuchars ...	57	36	26	1	-	6·4
12	Renfrew (Abbotts L)	57	33	30	Tr	-	8·0
	Eskdalemuir ...	54	33	28	0·1	-	6·3
13A	Tiree	54	44	33	0·1	1	4·0
13B	Stornoway ...	50	43	*	7	Tr	0·3
15	Dalwhinnie ...	55	34	29	1	5	4·5
	Aberdeen ...	56	40	35	8	0·1	6·7
	Wick	51	42	*	0·4	0·1	*
16	Lerwick ...	46	42	*	-	1	0·3
17	Blacksod Point	55	46	*	4	-	*
18	Malin Head ...	54	42	*	0·3	-	2·9
	Aldergrove ...	57	35	37	2	-	3·3
	Donaghadee ...	57	38	*	-	-	*
19	Birr Castle ...	57	42	31	1	2	7·0
20	Valentia Obsy.†	56	41	37	0·2	Tr	6·3
	Roches Point...	55	43	*	0·2	Tr	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations. except Greenwich & Hampstead rainfall, 9h–18h.

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	bcy	cr$_o$c	ci$_o$pr	60	44	35	Tr	Tr	6·3	*	*	6
Croydon	217	cmobcy	bccy	cmocpc	60	44	41	-	Tr	5·3	54 *	68 *	6
Greenwich (Royal Observatory) ...	149	by	cpocy	cpc	65	42	34	Tr	Tr	4·2	65	42	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	4·5	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	61	45	40	-		4·7	51	65	*
‡Regents Pk. (Botanic Gardens) ...	168	*	*	*	62	45	39	Tr		4·4	57	69	*
Camden Square	110	bc	bcc	*	63	45	39	-	-	*	*	72	*
Kensington	80	cbc	bc	*	60	43	36	-	Tr	5·7	At 18h. 71		*
Hampstead Observatory ...	450	bc	bc$_p$	c	61	44	29	Tr	Tr	5·5	*	78	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 29th

South Kensington. Max.	Time.	Min.	Time.
0·6	19-21h 28th	0·5	29th 0-5hrs

Kew Observatory. Max.	Time.	Min.	Time.
0·2	20hr 28th	<0·1	0-3hr 29th

FOREIGN OBSERVATIONS.

18h. G.M.T. 28th April

Stations.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1010·6	S	5	c	55
Brussels	1010·3	NW	1	c	52
Berlin	1012·0	ENE	2	bc	54
Zürich	1012·0	SSE	2	c	54
Rome	1015·3	WSW	3	bc	55

7h. G.M.T. 29th April

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1009·4	SSE	1	m	50
1009·2	SSE	2	m	52
1010·8	E	1	c	50
1012·7	SE	2	c/r	48
1020·9	S	2	c	57

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
59	46	Tr	-
57	41	-	-
59	41	-	-
61	46	3	7
64	43	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 30th April 1933.

No. 26092

OBSERVATIONS at 13h. G.M.T. 29th April.

