M.O. Form 2373.

THE DAILY WEATHER REPORT

BRITISH SECTION

1st April to 30th June

1937.

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 :—Austria, Bulgaria, Greece, Hungary, Jugoslavia, Turkey, Cyprus, Egypt, Palestine, Syria, Sudan, Iraq (6h. G.M.T.) Azores (8h. G.M.T.). The Greenland observations shown are made at 0h. G.M.T. with the exception of these for Mygbugten, and Torgilsbu which are for 7h. G.M.T. ; while those for North America are made at 1h. G.M.T.

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

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

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

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

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

Gale warning:—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 North Atlantic.

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

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

THE BEAUFORT SCALE OF WIND FORCE.

Beaufort Number.	Admiral Beaufort's General Description of Wind.	Specification for use on Land, based on observations made at British Land Stations.	Limits of Mean Velocities Statute Miles per Hour as recorded by well exposed anemometers about 40 feet above ground.
0	Calm	Calm ; smoke rising vertically	Less than 1
1	Light air	Direction of wind shown by smoke drift but not by wind vanes	1–3
2	Slight breeze	Wind felt on face ; leaves rustle ; ordinary vane moved by wind	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.

533

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.

8h G.M.T

6h G.M.T.

7h. G.M.T.

North Pole

Clarke's Projection Scale 1: 4 X 10⁷ 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.

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

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

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

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

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

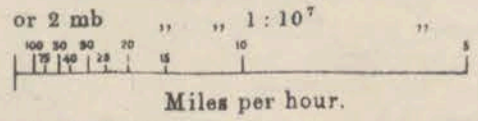
The wind at a height of 1,500-2,000 feet above ground usually blows *along* the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, *e.g.*, for isobars 1 inch apart for the chart on Page 2 the speed of the upper wind is about 12 m.p.h. in latitude 55°, with a 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 1¼% 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 entries in columns7 and 21 are limited to 10, 25, 35, etc., to 85, 92 and 97. Entry 10 indicates that relative humidity is between 0 and 19:25, between 20 and 29;.....and so on; 92, between 90 and 94; 97 between 95 and 100.

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. Until and including 29th March, 1936, the number of feathers on the arrows denotes wind force by Beaufort number. from 30th March, 1936. each feather denotes two steps on the Beaufort Scale; thus force 5 is indicated by two whole feathers and one half feather.

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

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. (Reprinted 1933).
Corrections and additions can be obtained, if required, on application to the Meteorological Office.

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

G.381/3304 m.60 7.34 D.45/7 Gp.908 1080 E.37

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

MONTHLY SUPPLEMENT,

APRIL 1937 No. 244

Dull generally - wet in Southern half of Kingdom.

Precipitation in excess of normal was confined mainly to the southern and western areas of the country - the largest amounts falling during the early part of the month. A new high record was established at Sealand. Falls in the Northern half of the Kingdom were in several cases below normal.

Temperatures differed only slightly from average in the South and West, but were somewhat lower in the North and East. Low night minima were recorded during the early days of the month, and on the 25th; Ground frost was reported locally inland on the morning of the 20th, 21st and 24th.

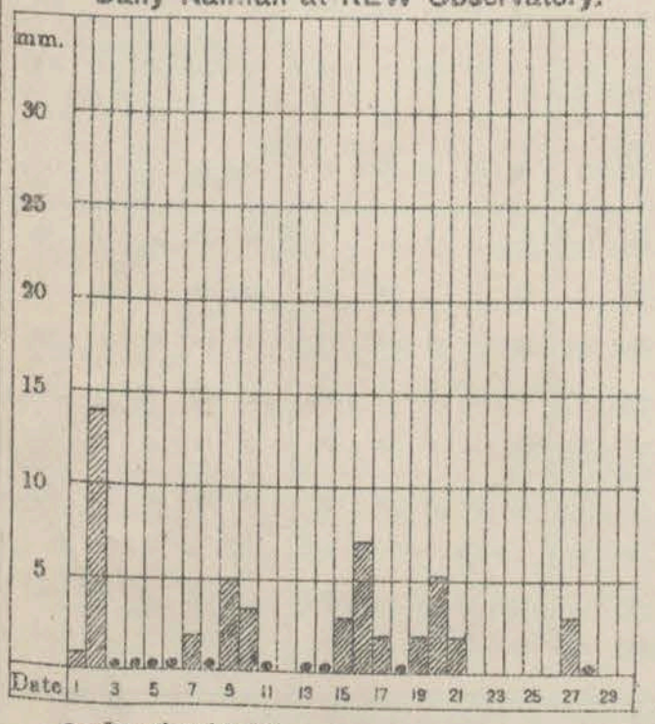
Sunshine amounts varied considerably; the dull conditions during the first half of the month, however, resulted in values being below the average generally, more especially in the North and East. New low records for April were established at Cranwell, Abbotsinch, Gorleston, Eskdalemuir, Aberdeen, Shoeburyness, Croydon, Aldergrove, Birr and Sealand.

Thunderstorms were reported on the 4th and 16th in Southern England, and thunder occurred locally in S.E.England on the 14th and in the North and West on the 12th. Hail showers were reported on the 20th and 21st in Northern districts.

Strong winds and gales mainly on the Northern and Western coasts, were reported on the 1st, 2nd, 16th and 17th, and on the S.E.Coasts and in the English Channel on the 16th and 20th. The highest gusts recorded were 75 m.p.h. at the Lizard and 71 m.p.h. at Scilly both on the 20th.

Fog developed on several days during the early part of the month, being widespread during the morning in England, on the 4th and 5th; while on the 8th, fog persisted all day on North Scottish Coasts. The coastal areas of N.E.England and E.Scotland, were effected on the 14th and 15th.

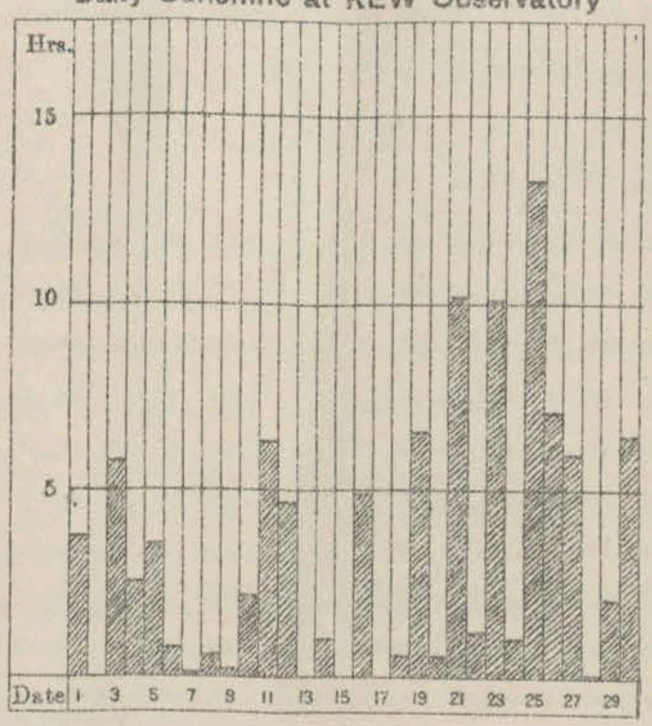
Daily Rainfall at KEW Observatory.



● = Less than 0·5 mm.

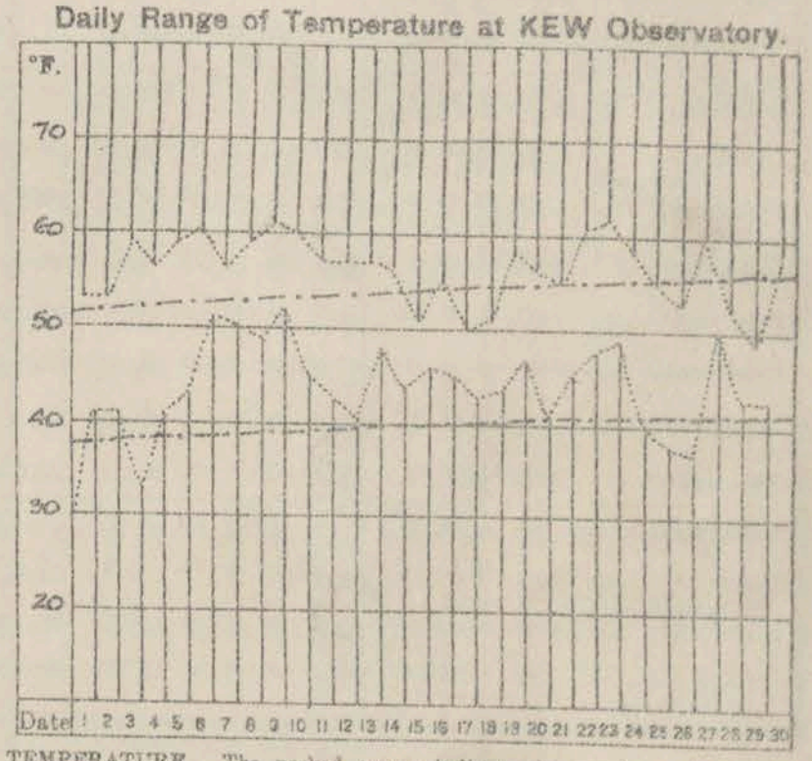
RAINFALL. Total for Month. 50 mm.

Daily Sunshine at KEW Observatory



SUNSHINE. Total for Month. 102 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	1010.7	-3.7	50.0	+2·3
Aberdeen	1010.7	-2.0	44.1	+0.6
Valentia	1010.1	-3.7	49.5	+2.1

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

WIND FREQUENCIES AT 7 hr.