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)	1006·4	-4	WSW	3	c	56	65	7	4	9	2	2·3	9	2500
	Croydon	1006·8	-2	SW	4	c	59	55	7	7	-	6	4·6	9+	4000
	S. Farnborough	1006·2	-2	SSW	3	c/r	57	75	8	2	3	-	4·6	7·8	2500
	Winchester	1006·1	-6	S'E	4	c	55	75	8	8	-	-	9	9	1500
	Boscombe Down	1005·6	-8	S	4	c/pr$_o$	55	75	8	3	-	-	9	9	2500
	Calshot, S'thmtn	1006·7	-2	S	3	c	54	85	8	6	3	-	2·3	7·8	1500
	Dungeness	*	*	SSW	2	c	*	*	6	5	6	,	4·6	7·8	1500
	Lympne	1007·7	-4	S'W	2	c	56	75	7	8	-	6	1	7·8	4000
2	Shoeburyness	1006·7	-10	WSW	1	pr	57	65	7	9	6	-	7·8	9+	2500
	Felixstowe	1007·0	-10	ESE	3	bc	55	75	8	8	3	1	2·3	4·6	4000
	Gorleston	1007·0	-6	SE'S	4	bc	51	95	6	4	3	-	2·3	4·6	2500
	Cranwell	1006·1	-10	NW	2	t	53	85	6	8	-	6	7·8	9+	2500
3	Birmingham	1006·0	-6	SSE	1	c	54	65	8	8	-	2	7·8	9	4000
	Upper Hayford	1006·8	-4	SW	2	t/c$_o$	48	75	8	3	2	-	9+	10	450
4	Ross-on-Wye	1005·6	-6	ENE	2	bc	53	85	8	8	6	1	2·3	2·3	4000
5	Portland Bill	1006·3	-6	SW	3	bc	53	95	7	2	-	-	2·3	2·3	2500
	Plymouth	1007·3	+10	S	3	c	53	85	8	8	3	-	7·8	7·8	1500
	The Lizard	1006·3	0	S'W	2	bc	55	85	8	8	4	1	2·3	4·6	4000
	Scilly (St. Mary's)	1006·9	0	WSW	2	bc	54	85	8	2	-	3	4·6	4·6	4000
	Guernsey	1007·2	0	W	2	bc	56	75	7	8	-	-	4·6	4·6	2500
6	Pembroke	1005·7	-2	WNW	2	c	51	95	7	5	4	2	4·6	7·8	1500
7	Holyhead	1007·2	0	NW'N	3	u	53	85	8	3	-	8	4·6	4·6	2500
	Chester (Sealand)	1005·4	-8	NNW	1	c	56	65	7	8	-	1	9	9	4000
8	L'pool (Bidston)	1005·4	-2	NW	2	bc	52	75	8	1	7	1	1	4·6	1500
9	Harrogate	1006·3	0	S	1	r$_o$r$_o$	46	95	5	6	2	-	7·8	10	2500
10	Spurn Head	1005·8	-4	E'S	3	t/r	50	95	6	3	2	-	4·6	9+	2500
	Catterick	1005·7	-2	SSE	2	ir$_o$	50	85	6	9	2	-	7·8	10	1500
	Tynemouth	1006·1	-4	NE	2	c	48	95	7	9	-	-	7·8	7·8	1500
11	Inchkeith	1006·8	-8	E	1	c	52	75	6	5	7	-	7·8	9+	1500
12	Leuchars	1007·0	-2	SE	3	c	55	95	7	5	-	2	4·6	9	800
	Renfrew (Abbotts I.)	1006·3	-2	SSE	2	c	54	65	7	8	-	-	10	10	4000
	Eskdalemuir	1005·9	-2	NNW	2	c/r	48	85	7	8	1	-	4·6	9	4000
13A	Tiree	1007·4	+4	N	3	bc/p	50	85	9	8	4	1	2·3	2·3	1500
13B	Stornoway	1007·0	+8	NE	3	c/pr	48	95	8	8	7	-	4·6	9	1500
15	Dalwhinnie	1007·0	0	N	2	ir$_o$	48	85	8	4	4	-	4·6	9	2500
	Aberdeen	1007·1	+2	E	3	bc	52	85	7	3	3	2	2·3	4·6	2500
	Wick	1007·8	+8	ESE	1	c	47	95	8	8	1	-	7·8	9+	1500
16	Lerwick	1008·2	+2	S'W	1	c	47	95	7	8	7	-	4·6	7·8	1500
17	Blacksod Point	1007·1	+2	N	3	bc	53	75	8	2	-	9	4·6	4·6	1500
18	Malin Head	1006·1	+2	NE	1	bc/s	48	95	7	2	8	2	2·3	2·3	1500
	Aldergrove	1006·3	-8	N	1	s/p	51	75	7	3	-	1	7·8	9	800 1500
	Donaghadee	1006·3	-2	NE	2	bc	49	85	7	-	-	8	0	2·3	
19	Birr Castle	1005·3	-4	N	1	pr$_o$	54	65	8	8	-	-	9+	9+	2500
20	Valentia Obsy.	1005·8	-6	NW'N	4	bc	56	65	9	7	-	-	4·6	4·6	2500
	Roches Point	1006·1	0	SW	3	c	51	85	8	3	-	-	7·8	7·8	2500

OBSERVATIONS at 18h. G.M.T. 29th April.

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)	1006·1	0	NNW	2	c/pr	53	75	6	3	-	-	9	9	1500	1	*
	Croydon	1006·4	-2	S'W	3	c	55	65	7	8	3	-	7·8	7·8	4000	0	*
	S. Farnborough	1006·0	+4	W	2	bc	54	65	9	2	-	-	4·6	4·6	4000	1	*
	Winchester	1006·0	+2	S'W	3	bc/p	52	85	8	2	-	-	4·6	4·6	2500	1	*
	Boscombe Down	1005·9	+6	W	2	c	52	75	8	3	-	8	7·8	7·8	2500	1	*
	Calshot, S'thmtn	1006·5	+2	SSW	4	b	53	75	8	3	4	-	1	1	2500	0	1
	Dungeness	*	*	SW	2	c	*	*	6	8	6	*	4·6	7·8	1500	*	0
	Lympne	1007·6	+2	S	2	c	53	75	8	5	-	-	7·8	7·8	7200	0	*
2	Shoeburyness	1006·5	0	NNE	1	c/pr	54	85	7	3	7	-	7·8	9+	2500	1	*
	Felixstowe	1006·7	-4	SE'E	2	r$_o$r$_o$	50	95	6	6	-	-	9+	9+	1500	1	1
	Gorleston	1008·0	-4	SE	1	c	50	85	6	5	-	-	9	9	4000	0	2
	Cranwell	1008·6	-2	SE	3	c/r	52	95	6	9	-	2	4·6	7·8	1500	1	*
3	Birmingham	1004·7	0	WNW	1	t	50	75	7	8	-	3	4·6	4·6	2500	1	*
	Upper Hayford	1005·9	-2	SSW	2	t	52	75	8	9	3	3	1	7·8	450	1	*
4	Ross-on-Wye	1005·0	-6	SSW	1	t	54	75	8	3	-	1	7·8	9	4000	1	*
5	Portland Bill	1005·8	-4	SW	3	bc	50	95	7	4	-	-	2·3	2·3	2500	0	2
	Plymouth	1006·4	-2	S	4	c	52	85	8	8	-	2	4·6	7·8	1500	1	2
	The Lizard	1006·8	0	SW	2	bc	53	85	8	8	8	-	2·3	2·3	4000	0	2
	Scilly (St. Mary's)	1007·0	0	S'W	2	c/pr$_o$	51	95	7	8	1	-	4·6	7·8	4000	1	1
	Guernsey	1007·4	+2	W'N	1	bc	54	85	8	-	3	-	0	4·6	-	0	1
6	Pembroke	1005·3	0	WNW	1	bc	52	75	7	1	4	-	2·3	2·3	4000	0	1
7	Holyhead	1007·0	0	NW'W	3	bc	51	85	7	3	-	1	Tr	4·6	2500	0	0
	Chester (Sealand)	1005·6	0	SSE	1	c	50	85	6	5	9	3	2·3	7·8	2500	1	*
8	L'pool (Bidston)	1005·5	0	WNW	2	bc	50	75	7	-	-	5	0	4·6	-	0	*
9	Harrogate	1005·8	-6	S'W	1	ir$_o$	50	75	7	6	1	7	7·8	10	2500	1	*
10	Spurn Head	1005·9	0	ESE	4	r$_o$r$_o$	47	95	7	3	2	-	4·6	9	2500	1	3
	Catterick	1005·4	-2	-	0	c	51	75	8	5	2	-	7·8	10	1500	1	*
	Tynemouth	1005·7	-2	ESE	1	o/r	47	95	4	6	-	-	10	10	1500	1	1
11	Inchkeith	1007·0	+4	ENE	3	c	48	85	7	5	7	-	4·6	7·8	2500	0	2
12	Leuchars	1007·3	+4	ENE	2	c	49	85	7	5	9	9	7·8	9+	5700	0	*
	Renfrew (Abbotts I.)	1006·3	+4	NNW	2	c	51	65	7	8	7	-	9	10	5700	0	*
	Eskdalemuir	1005·8	0	NE	2	r$_o$r$_o$	47	85	7	5	2	-	4·6	10	4000	1	*
13A	Tiree	1006·0	+2	N	5	c	50	75	8	6	4	6	Tr	7·8	1500	1	3
13B	Stornoway	1008·6	+12	NE	6	c/pr$_o$	46	95	7	9	7	-	7·8	10	1500	1	2
15	Dalwhinnie	1008·0	+2	N	52	c	47	75	8	4	1	-	2·3	10	2500	0	*
	Aberdeen	1007·9	+2	N'E	2	bc	51	75	7	7	-	3	1	4·6	4000	1	1
	Wick	1008·7	+10	NNE	2	c	47	95	8	8	1	-	7·8	9+	1500	0	2
16	Lerwick	1008·3	0	NNW	1	c	49	75	7	8	7	1	7·8	9	1500	0	*
17	Blacksod Point	1007·4	+4	N	4	bc	51	75	9	2	-	9	4·6	4·6	1500	0	3
18	Malin Head	1006·8	+4	N'E	3	bc	49	95	7	2	4	8	1	2·3	1500	0	1
	Aldergrove	1006·6	+6	W	2	bc	49	85	9	8	3	1	4·6	4·6	2500	1	*
	Donaghadee	1006·0	0	N	1	bc	51	85	8	-	3	8	0	2·3	-	0	1
19	Birr Castle	1005·0	+4	SSE	1	c	54	65	8	8	-	-	9+	9+	2500	1	*
20	Valentia Obsy.	1006·2	+6	ESE	1	c	53	75	9	9	7	-	7·8	7·8	2500	1	2
	Roches Point	1006·2	+2	SW	3	c	52	75	8	3	-	-	7·8	7·8	2500	0	3

PAST 24 HOURS.

Stations. (For heights see p. 4.)	Weather. 7h.–13h. 29th. (34)	Weather. 13h.–18h. 29th. (35)	Weather. 18h. 29th to 1h. 30th. (36)	Weather. 1h.–7h. 30th. (37)
London (Kew)	cp$_o$t$_o$	c	cprm$_o$	c
Croydon	bccpr$_o$	cybc	bcbm$_o$w	b$_e$m$_o$bw
S. Farnborough	r$_o$corbc	bcyv	bccb	bw
Winchester	crc	ctbcjp	bcjf	jjem$_o$
Boscombe Down	cccpr$_o$	cPRHt'l	cbc	bcbjfe
Calshot, S'thmtn	cr$_o$ir	bcb	bo	off
Dungeness	c	c	*	c
Lympne	bc	bcc	bcam$_o$	cm$_o$c
Shoeburyness	cprt	cpr	c	bcw
Felixstowe	bccbc	bccr$_o$RRm$_o$	orr$_o$Rdqm$_o$	om$_o$cm$_o$
Gorleston	bcq	bcc	corbc	bcl
Cranwell	cd$_o$r$_o$	cr$_o$r	cr$_o$r	cm$_o$m
Birmingham	r$_o$c	cpqc	bc	bcb
Upper Hayford	cir$_o$RRt	cRtbctjp	ctrbc	bcbm$_o$
Ross-on-Wye	cofc	bccpbc	tbrc	bmwF
Portland Bill	cbc	bc	b	bbc
Plymouth	bcm$_o$r$_o$c	cbc	cb	bm$_o$cpr$_o$
The Lizard	bc	bc	bcw	bcpr
Scilly (St. Mary's)	bc	bcc$_p$	crrc	cbcc
Guernsey	cp$_o$bc	bc	bcbw	bwbc
Pembroke	bcc	cbc	bcc	cbcw
Holyhead	bcu	bcub	bcbwm$_o$	bwm$_o$c
Chester (Sealand)	c	cir	cbcm$_o$	bcm$_o$w
L'pool (Bidston)	bc	bccb	bccw	wc
Harrogate	crr	cir$_o$	cir$_o$	coir$_o$
Spurn Head	cprtlr	rrrth	co	ocf
Catterick	ocm$_o$Rt	r$_o$m$_o$c	crcm$_o$	cm$_o$
Tynemouth	oirc	corrm	cir$_o$	or$_o$r$_o$
Inchkeith	bcj	c	coir	orc
Leuchars	cwbcy⊕	cyir$_o$bc	cr$_o$m$_o$	cr$_o$rm$_o$
Renfrew (Abbotts I.)	Fbccu	cbcjc	bcRRc	cir$_o$
Eskdalemuir	bccrr	ctcr$_o$r$_o$	cr$_o$	cr$_o$c
Tiree	RRbc	c	c	c
Stornoway	cpr	cpr$_o$	cpr	cpr
Dalwhinnie	c	ir	*	cro
Aberdeen	bc	bc	bc	c
Wick	c	c	c	cprc
Lerwick	oc	c	coir$_o$m$_o$	ocir$_o$
Blacksod Point	bc	bc	prcq	prcq
Malin Head	cfbc	bcf	c	c
Aldergrove	cbcb	bbc	bbcb	corr
Donaghadee	cpr	c	cpfbc	bccx
Birr Castle	cbc	bcrcpr$_o$c	cbcbw	bbc
Valentia Obsy.	cpc	cp$_o$c	cp$_o$bcw	bcw
Roches Point				