Kew	Aberdeen	Valentia
3	5	4

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

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

	miles.
Kew ...	5,945
Aberdeen ...	4,658
Lerwick ...	11,221
Valentia ...	8,359

SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY,

District.	Stations.	†TEMPERATURE. Number of daily readings within fixed limits. Maximum. 33°–41°	42°–50°	51°–59°	60°–68°	Average Maximum. °F.	Minimum. 23° or below	24°–32°	33°–41°	42°–50°	51°–59°	Average Minimum. °F.	Extremes—Warmest and Coldest. Days. Highest Max. °F.	Date.	Lowest Max. °F.	Date.	Nights. Highest Min °F.	Date.	Lowest Min. °F.	Date.	Number of Ground Frosts.	LOW CLOUD. Number of observations within fixed limits. 7 h. Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	13 h. Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	18 h. Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	FOG, MIST and GOOD VISIBILITY. Number of observations within fixed limits. 7 h. Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	1 h. Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	District.
1	London ... (Kew Obsy).	0	2	22	6	54.6	0	1	9	18	2	40.8	62	23	49	29	52	10	30	1	4	7	22	0	6	20	0	5	22	0	1	2	1	0	9	0	0	1	2	12	1
	Croydon ...	0	1	22	7	54.3	0	1	8	19	2	39.9	63	27	49	17	52	10, 28	28	1	2	9	17	0	5	23	1	3	21	3	0	1	2	3	7	0	0	0	1	9	
	Calshot** ... (Southampton)	0	2	24	4	53.4	0	0	4	25	1	41.1	64	23	49	1	52	28	38	27	0	5	19	0	3	25	0	4	23	0	0	0	1	0	11	0	0	0	0	20	
	Lympne ...	0	7	21	2	51.9	0	0	9	21	0	39.4	60	10, 20	46	26, 29	50	10	34	1	2	12	14	0	7	22	0	5	16	2	0	2	2	4	7	0	0	1	2	19	
2	Shoeburyness ...	0	7	20	3	53.9	0	1	10	19	0	39.2	62	22	49	1, 17, 26, 30,	50	10	31	1	5	8	19	2	6	19	3	3	20	1	0	2	1	1	12	0	0	0	1	16	
	Gorleston ...	0	18	12	0	50.7	0	0	11	19	0	40.6	59	8	46	2, 13, 29, 30,	47	8, 23	38	5, 12, 24,	0	6	22	0	0	28	0	2	27	0	0	3	0	3	2	0	0	0	3	5	
	Cranwell ...	0	9	17	4	53.4	0	1	14	15	0	37.6	61	9	47	2, 4, 17,	49	10	24	1	4	15	14	0	7	21	1	8	18	2	0	4	2	5	10	0	0	0	0	18	
3	Birmingham ... (Edgbaston)	0	6	24	0	52.2	0	0	12	17	1	39.4	59	7, 9, 29,	46	2, 17,	51	10	33	1	6	7	14	1	3	22	0	3	18	0	0	2	5	7	5	0	0	1	4	12	3
4	Ross-on-Wye ...	0	6	19	5	53.9	0	0	13	15	2	39.4	63	23	48	2	52	10	34	1	6	5	22	1	3	26	1	4	24	1	0	0	2	4	13	0	0	0	2	18	4
5	The Lizard ...	0	5	23	2	*	0	0	1	29	0	*	62	28	48	18	50	28	38	19	*	1	29	0	1	28	0	6	21	0	0	0	0	0	24	0	1	6	0	23	5
7	Holyhead ...	0	7	22	1	50.1	0	0	5	25	0	42.4	60	23	48	2, 17, 20,	48	10, 24, 25,	39	1, 4,	1	6	20	0	2	21	2	5	17	3	0	1	1	1	21	0	0	2	0	21	7
8	Chester ... (Sealand)	0	5	19	6	53.2	0	3	10	15	2	39.0	62	7	45	17	52	10	29	12	6	2	21	3	4	22	1	4	21	2	0	2	1	5	5	0	0	0	1	13	8
10	Tynemouth ...	0	19	11	0	49.3	0	0	18	12	0	39.7	59	8, 22,	42	2, 4, 5,	47	9	33	1	1	14	16	0	9	21	0	15	15	0	0	0	4	4	6	0	0	3	1	11	10
11	Inchkeith** ...	2	12	15	1	49.3	0	0	22	8	0	39.4	63	30	41	3, 4,	47	10, 29,	35	1	0	7	23	0	5	25	0	4	26	0	0	2	1	4	14	0	2	2	1	22	11
12	Renfrew ...	0	6	21	3	51.9	0	1	14	15	0	37.0	66	29	45	4, 16,	50	10	28	26	3	7	17	2	5	20	4	6	18	4	0	0	0	1	10	0	0	1	0	14	12
	Eskdalemuir ...	0	15	11	4	49.0	0	3	21	6	0	33.9	63	30	43	4	48	10	27	27	5	17	10	1	8	21	0	10	20	0	0	1	1	0	11	0	0	0	0	19	
13B	Stornoway	0	17	13	0	48.8	0	0	10	20	0	38.1	58	30	45	2	47	27, 29,	36	21, 26,	*	1	29	0	1	28	0	0	27	1	0	0	2	0	24	0	0	0	0	26	13B
15	Aberdeen ...	1	17	10	2	49.0	0	1	23	6	0	38.0	63	30	41	2	46	29	30	27	3	12	12	2	12	17	0	11	15	3	0	1	5	3	9	0	0	0	2	16	15
18	Aldergrove ...	0	10	15	5	*	0	0	14	16	0	*	62	7	45	3, 17,	48	7, 8, 9, 10, 28, 29,	33	11, 12,	3	16	10	0	12	16	1	8	17	2	0	0	0	0	19	0	0	0	0	20	18
19	Dublin ... (Phœnix Park)	0	5	19	6	53.2	0	3	12	13	2	36.6	64	23	50	5	51	7, 18	29	12	5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	19
	Birr Castle ...	0	1	20	9	53.3	0	0	10	18	2	38.1	66	24, 29,	44	3	52	24	33	12, 18,	4	0	29	0	0	29	1	0	30	0	0	0	0	0	30	0	0	0	0	30	
20	Valentia ... (Cahirciveen)	0	1	26	3	52.4	0	0	8	17	5	42.4	66	24	50	17	51	6, 22, 23, 25, 27,	39	12	1	9	20	0	8	22	0	9	20	1	0	0	1	0	21	0	0	0	0	22	20

UPPER AIR TEMPERATURE.

Pressure. mb.	Normal Height. Feet.	Normal Temperature. °F.	Mildenhall. Mean. °F.	No. of Reports.	Aldergrove. Mean. °F.	No. of Reports.	Mean. °F.	No. of Reports.
950	1,760	42.0	43.0	48	46.2	43		
850	4,700	31.8	35.6	48	37.1	43		
750	7,950	22.4	26.7	48	29.4	43		
650	11,590	11.1	16.4	48	17.5	41		
550	15,720	-3.3	1.9	48	4.4	38		

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	80	16	46	17	1	-	47	11	25	11	-	-	59	16	30	13	-	-	53	18	25	8	2	-	2,000
	5,000	46	10	23	12	1	-	16	2	12	2	-	-	31	10	13	8	-	-	26	8	15	3	-	-	5,000
	10,000	16	4	9	3	-	-	5	-	3	1	1	-	14	4	8	2	-	-	15	2	9	4	-	-	10,000
	15,000	8	1	6	1	-	-	-	-	-	-	-	-	5	1	4	-	-	-	8	1	4	3	-	-	15,000

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

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

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

SUNSHINE, RAINFALL, AND HUMIDITY — APRIL, 1937.