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 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.*

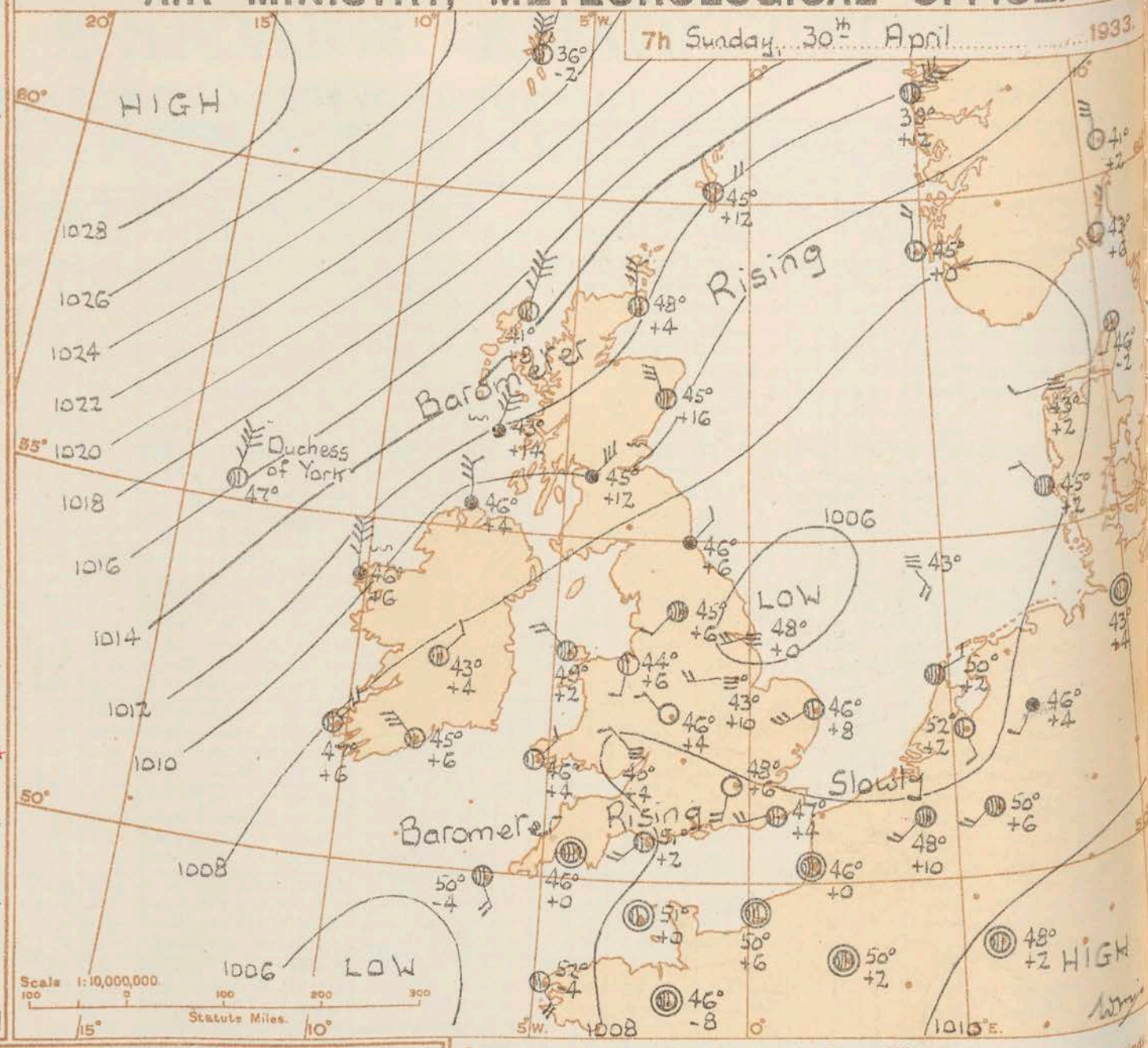
REPORTS from HEALTH RESORTS for Saturday 29th April 1933.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 28th. to 9h. 29th.	Temperature. Max. 9h.—17h. 29th.	Rainfall. Night. 17h. 28th. to 9h. 29th.	Rainfall. Day. 9h.—17h. 29th.	Sunshine. Sunrise to 17h. 29th.	Sunshine. Sunrise to Sunset. 28th.
1	Tunbridge W.	bbc	bc	42	61	-	-	5·3	7·9
	Bournemouth	acb	b	48	59	2	-	5·5	3·8
	Ventnor ...	corfc	bccof	47	55	0·3	1	2·9	5·2
	Southsea ...	cor	cbcb	49	58	-	1	4·5	4·5
	Bognor Regis	bcir	bcb	47	59	0·5	Trace	5·4	7·0
	Littlehampton	bc	bc	46	57	0·5	-	5·3	6·3
	Worthing ...	bccbc	bcb	47	55	0·3	-	8·1	6·2
	Brighton ...	b	bcc	47	56	0·2	-	8·1	7·7
	Eastbourne†	b	bbc	47	58	0·2	-	8·5	9·0
	Hastings† ...	bbcb	bbc	42	56	-	-	7·9	9·1
	Folkestone ...	wbc	bc	41	56	-	-	7·6	6·5
	Dover... ...	bc	bcc	41	58	-	-	7·3	6·5
	Deal	b	bc	(46)	61	-	-	6·7	6·3
	Ramsgate ...	bcb	bbcb	45	57	-	-	7·2	4·0
	Margate ...	bc	bc	44	62	-	-	8·2	3·8
2	Southend ...	bc	cgtp	46	60	Trace	1	3·2	7·0
	Maldon ...	cbc	ctlrc	42	59	-	4	2·9	7·9
	Clacton-on-Sea	cbcc	cpc	47	55	-	Trace	3·5	8·7
	Dovercourt ...	bc	bcroc	46	57	-	0·6	5·0	8·5
	Lowestoft ...	bcb	bcc	45	56	-	-	6·7	11·1
	Skegness ...	b	bcortl	46	57	Trace	7	6·4	12·3
	Mablethorpe	c	tlro	44	56	0·3	7	5·1	11·5
	Cleethorpes...	bcir	oir	43	58	1	12	2·7	10·5
3	Leamington S.	orcbc	bc	48	57	9	1	2·6	6·0
4	Cheltenham†	opc	citbc	45	58	12	0·3	4·0	5·3
5	Bath	cbcp	cp.bc	47	60	3	4	3·1	4·0
	Weymouth ...	bcmbc	cb	48	56	4	-	6·7	1·5
	Jersey ...	rcbc	bc	49	57	2	-	5·0	7·0
	Torquay ...	rpbc	bcb	48	60	3	-	8·6	1·3
	Penzance ...	bcpbc	cb	43	57	-	Trace	6·9	0·5
	St. Ives ...	cpcbc	b	45	56	0·3	Trace	6·5	0·4
	Bude	pcbc	bc	45	55	3	-	5·0	0·7
	Ilfracombe ...	cpcbc	bcb	46	54	5	3	6·7	2·7
6	Aberystwyth	cprc	cbc	46	53	3	-	7·0	5·4
7	Llandudno ...	cbc	bc	43	55	Trace	-	6·6	5·5
	Colwyn Bay...	bcb	bcc	43	52	-	-	6·5	7·5
	Rhyl								
8	Wallasey ...	bc	bc	51	64	-	-	7·0	3·1
	Southport‖ ...	cbcc	cbc	45	56	-	-	4·6	9·0
	Blackpool ...	cbc	c	46	56	-	-	6·3	9·9
	Morecambe ...	cbbc	b	46	56	Trace	-	3·4	10·0
9	Ilkley... ...	c	ctlro	41	53	1	0·5	0·0	7·3
10	Berwick-on-T.	orc	cbcco	37	52	2	Trace	3·8	3·7
11	Dunbar ...	cmorc	bc	40	53	Trace	1	3·9	3·5
12	Troon... ...	wbc	bccgtb	38	55	-	Trace	7·0	8·4
	Douglas ...	circb	circb	42	54	5	1	2·0	10·2

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Sunday, 30th April 1933.



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.
Sea Disturbance.—Rough. ≈≈ High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 30th April, 1933.
1. S.E. England 2. E. England .. 3. E. Midlands 4. W. Midlands	Light variable or westerly wind; bright periods, occasional showers, probably local thunder; moderate temperature; morning mist or fog.
5. S.W. England 6. South Wales	Light variable wind; mainly cloudy, occasional showers and probably local thunder; moderate temperature; morning mist or fog.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light or moderate northeasterly wind; intermittent rain or occasional local showers; brighter intervals; rather cold.
13. { A. W. Scotld. B. N.W. Scotland	Fresh to strong northerly to northeasterly winds; cloudy some showers, sleet locally; cold.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Moderate northeasterly wind; cloudy, showers, sleet locally; rather cold.
17. N.W. Ireland	As 13A.
18. N.E. Ireland	As 7 - 12.
19. S.E. Ireland 20. S.W. Ireland	Light to moderate northeasterly wind; bright periods, occasional showers; rather cool.

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

GENERAL INFERENCE.

An anticyclone south of Iceland is spreading southeastward, and a belt of relatively low pressure extends across England and Wales. In Scotland, Northern England and Ireland, winds will be northerly or northeasterly and weather mainly cloudy and cold with occasional rain or showers. Over the rest of the country winds will be variable or westerly with bright periods, local showers and probably local thunder. Temperature moderate.