District	Stations.	SUNSHINE. Number of Days with Duration. Nil.	0·1—3h.	3·1—6h.	6·1—9h.	Above 9h.	Maximum Duration. Hours.	Date.	Total for past 12 months. Hours.	Difference from average. Hours.	Total for Month. Hours.	Difference from average. Hours.	Highest and Lowest Totals on record for Month. First year of record.	Highest. Hrs.	Year.	Lowest. Hrs.	Year.	RAINFALL. ‡Number of days with amount. 0, trace or 0·1 mm.	0·2—1 mm.	1·1—5 mm.	5·1—15 mm.	15·1—25 mm.	Above 25 mm.	Maximum fall in 24 hrs. mm.	Date.	Total for past 12 months. mm.	Difference from Average. mm.	Total for Month.‡ mm.	Difference from Average. mm.	Highest and Lowest Totals on record for Month. First year of record.	Highest. mm.	Year.	Lowest. mm.	Year.	Days with Thunder.	Days with Show or Sleet.
1	London ... (Kew Obsy.)	4	13	7	3	3	13·3	25	1320	-149	102	-44	1880	244	1893	79	1920	16	3	8	3	0	0	14	2	715	+109	50	+13	1856	101	1878	1	1912	3	0
	Croydon ...	2	15	8	3	2	13·3	25	1262	-263	102	-31	1922	176	1927	110	1936	17	2	5	6	0	0	13	2	909	+230	64	+22	1921	104	1926	17	1933	2	0
	Calshot** ... (Southampton)	1	14	3	6	6	12·9	26	1542	-204	142	-17	1881	277	1893	96	1920	15	1	12	2	0	0	12	14	852	+206	59	+22	1871	110	1907	2	1912	1	0
	Lympne ...	3	9	7	5	6	13·3	25	1575	-196	146	-16	1921	237	1921	131	1931	14	5	5	5	1	0	20	2	928	+204	72	+30	1920	91	{1926 1935	24	1929	0	0
2	Shoeburyness ...	4	15	6	1	4	12.6	25	1449	-267	94	-59	1919	227	1921	99	1920	16	4	4	5	1	0	15	10	676	+196	76	+47	1920	99	1926	14	1933	1	0
	Gorleston ...	13	10	3	1	3	13.4	24	1507	-136	69	-95	1908	268	1909	119	1918	13	8	7	2	0	0	12	20	690	+68	43	+5	1871	100	1871	3	1893	0	0
	Cranwell ...	6	14	4	4	2	11·6	25	1320	-218	84	-57	1921	194	1921	119	1932	16	3	6	4	1	0	20	17	704	+114	69	+35	1917	110	1920	16	1928	0	0
3	Birmingham ... (Edgbaston)	7	9	5	6	3	12·5	26	1131	-173	105	-22	1887	233	1893	61	1891	15	3	6	5	1	0	16	2	890	+216	73	+29	1893	118	1920	6	1912	1	0
4	Ross-on-Wye ...	6	13	2	6	3	11.8	29	1224	-261	102	-40	1915	207	1916	72	1920	15	4	7	4	0	0	8	20	890	+172	47	-1	1859	143	1889	4	1912	0	0
5	Falmouth ... (Observatory)	6	7	7	6	4	12·9	24	1527	-183	121	-66	1881	272	1906	112	1931	15	2	6	6	1	0	17	1	1248	+141	93	+26	1871	179	1882	2	1893	0	0
7	Holyhead ...	3	11	6	5	5	12·0	26	1541	-9	131	-43	1914	231	1914	91	1920	15	5	7	3	0	0	10	19	961	+73	48	-4	1871	97	1908	6	1912	0	0
8	Chester ... (Sealand)	5	10	6	5	4	12·8	26	1220	-156	121	-18	1923	183	1929	102	1931	13	8	3	5	1	0	22	16	793	+132	80	+42	1922	70	1932	20	1926	0	0
10	Tynemouth ...	10	10	6	2	2	11.0	30	*	*	73	*	1935	*	*	*	*	11	6	10	2	1	0	19	16	768	+147	66	+30	1915	110	1934	13	1915	0	0
11	Inchkeith** ...	7	10	7	3	3	12·2	21	1353	-73	99	-42	1923	185	1936	97	1933	19	2	7	2	0	0	7	18	566	+12	29	0	1870	108	1871	5	1891	0	0
12	Renfrew ...	7	14	4	4	1	12·3	26	1072	-121	73	-60	1921	162	{1921 1922	101	1926	13	8	6	2	1	0	16	15	1082	+143	46	-11	1921	124	1925	19	1921	0	0
	Eskdalemuir ...	9	13	4	2	2	13.0	26	1114	-87	64	-64	1910	194	1914	85	1926	11	6	8	5	0	0	15	7	1588	+159	73	-13	1910	191	1925	20	1918	0	0
13B	Stornoway ...	5	11	8	3	3	13.8	25	1299	+84	105	-45	1881	216	1902	105	1933	15	7	6	1	1	0	18	9	1092	-174	45	-32	1870	172	1904	10	1891	0	0
15	Aberdeen ...	11	9	4	3	3	~~10.9~~ 11·5	~~28~~ 30	1432	+103	81	-63	1881	235	1906	90	1923	14	9	6	1	0	0	9	3	667	-81	27	-21	1871	166	1934	10	1912	0	0
18	Aldergrove ..	9	12	7	2	0	8.4	12	1204	*	57	*	1927	176	1936	95	1933	14	4	7	5	0	0	13	9	1020	+182	66	+12	1926	75	1932	19	1936	0	0
19	Dublin ... (Phœnix Park)	9	9	6	5	1	9·7	12	1303	-134	81	-78	1881	238	1914	101	1905	14	6	9	1	0	0	9	3	838	+133	39	-7	1865	98	1877	10	1873	0	0
	Birr Castle ...	5	15	6	4	0	8·2	{12. 18.	1177	-129	70	-82	1881	245	1914	89	1905	14	3	8	4	1	0	17	9	969	+140	67	+12	1862	121	1894	18	1890	0	0
20	Valentia ... (Cahirciveen)	7	11	5	3	4	10·3	30	1306	-62	100	-61	1880	258	1887	75	1905	9	5	10	5	1	0	17	19	1473	+59	85	-8	1866	167	1901	28	1893	0	0

MINIMUM SURFACE HUMIDITY.

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

Stations.	95 to 100 %	90 to 94 %	80 to 89 %	70 to 79 %	60 to 69 %	50 to 59 %	40 to 49 %	30 to 39 %	20 to 29 %	0 to 19 %
London (Kew)	0	0	1	6	8	7	7	1	0	0
Ross-on-Wye ...	0	0	3	3	12	6	4	1	1	0
Falmouth (Obsy.)	7	5	6	3	3	0	0	0	0	0
Renfrew ...	0	0	4	11	8	4	2	1	0	0
Eskdalemuir ...	0	0	5	5	10	5	3	1	0	1
Aberdeen ...	2	4	5	5	4	8	2	0	0	0
Valentia ...	0	0	9	5	10	6	0	0	0	0

STATE OF GROUND AT 18 h.

No. of Days each type was recorded.

Stations.	0	1	2	3	4	5	6	7	8	9
London (Kew)	1	26	3	0	0	0	0	0	0	0
Ross-on-Wye	5	25	0	0	0	0	0	0	0	0
Renfrew ...	13	17	0	0	0	0	0	0	0	0
Eskdalemuir	3	27	0	0	0	0	0	0	0	0
Aberdeen ...	6	24	0	0	0	0	0	0	0	0
Valentia ...	4	26	0	0	0	0	0	0	0	0

CODE for State of Ground.

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

** In extremes of rainfall the short period returns from Inchkeith are supplemented by those from Leith, and extremes of rainfall and sunshine from Calshot by those from Southampton.

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

PRESSURE: ICELAND TO GULF OF LIONS APRIL, 1937.

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 19h. are plotted consecutively and joined to shew the variation of pressure from day to day at any point in the line. The line terminates at Lat. 66° N., Long. 18° W., in the north; at Lat. 44½° N., Long. 4° E., in the south.

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

G.345/3273. Wt.9025. 0.4518. Up.308. 1040. 5/37.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 1st April, 1937.
No. 27524.

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. (6)	%Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1018·9	−16	SE	3	z₀	50	45	6	-	-	2	0	7-8	-
	Croydon ...	1018·6	−18	SE'E	3	c	52	45	7	-	-	8	0	7-8	-
	S. Farnborough	1018·8	−18	SE'E	3	bc	52	46	6	1	-	2	tr	4-6	4000
	Boscombe Down	1018·7	−14	SE	4	bc	49	65	6	7	-	9	1	4-6	4000
	Calshot (Sthmtn.)	1019·2	−12	E'S	4	z₀	45	75	6	7	3	6	1	7-8	4000
	Lympne ...	1019·9	−16	E	3	bc	47	55	7	7	-	6	1	4-6	-
	Manston ...	1020·0	−16	ENE	3	bc	45	65	6	-	-	6	0	4-6	-
2	Shoeburyness ...	1020·2	−18	E	3	c	46	75	6	-	-	6	0	7-8	-
	Felixstowe ...	1020·7	−18	E	3	z₀	47	65	6	-	-	8	0	2-3	-
	Gorleston ...	1021·0	−16	E'S	3	bc	43	75	6	-	4	-	0	2-3	-
	Mildenhall ...	1019·6	−24	SE'S	4	z₀	50	45	6	5	-	6	tr	4-6	4000
	Cranwell ...	1019·8	−22	SE	3	c	46	55	7	7	-	5	4-6	9	4000
3	Birmingham ...	1018·7	−18	SSE	3	bc	44	65	6	1	1	-	2-3	4-6	2500
	Upper Heyford	1018·8	−22	S'E	3	z₀	49	55	6	5	-	8	1	9	5700
4	Ross-on-Wye	1017·2	−14	S'E	3	c	50	55	7	1	4	2	2-3	7-8	4000
5	Portland Bill ...	1017·8	−6	SE	4	c	46	75	7	4	-	-	9-	9	2500
	Plymouth ...	1016·1	−14	SE'S	4	c	49	65	8	5	7	-	1	9	2500
	The Lizard ...	1014·8	−8	ESE	5	c	47	85	8	4	2	-	7-8	10	2500
	Scilly (St.Mary's)	1012·7	−12	S	6	r₀r₀	47	92	7	8	2	-	4-6	10	1500
	Guernsey ...	1018·4	−12	SE'S	2	bc	49	65	6	-	1	-	0	4-6	-
6	Pembroke ...	1013·6	−10	SSE	5	q	47	75	7	5	2	-	4·6	9+	2500
7	Holyhead ...	1014·6	−8	S'E	4	c	48	65	8	5	-	-	9+	9+	4000
	Chester(Sealand)	1017·8	−4	SE'E	5	z₀	47	55	6	5	7	-	7·8	9	4000
8	Manchester ...	1018·5	−18	SSE	4	z₀	45	55	7	7	-	6	2-3	9	2500
10	Spurn Head ...	1021·0	−16	SE'E	5	bc	44	75	6	-	3	4	0	4-6	-
	Catterick ...	1019·2	−16	SSE	4	c	42	65	7	5	-	-	9+	9+	4000
	Tynemouth ...	1019·3	−18	SSE	4	c	41	75	6	5	-	-	9+	9+	2500
11	Inchkeith ...	1017·7	−10	S	2	c	44	75	7	5	-	5	4-6	9+	2500
	Leuchars ...	1017·8	−6	S	4	c	46	55	7	7	7	-	4-6	9+	4000
12	Renfrew (Abbots I.)	1016·0	−10	ESE	1	z₀	43	65	5	7	-	-	10	10	7200
	Eskdalemuir ...	1017·2	−10	SSE	4	c	43	65	6	5	1	6	4-6	9+	2500
	Point of Ayre...	1015·6	?	S'E	5	c	46	97	7	-	4	-	0	7-8	-
13A	Tiree	1009·8	−2	SSE	7	rr	42	92	6	6	2	-	9	10	1500
13B	Stornoway ...	1009·8	+4	S	8	c/pr	43	85	7	5	2	-	7-8	10	1500
15	Dalwhinnie ...	1015·7	−6	SE	4	c	39	97	7	4	2	1	2-3	9+	2500
	Aberdeen ...	1019·0	0	SSE	4	c	41	65	6	5	1	-	4-6	9+	1500
	Wick ...	1014·8	0	SSE	8	c	44	92	6	5	1	1	4-6	7-8	800
16	Lerwick ...	1017·4	−2	SSW	8	c	41	75	7	8	7	-	7-8	9	800
17	Blacksod Point	1005·3	−6	SSE	3	c	50	85	8	8	-	-	10	10	800
18	Malin Head ...	1008·7	−4	S	4	jp id₀	44	97	6	9	1	-	7-8	9+	1500
	Aldergrove ...	1012·2	−6	SSE	4		43	92	6	5	2	-	9+	10	1500
19	Birr Castle ...	1008·2	−10	S	3	r₀	46	92	7	6	2	-	4-6	10	1500
20	Valentia Obsy. †	1006·9	0	S'E	4	c	52	92	7	5	2	-	7-8	10	450
	Roches Point	1008·6	−14	SSE	7	d d	47	97	5	5	-	-	10	10	450

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1016·8	0	SSE	2	z₀	49	55	5	5	-	1	4-6	4-6	1500	1	*
	Croydon ...	1016·8	−2	S	3	bc	50	45	6	-	4	8	0	4-6	-	1	*
	S. Farnborough	1016·6	−2	S'E	3	bc	47	56	6	-	-	9	c	4-6	-	1	*
	Boscombe Down	1016·5	−2	SE'S	3	z₀	43	75	6	-	7	9	0	2-3	-	1	*
	Calshot (Sthmtn.)	1016·9	−6	E'S	3	z₀	45	92	6	-	-	8	0	4-6	-	1	2
	Lympne ...	1017·9	−8	E'N	2	z₀	42	75	6	-	-	6	0	7-8	-	0	§ 2
	Manston ...	1017·3	−10	E'S	3	bc	42	75	6	-	-	6	0	4-6	-	0	*
2	Shoeburyness ...	1017·7	−6	E	3	c	43	75	6	-	-	6	0	9	-	1	*
	Felixstowe ...	1018·5	−10	E	2	z₀	42	75	6	5	7	4	tr	4-6	4000	1	2
	Gorleston ...	1018·8	−20	E'N	3	bc	42	75	6	-	5	-	0	2-3	-	1	2
	Mildenhall ...	1017·8	−10	SE'S	3	c	46	55	7	-	-	6	0	7-8	-	0	*
	Cranwell ...	1017·1	−10	SSE	2	c	46	65	7	-	-	6	0	9+	-	1	*
3	Birmingham ...	1016·1	−6	SSE	2	bc	47	55	6	-	-	1	0	4-6	-	1	*
	Upper Heyford	1016·8	0	S	1	z₀	47	65	6	-	3	8	0	7-8	-	0	*
4	Ross-on-Wye	1015·3	−8	S'E	2	z₀	47	65	6	-	1	6	0	7-8	-	1	*
5	Portland Bill ...	1015·2	−16	ESE	4	c	45	85	7	4	-	-	10	10	2500	1	3
	Plymouth ...	1014·1	−12	ESE	3	c	46	65	7	5	7	-	4-6	10	7200	1	2
	The Lizard ...	1012·2	−8	E'S	4	c	47	85	7	4	2	-	9	10	2500	1	3
	Scilly (St.Mary's)	1010·5	−12	S	5	c	47	92	7	5	-	-	10	10	1500	1	3
	Guernsey ...	1015·4	−6	ESE	1	c	48	75	7	-	3	-	0	7-8	-	1	2
6	Pembroke ...	1012·8	0	SSE	5	q	45	75	7	5	2	-	7-8	10	2500	1	3
7	Holyhead ...	1013·5	−6	S	4	c	47	75	7	5	2	-	4-6	10	4000	0	3
	Chester(Sealand)	1015·5	−6	ESE	3	z₀	46	65	6	5	7	3	2-3	7-8	5700	1	*
8	Manchester ...	1016·2	−6	SSE	3	z₀	46	55	5	5	3	8	1	4-6	4000	1	*
10	Spurn Head ...	1017·3	−16	ESE	6	q	41	86	6	-	3	8	0	9	-	0	4
	Catterick ...	1016·3	−12	SSE	2	c	44	65	7	-	-	6	0	7-8	-	1	*
	Tynemouth ...	1017·8	−10	S	4	c	40	85	7	4	-	-	7-8	7-8	2500	1	2
11	Inchkeith ...	1014·6	−6	SSE	3	c	43	85	6	5	-	-	9	9	1500	0	2
	Leuchars ...	1015·9	−8	SE	3	c	42	85	6	5	7	-	Tr	9+	2500	1	*
12	Renfrew (Abbots I.)	1014·2	−8	S'W	2	z₀	46	55	5	5	7	-	10	10	4000	0	*
	Eskdalemuir ...	1015·2	−4	SSE	3	c	41	65	6	-	7	8	0	7-8	-	1	*
	Point of Ayre...	1014·0	−8	S'E	4	c	44	97	7	-	7	-	0	10	-	0	3
13A	Tiree	1009·1	−4	SSE	6	Dr	42	92	6	-	2	-	10	10	1500	1	5
13B	Stornoway ...	1009·5	−4	S	8	rr	43	85	6	5	2	-	7-8	10	1500	1 5	6 3
15	Dalwhinnie ...	1014·9	+2	SE	3	c	39	97	7	4	6	-	10	10	2500	7	*
	Aberdeen ...	1017·4	−6	SSE	5	c	41	75	6	6	7	-	7-8	9+	1500	1	3
	Wick ...	1014·0	0	SSE	8	c	42	97	6	5	9	-	7-8	10	800	1	4
16	Lerwick ...	1017·5	0	SSW	8	c	42	75	7	8	2	-	7-8	9+	800	0	*
17	Blacksod Point	1006·4	+4	S	3	c	48	92	7	5	3	-	7-8	7-8	800	1	3
18	Malin Head ...	1007·9	−2	S	4	c/r	44	97	7	9	1	-	7-8	10	1500	1	2
	Aldergrove ...	1010·9	−6	SSE	5	z₀	45	85	6	5	7	-	2-3	10	2500	1	*
19	Birr Castle ...	1008·5	−4	S	2	r₀r₀	46	97	7	6	2	-	7-8	10	1500	1	*
20	Valentia Obsy. †	1007·5	+6	S	3	c	51	92	7	5	-	-	9	9	450	1	3
	Roches Point	1008·5	+2	S	6	qr	47	97	6	5	-	-	10	10	800	1	5

PAST 24 HOURS.

District	Stations. (For heights see p. 4.)	Weather. 7h.—13h. 31st... (37)	Weather. 13h.—18h. 31st... (38)	Weather. 18h. 31st. to 1h. 1st... (39)	Weather. 1h.—7h. 1st... (40)
1	London (Kew)	cz₀y	cbcyz₀	bcbmx	fxFF
	Croydon ...	bczycq	c⊕bcyz₀	bm·x	bm·FFx
	S. Farnborough	bcz₀y	z₀bcy	bcybm·x	bmxof
	Boscombe Down	cbc	bcm·bm	b'm·	bcm·cm·
	Calshot (Sthmtn.)	c	cm·bcm·	b'm·bwm	wbcm·
	Lympne ...	bz₀bcy	bcy	bcz·bm·	bm·xcm·
	Manston ...	bz₀	bcz₀	bcbm·w	bbcxcm
2	Shoeburyness ...	bcm·cz₀	cbccz₀	cm·bxc	mfeFe
	Felixstowe ...	c, bz₀	b, bcz₀	bcz·bcm	bcmcm
	Gorleston ...	bcz₀	bcbbc	bccz·	cz·z·
	Mildenhall ...	cbc	bccbcy	bcb	b,oFFx
	Cranwell ...	c	cybcc	cbcbx	bxfcFe
3	Birmingham ...	cbc	bc	bc	bcbfx
	Upper Heyford	cz₀	cbcz₀	bcm·m	bcmx
4	Ross-on-Wye	c	cybcy	cz·bcz₀	cm·
5	Portland Bill ...	c	c	c	c
	Plymouth ...	c	c	c	cbcwm·
	The Lizard ...	c	cpr·c	c	c
	Scilly (St.Mary's)	cr₀	ir₀d·c	cr₀odd	odid
	Guernsey ...	cbc	bcc	cbc	bcc
6	Pembroke ...	cq	cqpr₀	oqrrm·o	cqm·
7	Holyhead ...	c	c	cr·rm·	cr·rm·bc
	Chester(Sealand)	cm·z4	cbz·	cbcm·x	bbcm·x
8	Manchester ...	cz₀cy	cybcz₀	bcbm	bm
10	Spurn Head ...	ocbc	bccq	q cbc	bcwcr
	Catterick ...	c	cbc	b'cbw	bwovr
	Tynemouth ...	c	c	bcc	bcmff
11	Inchkeith ...	c	c	c	z₀c
	Leuchars ...	cz₀ccy	cyc	cbc	bccom·
12	Renfrew (Abbots I.)	cm·ir₀	cmzy	cyz₀	cbcm·
	Eskdalemuir ...	cxcm·	cbc	b'cbz₀	bccm·
	Point of Ayre...	oc	co	c	ozc
13A	Tiree	orr	orrir	orr	oird
13B	Stornoway ...	cpr₀	cr·r₀	r·r₀c	cp·r·
15	Dalwhinnie ...	c	c	c	c
	Aberdeen ...	bccz₀	cz₀	cz	cz₀
	Wick ...	cm·m₀	cm·m₀	cm·m·	cm·m·
16	Lerwick ...	c	c	c	c
17	Blacksod Point	pr₀c	pr₀c	cbc	pr₀c
18	Malin Head ...	cdr₀	cr·r₀	crrc	c
	Aldergrove ...	cr₀d·m·	cdd m₀c	cm·cm	cir·m·
19	Birr Castle ...	rrir₀	r·r·r₀	cr·r₀c	c
20	Valentia Obsy. †	ir₀ird·d·c	c	cbcbw	bwbcc
	Roches Point	odd	drdr	idro	odd

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

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 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 . . Ground dry.
1 . . ,, wet.
2 . . ,, flooded.
3 . . ,, frozen hard and dry.
4 . . ,, partly covered with snow or hail.
5 . . ,, covered with ice or glazed frost.
6 . . Ground covered with thawing snow.
7 . . ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 . . ,, covered with snow, less than 6 ins., but ground frozen.
9 . . ,, covered with snow greater than 6 ins. deep.