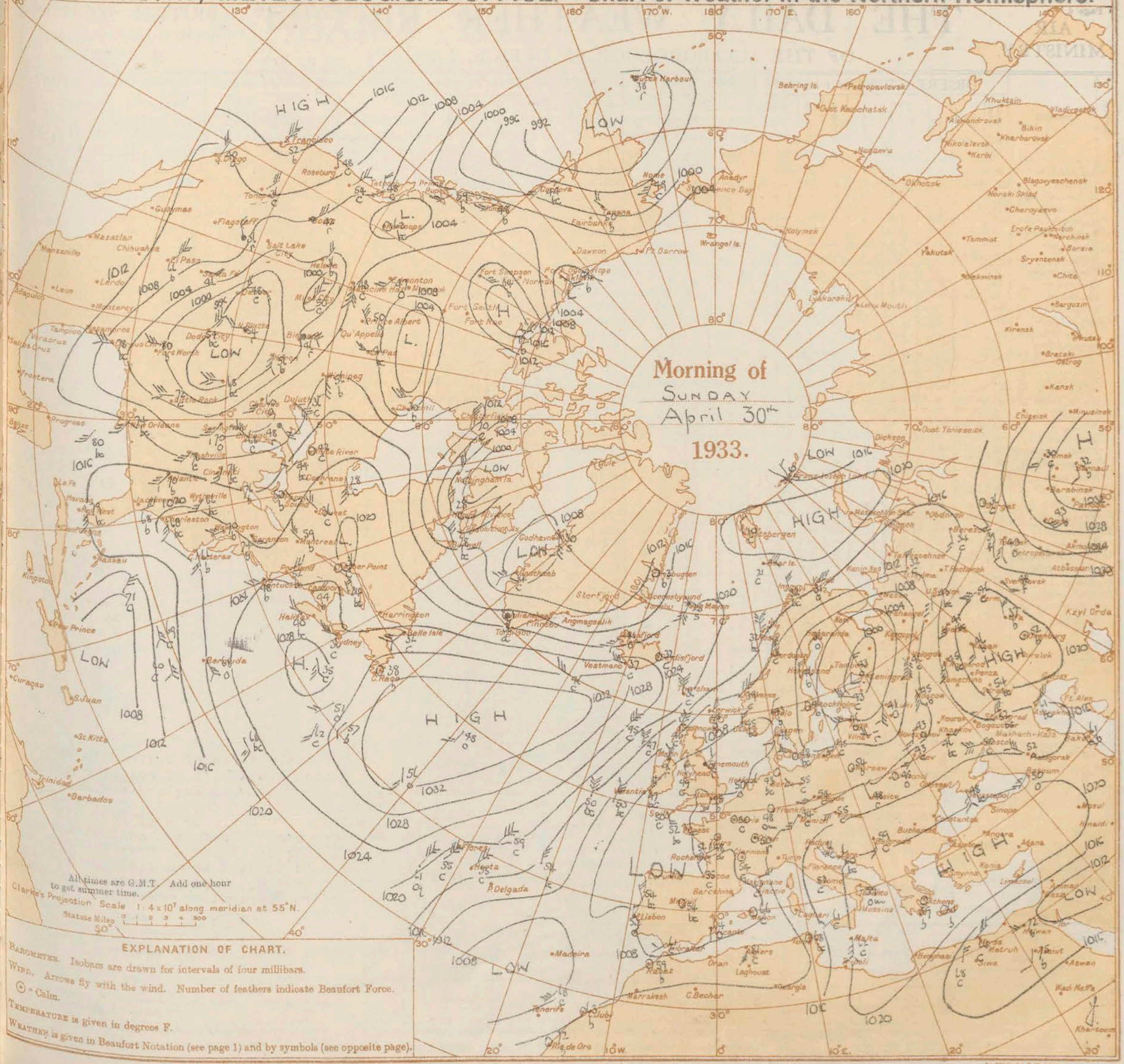
FURTHER OUTLOOK.

Showery, cooler in the south.

Forecasts issued at 1030 G.M.T.

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

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 30th APRIL 1933.

No. 26092

OBSERVATIONS at 1 hr. G.M.T. 30th APRIL

District.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0-10 (12)	Cloud. Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1007·5	0	S'W	2	b	45	95	6	5	-	-	Tr.	Tr.	800
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Winchester ...	275	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot,(S'thmtn)	8														
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1008·4	+2	WSW	2	3o	45	95	6	5	-	-	10	10	450
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	14	1006·9	-2	SSE	3	l	49	95	7	6	-	-	4-6	4-6	2500
	Cranwell ...	240														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1007·7	+6	WSW	3	b	49	95	7	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	222	1007·3	-2	S	3	bc	49	95	8	8	-	1	4-6	4-6	4000
	Scilly (St.Mary's)	163	1007·4	-2	SSE	2	c	48	95	8	5	-	-	9+	9+	4000
	Guernsey ...	175	1008·9	0	-	0	b	47	95	7	-	-	-	0	0	-
6	Pembroke ...	142	1008·5	+8	NW	1	c	46	95	7	5	4	2	4-6	7-8	2500
7	Holyhead ...	26	1007·7	0	SW	1	b	45	95	6	2	-	-	1	1	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1005·6	0	-	0	c	47	95	6	-	2	-	0	10	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	67	1006·2	0	ESE	2	1r$_o$	45	95	7	6	-	-	10	10	1500
11	Inchkeith ...	190	1006·7	+14	NE	3	5r$_o$	~~49~~ 45	95	7	6	-	-	10	10	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts D	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1012·2	+8	NNE	6	c/pr	41	95	6	9	7	-	4-6	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1010·3	+2	N	4	c	43	95	8	8	1	-	7-8	10	1500
16	Lerwick ...	54	1008·5	+4	N	4	1r$_o$	42	95	6	6	-	-	10	10	800
17	Blacksod Point	18	1009·4	+8	N	6	q	49	95	7	8	-	-	7-8	7-8	450
18	Malin Head ...	52	1008·4	+2	N	4	c	48	95	7	4	-	-	9	9	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1007·2	+6	NE	3	bc	47	95	8	5	-	-	2-3	2-3	2500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 30th APRIL