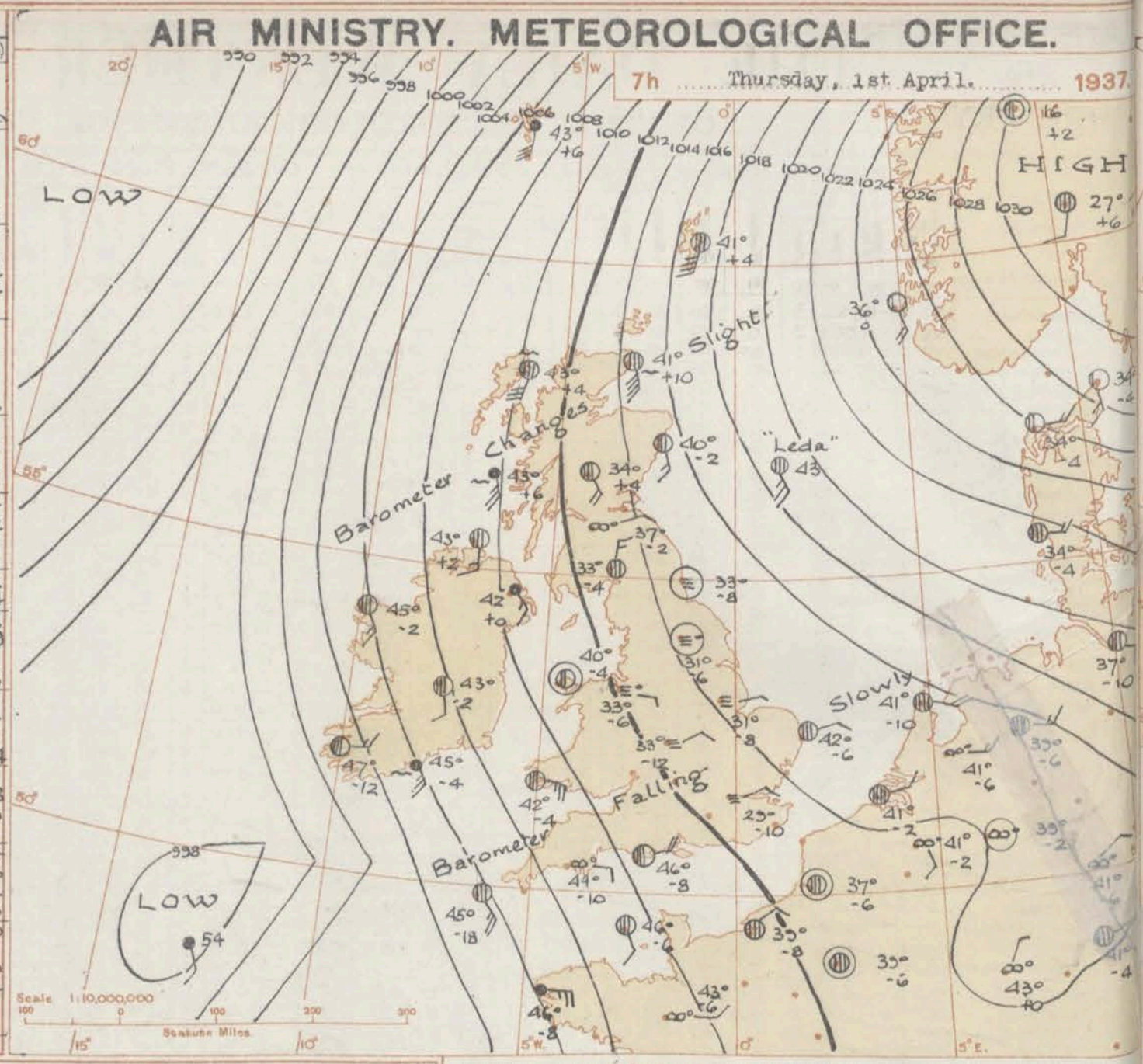
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 31st March 1937.

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (F°). Min. 9h. 30th to 9h. 31st	Temperature (F°). Max. 9h.—17h. 31st	Rainfall (mm). Night. 17h. 30th to 9h. 31st	Rainfall (mm). Day. 9h.—17h. 31st	Sunshine (Hrs). Sunrise to 17h. 31st	Sunshine (Hrs). Sunrise to Sunset. 30th.
1	Tunbridge W.	bbc	bbc	26	53	–	–	8·7	0·0
	Bournemouth	b	b	40	51	–	–	9·6	9·7
	Ventnor ...	cb	bobz	39	50	–	–	8·7	8·7
	Southsea ...	bcb	b	40	49	–	–	7·5	5·7
	Bognor Regis	bcbc	bcbcb	39	48	–	–	8·0	5·3
	Littlehampton	b	b	40	48	–	–	8·8	3·5
	Worthing ...	b	b	39	48	–	–	9·0	2·2
	Brighton ...	b	bcbc	37	49	–	–	9·7	0·4
	Eastbourne† ...	b	b	36	50	–	–	9·9	3·4
	Hastings† ...	b	bbcb	34	49	–	–	10·5	3·6
	Folkestone ...	bz₀b	bbc	35	47	–	–	9·8	3·2
	Dover ...	m₀b	bbc	35	48	–	–	11·2	3·2
	Deal	b	b	35	50	–	–	9·3	3·3
	Ramsgate ...	bc	bbcm	39	45	–	–	10·0	3·0
	Margate ...	bc	bc	37	47	–	–	10·0	2·6
2	Southend ...	cb	b	38	49	–	–	10·2	1·7
	Maldon ...	b	b	38	47	–	–	9·7	0·8
	Clacton-on-Sea	bc	bc	39	45	–	–	9·0	2·3
	Dovercourt ...	bm	bc	40	47	–	–	9·6	3·9
	Lowestoft ...	b	b	36	45	–	–	9·7	4·4
	Skegness ...	cbc	bbm₀	39	45	–	–	6·6	4·2
	Mablethorpe...	ocbc	bc	37	45	–	–	5·6	6·6
	Cleethorpes ...	cbc	bc	35	44	–	–	3·6	4·8
3	Leamington S.	cbc	bcc	38	52	–	–	6·0	0·2
4	Cheltenham†	c	cbcm₀	35	51	–	–	3·9	2·4
5	Bath	cbcb	bbcc	37	53	–	–	6·3	6·6
	Weymouth ...	bc	cbc	41	49	–	–	5·3	10·3
	Jersey ...	bc	bc	39	53	–	–	8·8	6·1
	Torquay ...	bc	bcz₀	42	50	–	–	4·4	9·6
	Penzance ...	c	cp₀c	44	49	–	Trace	0·0	4·3
	St. Ives ...	c	c	43	48	–	–	0·0	2·4
	Bude... ...	c	c	41	50	–	–	1·1	7·8
	Ilfracombe ...	bccbc	occo	40	52	–	–	1·9	9·4
6	Aberystwyth	cbcc	c	39	52	–	–	2·4	9·1
7	Llandudno ...	cbc	c	38	51	–	–	2·2	9·3
	Colwyn Bay...	bccbc	bcco	37	50	–	–	1·7	9·0
	Rhyl	cz₀bc	bcc	36	50	–	–	3·3	5·6
8	Wallasey ...	bc	bc	37	50	–	–	5·2	1·4
	Southport ...	ocz	cbcz	35	49	–	–	4·7	0·6
	Blackpool ...	c	cbcc	36	48	–	–	4·7	2·4
	Morecambe ...	ccbbc	bccbc	35	49	–	–	4·5	3·9
9	Ilkley... ...	c	c	35	46	–	–	0·3	0·0
	Harrogate ...	c	cbc	36	45	–	–	0·8	0·1
10	Berwick-on-T.	c	c	33	43	–	–	2·9	0·0
11	Dunbar ...	bcxm₀	bcm₀	35	46	–	–	1·8	2·4
12	Troon... ...	xbcc	ccoc	34	46	–	–	0·0	6·9
	Douglas ...	cbz	cbz	38	46	–	–	3·8	8·2

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



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
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, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light southeast winds; fair; local morning fog; average day temperature.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Fresh southeast winds, veering south; cloudy; occasional rain; average temperature.
10 N.E. England 11 S.E. Scotland	Light south winds; fair; average temperature.
12 S.W. Scotland & Isle of Man.	Fresh southeast winds; cloudy, occasional rain later; average temperature.
13 A. W. Scotld. B.N.W.Scotland. ▼	South winds, strong to gale, moderating; occasional rain; average temperature.
14 Mid Scotland 15 N. E. Scotland ▼ 16 Orkney and Shetland ▼	
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Fresh southeast to east winds; occasional rain; average temperature.

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

GENERAL INFERENCE.

A secondary depression southwest of Ireland is moving north-northeast. There will be occasional rain in the Southwest and Western areas. Weather will continue fair in the Southeast and East.

FURTHER OUTLOOK.

Unsettled in the West; mainly fair in the East.