District.	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Cloud. Form. Med. (24)	Cloud. Form. High (25)	Cloud. Amount. Low 0-10 (26)	Cloud. Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)...	1008.5	+10	W'S	2	c.	47	95	7	5	-	-	9+	9+	1500	1	*
	Croydon ...	1008.3	+6	SSW	2	b	48	85	7	-	-	-	0	0	-	0	*
	S. Farnborough	1008.2	+6	WSW	2	bc	46	95	7	5	-	-	2-3	2-3	1500	1	*
	Winchester ...	1008.3	+6	SSW	1	c	45	95	6	5	-	-	9	9	800	1	*
	Boscombe Down	1008.3	+8	SE	1	bf	40	95	2	-	-	-	0	0	-	1	*
	Calshot,(S'thmtn)	1008.0	+6	W'N	1	bc	49	85	6	5	-	-	4-6	4-6	800	0	1
	Dungeness ...	*	*	SW	2	c	*	*	7	5	6	*	4-6	7-8	1500	*	2
	Lympne ...	1008.8	+4	W	2	c	47	85	8	5	8	-	7-8	7-8	1500	0	*
2	Shoeburyness	1008.3	+8	WSW	2	bc	48	85	7	5	-	-	4-6	4-6	1500	0	*
	Felixstowe ...	1007.6	+10	WSW	2	c	46	95	6	5	-	-	9+	9+	450	1	1
	Gorleston ...	1007.0	+8	W'S	3	bc	46	95	6	-	1	-	0	2-3	-	0	2
	Cranwell ...	1007.1	+10	W'N	2	m	43	95	4	5	5	-	2-3	7-8	4000	1	*
3	Birmingham ...	1007.9	+4	NW	1	b	46	85	5	-	-	-	0	0	-	1	*
	Upper Heyford	1008.2	+10	-	0	b	43	95	6	-	3	-	0	Tr	-	1	*
4	Ross-on-Wye ...	1008.2	+4	NW	1	bf	40	95	1	-	-	-	0	0	-	1	*
5	Portland Bill...	1007.9	+2	WSW	2	bc	51	95	8	4	-	-	4-6	4-6	2500	0	2
	Plymouth ...	1007.7	0	-	0	c/pr	46	95	6	5	-	-	9+	9+	<150	1	0
	The Lizard ...	1007.2	+2	NE	3	bc	48	95	8	8	6	-	4-6	4-6	2500	1	2
	Scilly (St.Mary's)	1006.3	-4	SE'S	2	c/p	50	95	8	8	8	-	4-6	7-8	2500	1	1
	Guernsey ...	1008.6	0	-	0	bc	51	85	7	5	1	1	2-3	4-6	4000	0	1
6	Pembroke ...	1006.7	+4	NE	1	bc	46	95	7	1	7	-	2-3	4-6	4000	0	1
7	Holyhead ...	1008.2	+2	NW'N	2	c	49	95	7	5	-	-	9+	9+	800	0	0
	Chester (Sealand)	1007.3	+6	SSW	1	bc	44	85	6	5	-	-	2-3	2-3	4000	1	*
8	L'pool (Bidston)	1007.5	+4	W'N	2	c	46	85	8	5	1	-	4-6	9+	2500	0	*
9	Harrogate ...	1007.8	+6	SW	1	o	45	95	5	6	-	-	10	10	2500	1	*
10	Spurn Head ...	1005.9	0	W'N	2	cf	48	95	3	5	2	-	4-6	9+	800	0	2
	Catterick ...	1006.5	+10	-	0	c	47	95	5	5	-	-	9+	9+	1500	1	
	Tynemouth ...	1007.5	+6	NE	1	rr	46	95	6	6	-	-	10	10	1500	1	*
11	Inchkeith ...	1008.7	+8	NE	4	rr	44	95	7	6	-	-	10	10	1500	1	4
	Leuchars ...	1009.7	+12	NNE	3	rr	44	95	6	6	2	-	7-8	10	450	1	*
12	Renfrew (Abbotts D	1009.2	+12	NE	3	r$_o$c	45	95	7	9	2	-	9	10	2500	1	*
	Eskdalemuir ...	1008.0	+10	NNE	4	c	42	85	7	5	2	-	4-6	10	1500	1	*
13A	Tiree	1011.3	+14	NNE	6	cr	43	85	8	6	2	-	7-8	10	1500	1	4
13B	Stornoway ...	1013.2	+8	NNE	7	c	41	95	8	9	7	-	4-6	7-8	1500	1	3
15	Dalwhinnie ...	-	+12	NE	3	c	39	95	8	3	2	-	7-8	10	800	1	*
	Aberdeen ...	1010.6	+16	NNW	3	c	45	85	8	5	-	-	9+	9+	1500	1	1
	Wick	1011.4	+4	N	4	c	48	95	8	8	6	-	4-6	7-8	2500	1	2
16	Lerwick ...	1010.3	+12	ENE	2	c/r	45	95	7	8	-	-	9+	9+	800	1	*
17	Blacksod Point	1010.2	+6	N	7	pr	48	95	8	3	-	-	7-8	7-8	450	1	5
18	Malin Head ...	1008.9	+4	N	4	r	46	95	7	8	2	-	9+	10	1500	1	2
	Aldergrove ...	1008.0	+2	NNE	1	1r$_o$	45	95	6	5	-	-	10	10	800	1	*
	Donaghadee ...	1007.6	+14	E	2	rr	46	95	7	5	-	-	10	10	800	1	1
19	Birr Castle ...	1007.8	+4	NE	1	c	43	95	7	-	2	-	0	10	-	1	*
20	Valentia Obsy.†	1008.0	+6	NE	2	bc	47	85	8	1	4	-	2-3	2-3	1500	1	1
	Roches Point...	1007.7	+6	NW	3	bc	45	85	8	3	-	-	4-6	4-6	2500	0	3

PAST 24 HOURS.

District.	Stations.	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 24h Hrs. (36)
1	London (Kew)...	60	46	38	0·2	2	2·9
	Croydon ...	60	43	38	Tr	Tr	3·6
	S. Farnborough	60	40	27	1	-	4·1
	Winchester ...	58	42	38	2	-	5·1
	Boscombe Down	57	35	34	13	0·2	2·6
	Calshot,(S'thmtn)	56	45	43	3	-	5·9
	Dungeness ...	57	48	*	-	-	*
	Lympne ...	58	44	42	-	-	10·2
2	Shoeburyness	61	43	38	2	-	2·4
	Felixstowe ...	(55)	43	40	3	3	5·6
	Gorleston ...	54	44	42	-	3	6·5
	Cranwell ...	56	40	37	3	1	1·4
3	Birmingham ...	56	40	27	1	-	2·4
	Upper Heyford	55	37	27	11	0·3	*
4	Ross-on-Wye ...	57	35	30	2	2	2·1
5	Portland Bill...	54	48	*	-	-	*
	Plymouth ...	55	39	38	-	0·1	11·9
	The Lizard ...	56	47	*	-	2	*
	Scilly (St.Mary's)	56	46	*	Tr	10	11·2
	Guernsey ...	58	44	37	Tr	-	9·6
6	Pembroke ...	54	45	*	-	-	12·4
7	Holyhead ...	53	44	33	-	-	10·8
	Chester (Sealand)	57	37	30	0·5	-	0·8
8	L'pool (Bidston)	54	43	41	-	-	5·0
9	Harrogate ...	52	42	40	1	0·3	0·8
10	Spurn Head ...	55	45	*	21	0·2	2·9
	Catterick ...	53	45	44	4	0·5	0·6
	Tynemouth ...	49	45	43	2	3	*
11	Inchkeith ...	53	43	42	-	12	5·3
	Leuchars ...	56	44	44	Tr	5	7·6
12	Renfrew (Abbotts D	57	44	44	-	10	4·2
	Eskdalemuir ...	52	41	41	1	2	0·1
13A	Tiree	52	43	41	7	0·2	9·1
13B	Stornoway ...	50	38	*	3	1	(4·3) 4·6
15	Dalwhinnie ...	55	37	36	1	0·4	8·9
	Aberdeen ...	53	44	44	-	-	*
	Wick	48	41	*	-	1	*
16	Lerwick ...	51	42	*	0·1	0·3	4·0
17	Blacksod Point	53	46	*	-	2	*
18	Malin Head ...	51	45	*	-	Tr	5·6
	Aldergrove ...	55	43	38	3	3	2·1
	Donaghadee ...	53	44	*	-	3	*
19	Birr Castle ...	57	40	28	Tr	Tr	1·6
20	Valentia Obsy.†	56	44	38	Tr	Tr	7·6
	Roches Point...	55	41	*	Tr	0·2	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations, except Greenwich & Hampstead rainfall, 9h–18h.

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs, ended 9h.)	Weather. Afternoon. (24 hrs, ended 9h.)	Weather. Night. (24 hrs, ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
KEW	18	cpo$_{to}$	c	cprmc	60	46	38	0.2	2	2.9	*	*	6
CROYDON	217	bccpr$_o$	cybc	bcbmw	60	43	38	Tr	Tr	3.6	*	*	7
GREENWICH (Royal Observatory) ...	149	cr$_{ob}$	cp$_o$bc	bcebc	64	~~35~~ 45	35	1	-	3.0	64	72	5
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	2.1	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	59	46	42		1	2.3	56	72	*
‡REGENTS PK. (Botanic Gardens) ...	108	*	*	*						2.1			*
CAMDEN SQUARE	110	ccphtl	ccp	*	60	46	41	3	Tr	*	*	74	*
KENSINGTON	80	bctlrc	bcp	*	59	46	41	0.6	0.4	2.1	At 18h. 80		*
HAMPSTEAD OBSERVATORY	450	corplh	bc	*	58	42	34	3	4	2.9	63	90	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 30th.

SOUTH KENSINGTON.

Max.	Time.	Min.	Time.
0.6	20h-21h 29th	0.0	0h-6h 30th

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
0.2	21h 29th	<0.1	1h-5h 30th

FOREIGN OBSERVATIONS.

18h. G.M.T. 29th APRIL

Stations.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
PARIS	1008.3	S	1	bc	61
BRUSSELS					
BERLIN	1008.0	SW	2	c	61
ZÜRICH	1011.9	SSW	1	c	54
ROME	1020.2	S	3	bc	59

7h. G.M.T. 30th APRIL

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1009.3	-	0	3o	50
1009.1	WSW	2	o	48
1009.6	W	1	c	55
1013.1	E	1	1r$_o$	50
1013.8	-	-	c	52

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
63	46	0.1	8
	46		Tr
64	46	-	Tr
59	45	5	4
?	45	~	~

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

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

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

COLUMN 30.—Code for State of Sea.

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

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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 and Rainfall are for the 24 hours ending 9 h.