Times of issue of Gale Warning.

▼ South cone hoisted at 0815 on 30th in district 13B

▼ South cone hoisted at 1415 on 30th in districts 15 and 16.

Forecasts issued at 1015 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.
Director.

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

Morning of

THURSDAY
1ST APRIL.

1937.

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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 1st April, 1937.
No. 27524.

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	1015·0	-10	-	0	z.	33	85	6	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthm'n.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1015·4	-14	E'N	3	z.	35	85	6	-	-	-	0	0	-
	Manston ...	142	1015·0	-14	E	2	z.	37	92	6	-	-	-	0	0	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1016·0	-14	E'N	2	c	41	85	6	5	-	-	7-8	7-8	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1012·7	-6	ESE	3	c	45	92	7	4	-	-	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1010·8	-6	ESE	3	c	46	75	7	5	-	-	10	10	2500
	Scilly (St.Mary's)	163	1009·3	-8	SSE	5	dd	45	92	6	5	-	-	10	10	1500
	Guernsey ..	175	1013·0	-14	SSE	1	bc	45	85	6	-	3	-	0	4-6	-
6	Pembroke ...	142	1011·9	-6	SE'S	5	rr	43	85	6	5	-	-	10	10	2500
7	Holyhead ...	26	1012·6	-10	SE'S	2	r	43	85	6	5	2	-	10	10	4000
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1015·9	-10	SE	3	bc	40	92	7	-	1	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1016·8	0	S	2	bc	37	92	6	5	-	-	4-6	4-6	800
11	Inchkeith ...	100	1014·7	-2	SSE	2	c	37	92	6	5	-	-	7-8	7-8	1500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1013·7	0	S	3	c	42	97	6	-	7	-	0	10	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1009·6	0	S	6	rorr	43	85	6	5	2	-	7-8	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1013·7	0	SSE	8	c	40	97	6	5	1	-	7-8	9	800
16	Lerwick ...	156	1017·5	0	SSW	8	c	40	75	7	8	2	-	7-8	10	800
17	Blacksod Point	18	1006·6	0	-	0	b	44	97	8	-	-	-	0	0	-
18	Malin Head ...	84	1008·0	+8	S	3	c	44	97	7	9	2	-	7-8	9	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1006·3	-6	-	0	f	44	97	2	*	*	*	10	10	<150
	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)
1013·0	-6	ENE	2	F	36	97	1	-	-	-	10	10	<150	1	*
1013·0	-10	ENE	2	F	29	97	1	-	-	-	0	0	-	1	*
1012·7	-10	E	1	F	31	97	1	-	-	-	10	10	<150	3	*
1012·2	-12	E'N	3	z.	35	97	5	-	7	9	0	7-8	-	1	*
1011·7	-10	E'N	3	z.	41	92	5	-	3	6	0	4-6	-	1	2
1013·7	-10	NEE	2	m	39	92	4	5	-	-	10	10	4000	1	§2
1013·4	-6	ENE	1	m	40	97	4	5	-	7	4-6	10	5700	1	*
1013·8	-10	NNE	1	F	37	97	1	-	-	-	10	10	<150	1	*
1014·1	-6	NE	1	m	40	97	4	5	3	-	7-8	10	4000	1	2
1014·7	-6	ENE	1	c	42	92	5	5	-	-	10	10	2500	0	2
1014·1	-6	E	1	F	32	97	1	*	*	*	10	10	<150	1	*
1014·7	-8	E'N	1	F	31	97	1	6	-	-	10	10	220	1	*
1013·2	-12	ENE	2	f	33	97	3	-	3	1	0	2-3	-	1	*
1013·5	-12	ENE	2	m	31	97	4	-	3	8	0	4-6	-	0	*
1012·3	-8	E'N	2	z.	36	85	5	-	3	-	0	9	-	1	*
1010·3	-8	E	4	c	46	92	7	4	-	-	10	10	2500	1	3
1009·0	-10	E'S	2	z.	44	92	6	1	3	6	Tr	7-8	5700	1	2
1007·0	-12	E'N	5	c	47	85	7	4	2	-	9	10	1500	1	3
1005·3	-18	SE	5	c	45	92	7	5	-	-	10	10	1500	1	3
1010·5	-6	SE'S	2	c	46	85	7	5	5	2	4-6	9	5700	0	2
1008·7	-4	ESE	5	q	42	85	6	5	-	-	9+	9+	2500	1	3
1010·8	-4	-	0	bc	40	92	7	5	3	-	1	2-3	4000	0	1
1012·8	-6	ESE	1	m	33	92	4	-	3	-	0	4-6	-	1	*
1013·6	-6	NE	2	m	34	85	4	-	4	-	0	1	-	1	*
1014·8	-14	ESE	3	z.	41	97	5	5	6	-	4-6	9+	220	1	3
1015·1	-6	-	0	m	31	97	4	5	-	-	10	10	1500	1	*
1015·3	-8	-	0	f	33	97	2	5	-	2	4-6	4-6	800	3	1
1014·7	-2	E	3	c	37	97	6	5	-	-	7-8	7-8	1500	0	1
1015·5	0	ESE	2	o	37	92	5	5	-	-	10	10	1500	1	*
1013·4	-2	ENE	2	z.	37	85	5	-	3	-	0	4-6	-	0	*
1014·3	-4	NNE	3	c	33	92	5	5	-	2	1	9+	800	3	*
1012·1	-8	SE	4	z.	41	97	6	-	4	-	0	7-8	-	0	2
1008·6	+6	SSE	5	id.	43	92	7	5	-	-	9+	9+	1500	1	4
1009·9	+4	SSW	6	c	43	85	6	5	7	-	7-8	9+	2500	1	4
1014·4	+4	SE	4	c	34	85	5	4	2	-	4-6	10	1500	4	*
1015·8	-2	SSE	3	c	40	85	6	5	7	-	4-6	9+	1500	1	23
1014·0	+10	SSE	8	c	41	97	6	5	9	-	7-8	10	800	0	4
1017·6	+4	SSW	8	c	41	75	7	5	2	-	7-8	10	800	0	*
1006·1	-2	SE	3	c	45	92	8	9	-	-	7-8	7-8	800	1	3
1008·8	+2	S	3	c	43	97	7	5	-	-	9	9	1500	1	1
1010·4	0	SE'S	3	ir.	42	92	6	5	7	-	7-8	9+	1500	1	*
1007·7	-2	S	2	c	43	92	8	5	-	-	10	10	2500	1	*
1003·6	-12	E	3	c	47	85	9	4	-	2	4-6	7-8	2500	1	3
1006·1	-4	SSE	5	dd	45	97	5	5	-	-	10	10	450	1	4

PAST 24 HOURS.

Temperatures. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 31st Hrs. (36)
53	30	22	-	Tr	9·6
54	28	24	-	-	9·2
53	25	17	-	Tr	8·4
50	33	32	-	-	6·9
46	39	38	-	-	7·4
49	34	26	-	-	10·1
46	34	28	-	Tr	10·3
47	31	24	-	-	10·4
47	33	21	-	-	9·6
43	41	38	-	-	11·0
51	28	22	-	Tr	8·6
51	24	16	-	-	4·9
49	33	23	-	-	5·8
52	30	27	-	-	*
53	34	25	-	-	3·2
47	43	*	-	-	*
50	43	41	-	-	2·1
48	45	*	Tr	-	*
49	44	*	1	3	0·0
51	44	38	-	-	6·9
48	41	*	Tr	2	0·0
49	39	29	-	Tr	0·0
51	33	26	-	-	5·1
48	33	25	-	-	2·5
44	38	*	-	-	4·0
45	31	29	-	-	0·6
42	33	28	-	-	0·0
46	35	31	-	-	6·2
46	35	31	-	-	1·5
47	36	34	Tr	-	0·0
46	30	26	-	-	1·2
49	40	*	-	-	0·3
42	41	41	3	5	0·0
44	42	*	0·2	1	0·0
43	33	32	-	-	0·3
42	39	37	-	-	3·2
45	39	*	-	-	*
42	39	*	-	-	1·7
50	40	*	0·5	Tr	*
45	42	*	2	3	0·0
45	40	39	0·1	5	0·0
47	43	42	3	2	0·0
53	39	34	3	0·1	0·0
47	45	*	8	3	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	cz.y	cbcyz.	bmxFF	53	30	22	-	Tr	9·0	•	•	2
Croydon	217	bcz.cy⊕	c⊕bcyz.	bm.fFx	54	28	24	-	-	9·2	•	•	3
Greenwich (Royal Observatory)...	149	bc⊕y	c⊕b	bFe	54	31	19	-	Tr	8·8	60	100	1
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	6·8	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	53	35	29	-	-	6·8	60	94	•
Regents Pk. (Botanic Gardens)†...	163	•	•	•	53	33	24	-	-	4·7	65	98	•
Camden Square	110	cb	bbc	•	53	33	24	-	Tr	•	•	98	•
Kensington	80	bcz	bf	•	53	33	26	-	-		At 18h. 65	92	•
Hampstead Observatory	450	bc	bcm	bcom	49	30	24	-	Tr	6·4	•	56	•

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
1·3	19-22h 31st	0·3	12-14h 31st

Kew Observatory. Max.	Time.	Min.	Time.
1·0	23h 31st	40·1	13h 31st

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 31st March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 1st 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	1016·2	ENE	1	bc	48	1013·5	-	0	c	39	54	37	-	-
Brussels	1017·4	NNE	1	c	46	1013·4	SE	2	z.	41	48	39	-	-
Berlin	1024·3	E	5	c	45	1020·1	E	3	c	36	48	34	-	-
Zürich	1017·4	NNE	1	o	41	1013·9	WNW	1	z.	36	43	34	-	-
Rome	1006·5	NNW	2	c	54	1004·7	NE	2	bc	54	*	*	4	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 —Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 2nd April, 1937.
No. 27525.

OBSERVATIONS at 13h. G.M.T. 1st 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)	1009·3	−22	ESE	2	bc	52	45	5	2	-	-	2-3	2-3	2500
	Croydon ...	1009·9	−18	ENE	3	z_o	55	46	6	2	3	2	2-3	7-8	4000
	S. Farnborough	1009·0	−30	E'S	2	z_o	51	55	6	5	-	-	9+	9+	4000
	Boscombe Down	1008·2	−26	SE	5	z_o	53	55	7	7	-	-	4-6	4-6	4000
	Calshot (Stlmtn.)	1009·0	−22	ESE	4	bc	49	85	7	1	-	4	1	4-6	4000
	Lympne ...	1010·5	−22	NE	3	z_o	47	66	5	-	3	-	0	9+	-
	Manston ...	1010·2	−22	E'S	2	z_o	46	75	6	-	3	-	0	9+	-
2	Shoeburyness ...	1010·7	−16	E	2	c	48	75	6	5	-	-	9+	9+	7200
	Felixstowe ...	1011·3	−20	NE'E	2	z_o	47	85	5	5	-	-	10	10	5700
	Gorleston ...	1011·6	−14	NE'E	3	c	44	85	5	5	-	-	9+	9+	2500
	Mildenhall ...	1011·0	−24	E	3	z_o	48	65	5	5	-	-	10	10	2500
	Cranwell ...	1011·1	−26	E'S	3	c	50	57	7	7	3	-	4-6	7-8	2500
3	Birmingham ...	1010·3	−22	SE	3	bc	48	56	6	1	-	-	2-3	2-3	2500
	Upper Heyford	1010·5	−22	NE	2	z_o	51	65	5	1	-	-	4-6	4-6	4000
4	Ross-on-Wye	1007·6	−26	E	3	z_o	54	45	6	1	-	-	1	1	4000
5	Portland Bill ...	1007·1	−20	E	4	c	48	75	7	4	-	-	7-8	7-8	2500
	Plymouth ...	1005·2	−16	SE'E	4	c	50	65	7	5	7	-	2-3	9+	4000
	The Lizard ...	1002·2	−20	E	5	r_o	47	86	7	5	-	-	10	10	1500
	Scilly (St. Mary's)	999·4	−34	SE'E	6	ir_o	46	92	7	5	2	-	7-8	10	1500
	Guernsey ...	1006·5	−24	SE	3	c	51	65	7	-	2	-	0	10	-
6	Pembroke ...	1004·4	−18	SE'E	6	q	50	75	5	-	6	-	0	Tr	-
7	Holyhead ...	1007·5	−20	SSW	2	bc	55	55	7	1	3	5	Tr	2-3	4000
	Chester (Sealand)	1009·5	−28	E'S	4	z_o	52	45	6	-	7	-	0	4-6	-
8	Manchester ...	1010·3	−24	ESE	4	z_o	52	45	6	-	-	4	0	2-3	-
10	Spurn Head ...	1012·6	−14	ESE	4	z_o	43	92	5	5	2	-	7-8	10	800
	Catterick ...	1012·2	−22	ESE	1	z_o	47	75	6	8	-	-	7-8	7-8	2500
	Tynemouth ...	1013·2	−12	ESE	1	0	42	92	6	5	-	-	10	10	800
11	Inchkeith ...	1012·6	−4	NE	2	c	46	85	7	5	-	-	7-8	7-8	2500
	Leuchars ...	1014·1	−10	E	3	c	45	75	6	7	3	-	7-8	9	2500
12	Rentrew (Abbots I.)	1011·0	−22	ENE	4	z_o	48	65	5	5	3	-	2-3	4-6	5700
	Eskdalemuir ...	1011·5	−18	SE'E	4	c	48	55	6	5	-	6	2-3	9+	2500
	Point of Ayre ...	1009·9	−18	SE'S	4	b	47	85	6	-	-	-	0	0	-
13A	Tiree	1009·3	−6	SE	5	bc	47	75	6	5	3	-	2-3	4-6	2500
13B	Stornoway ...	1010·9	+2	S	3	c	46	86	7	5	2	-	4-6	10	2500
15	Dalwhinnie ...		−4	SE	2	c	38	85	6	48	24	-	4-6	10	2500
	Aberdeen ...	1015·4	−6	SE	4	c	42	85	6	5	7	-	4-6	9+	1500
	Wick ...	1014·4	+2	SSE	4	c	43	97	6	5	7	-	7-8	10	800
16	Lerwick ...	1017·9	+4	SSW	8	c	41	85	8	8	2	-	7-8	10	800
17	Blacksod Point	1003·9	−12	SE	4	c	48	85	7	9	-	-	7-8	7-8	800
18	Malin Head ...	1007·6	−8	SE	4	c	48	92	6	8	6	-	4-6	7-8	1500
	Aldergrove ...	1008·4	−14	ESE	4	z_o	48	65	6	-	3	-	0	4-6	-
19	Birr Castle ...	1004·6	−16	S	2	c	52	65	8	5	7	-	7-8	9+	2500
20	Valentia Obsy. †	1000·8	−18	ESE	5	c	50	85	8	5		-	9+	9+	1500
	Roches Point	1002·4	−14	ESE	5	0	47	92	6	5	-	-	10	10	800

OBSERVATIONS at 18h. G.M.T. 1st 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. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Mod. (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)	1006·0	−18	E'N	4	z_o	47	65	5	5	3	2	9	9+	4000	0	*
	Croydon ...	1005·6	−22	E'N	4	z_o	46	75	6	5	3	5	4-6	9	5700	1	*
	S. Farnborough	1005·3	−18	E	3	z_o	47	75	5	5	-	6	1	7-8	5700	1	*
	Boscombe Down	1004·7	−18	SE'E	3	z_o	47	65	7	-	7	1	4-6	4-6	4000	0	
	Calshot (Stlmtn.)	1005·2	−22	E	4	z_o	47	85	6	-	-	6	0	9	-	1	s 3
	Lympne ...	1007·1	−14	ENE	2	z_o	45	75	5	5	3	-	4-6	7-8	5700	1	s 2
	Manston ...	1006·8	−14	E	3	z_o	44	85	5	-	7	-	0	4-6	-	1	*
2	Shoeburyness ...	1007·5	−18	ENE	3	c	44	85	5	2	-	2	7-8	7-8	1500	1	*
	Felixstowe ...	1008·3	−16	NE	2	m	44	92	4	5	-	-	9+	9+	2500	1	2
	Gorleston ...	1008·8	−14	ENE	3	c	43	85	5	5	-	-	9+	9+	2500	0	2
	Mildenhall ...	1007·9	−14	E	3	z_o	46	75	6	5	-	-	9+	9+	7200	0	*
	Cranwell ...	1008·3	−14	E'N	3	z_o	43	85	6	7	-	-	9	9	7200	1	*
3	Birmingham ...	1006·6	−18	ESE	4	z_o	48	55	5	5	-	-	9+	9+	4000	1	*
	Upper Heyford	1005·9	−18	E'S	3	z_o	48	65	6	5	7	-	7-8	10	4000	0	*
4	Ross-on-Wye	1004·5	−16	E	4	z_o	49	55	6	5		-	9	9+	2500	0	*
5	Portland Bill ...	1002·0	−30	ESE	5	c	46	85	7	5	-	-	10	10	2500	1	4
	Plymouth ...	999·9	−22	E	4	r_o	46	85	6	-	2	-	10	10	1500	1	2
	The Lizard ...	995·1	−44	E	7	rr	45	97	6	6	-	-	10	10	800	1	4
	Scilly (St. Mary's)	992·3	−36	SE'E	7	rr	46	97	5	5	-	-	10	10	800	1	4
	Guernsey ...	1002·1	−18	SE'S	3	rr	47	85	6	5	-	-	10	10	2500	1	2
6	Pembroke ...	999·5	−16	SE'E	6	q	48	65	7	5	-	-	9+	9+	2500	1	3
7	Holyhead ...	1003·6	−22	E	4	bc	47	85	6	-	4	-	0	4-6	-	1	2
	Chester (Sealand)	1005·7	−18	E'N	4	z_o	49	55	6	-	7	-	0	4-6	-	0	*
8	Manchester ...	1006·8	−12	E'N	4	m	49	65	4	-	7	4	0	4-6	-	0	*
10	Spurn Head ...	1008·8	−16	E'S	5	0	41	92	6	5	-	-	10	10	800	0	4
	Catterick ...	1009·4	−4	SE'E	3	z_o	43	75	6	5	2	-	9	10	2500	1	*
	Tynemouth ...	1012·0	−8	SE	4	0	41	85	6	5	-	-	10	10	800	1	2
11	Inchkeith ...	1011·2	−6	E	4	c	41	92	7	5	-	-	9+	9+	2500	0	3
	Leuchars ...	1012·4	−8	E	3	0	42	85	6	5	-	-	10	10	1500	1	*
12	Rentrew (Abbots I.)	1009·0	−2	ENE	5	z_o	45	75	5	-	5	9	0	7-8	-	0	*
	Eskdalemuir ...	1009·4	−2	E	4	c	41	85	6	5	3	-	4-6	9+	1500	1	
	Point of Ayre ...	1006·5	−12	ESE	4	c	45	92	6	-	4	7	0	7-8	-	0	2
13A	Tiree	1007·3	−8	ESE	4	bc	45	85	6	5	-	-	4-6	4-6	2500	0	3
13B	Stornoway ...	1005·5	−10	ENE	3	c	47	75	7	-	5	7	0	10	-	1	1
15	Dalwhinnie ...	1012·3	−4	SE	3	c	38	65	7	4	5	7	4-6	9+	2500	4	*
	Aberdeen ...	1013·6	−6	SE'E	4	z_o	41	85	6	5	2	-	7-8	10	800	1	2
	Wick ...	1013·0	−10	SSE	5	c	41	97	6	5	7	-	7-8	10	800	0	3
16	Lerwick ...	1017·3	−2	SSE	6	c	40	85	7	8	7	-	7-8	9	800	-	
17	Blacksod Point	1001·4	−8	SE	3	bc	50	75	7	-	4	-	0	2-3	-	0	2
18	Malin Head ...	1005·2	−12	SE	4	bc	47	85	6	5	-	-	2-3	2-3	2500	0	2
	Aldergrove ...	1005·7	−10	E'N	3	z_o	45	75	6	-	4	-	0	Tr	-	1	*
19	Birr Castle ...	1001·5	−18	S	1	c	51	55	8	5	7	-	7-8	9+	2500	1	*
20	Valentia Obsy. †	997·2	−18	E'N	5	c	50	65	8	5	7	-	7-8	9+	1500	1	3
	Roches Point	998·0	−22	SE	6	ir_o	48	75	6	5	7	-	2-3	9+	1500	1	4

PAST 24 HOURS.

Distrct.	Stations.	Weather. 7h.–13h. 1st (37)	Weather. 13h.–18h. 1st (38)	Weather. 18h. 1st to 1h. 2nd (39)	Weather. 1h.–7h. 2nd (40)
1	London (Kew)	oFbz,c	bz,ucz,	cm,o	cm,o r,o
	Croydon ...	bxFcz,y	cz,o kz,o	cbcz,o w,m	bc w,o r,o
	S. Farnborough	oFbfc,y	cz,o kbc	bcz,o cm,o	om,o r,o o
	Boscombe Down	c, bbc,y	bc,y bc	bc,m,o	co r,o r,o
	Calshot (Stlmtn.)	bc,m b,c	bc,m,o	cm,o bc,m,	cr,o r,o m,o
	Lympne ...	cmm,o	cbcz,o	bcz,m,o	cp,o r,r
	Manston ...	cm,o	cbc,m,o	bc,r,m,o	co r,o r,o m,o
2	Shoeburyness ...	Fec,o	cz,o	cm,o bx	b, r,o r,o c
	Felixstowe ...	cm	cm	cm,o	cir,o m,o
	Gorleston ...	cz,o z,o	cz,o z,o	cz,o z,o	c z,m
	Mildenhall ...	oFF,bm	cz,o	cz,o bc z,o	bc c,z,
	Cranwell ...	oFc,m,	bc,y c,z,o	cm,o	cm,o
3	Birmingham ...	f,bc	b, cz	cbc	bo r,o
	Upper Heyford	bc,m x,f,bc	bc c,z,o y	cz,o b,o m,o	bc a,r,o r,o m,o
4	Ross-on-Wye	cz,bz,	bc,y z,y z,o	cz,o o,z	or r,o
5	Portland Bill ...	c	c	orr	m,r,o r,o z,o
	Plymouth ...	bc m,o y,c	co ir,o r,o	or,o r,o r,R	or ir,o
	The Lizard ...	co r,r	or r,m	or r,o r	om r,r,o
	Scilly (St. Mary's)	c,p, ir,o	or r,m,	or r,d,	c,p,
	Guernsey ...	c,b c,c	c o r,r	or r,d,	d,o ir,o
6	Pembroke ...	c,b c,m,o b	c m,o q	ci R m,o c	c a ir,o
7	Holyhead ...	bc, by	bb c,y	bc c,m,o	m,o ir,o c
	Chester (Sealand)	bc m,o z,y	bc z,o by	bc c,z,o	c z,o
8	Manchester ...	b,m f,z,y	bb c,z,o	bc m	bc c,m
10	Spurn Head ...	m,o c,z	z,o	c	com
	Catterick ...	o m c,m,o	c m,o	c m,o c	c m,o
	Tynemouth ...	bc f,f,o	o	o	o
11	Inchkeith ...	c z,o c	c	co	oc
	Leuchars ...	o m,c m,o	c m,o m,o	o m,o c m,o	m,o r,o r,o
12	Rentrew (Abbots I.)	c b c m,o z,o	by bc z,o	bc z,o m,o	c m,o
	Eskdalemuir ...	c m,o c z,o	c z,o	c m,o	c ir,o c
	Point of Ayre ...	c b e b	b b c c	c b c o	o c
13A	Tiree	c z,o b c	bc z,o	bc z,o	bc c
13B	Stornoway ...	pr,o c	c	bc	b, c
15	Dalwhinnie ...	c	c	*	c
	Aberdeen ...	c z,o c	c z,o	o d,o m,o	cr,o m,o
	Wick ...	c m,o m,o	c m,o m,o	c	cr,o r,o
16	Lerwick ...	c	c	c p,o	c
17	Blacksod Point	bc	bc	c q	c q
18	Malin Head ...	c z z	c b c z	bc z,o z,o	c
	Aldergrove ...	c ir,o b c	b c b z,o	b z,o b c,m,	b c c,m,o
19	Birr Castle ...	c	c y	c	cir
20	Valentia Obsy. †	c p,o c	c	c	ir,o r,o c
	Roches Point	d r d r z,o	o z,o c ir,o	ir,o r r	ir d r d r

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog ,, less than 220 yds.
fs, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. ,, wet.
2 .. ,, flooded.
3 .. ,, frozen hard and dry.
4 .. ,, partly covered with snow or hail.
5 .. ,, covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 .. ,, covered with snow, less than 6 ins., but ground frozen.
9 .. ,, covered with snow greater than 6 ins. deep.

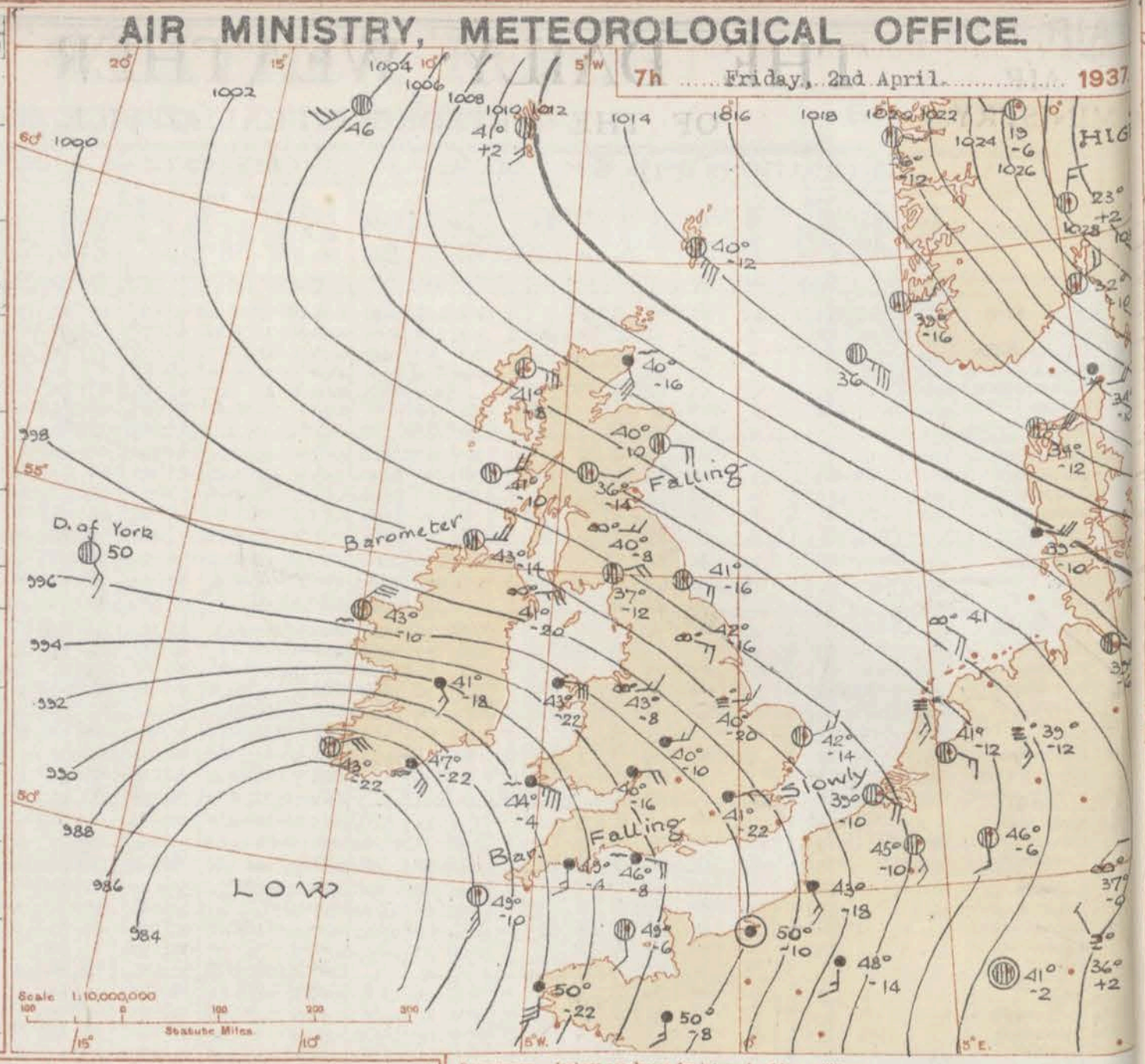
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for Thursday 1st April 1937.

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (F) Min. 9h. 31st to 9h. 1st	Temperature (F) Max. 9h.—17h. 1st	Rainfall (mm) Night. 17h. 31st to 9h. 1st	Rainfall (mm) Day. 9h.—17h. 1st	Sunshine (Hrs) Sunrise to 17h. 1st	Sunshine (Hrs) Sunrise to Sunset. 31st.
1	Tunbridge W.	bc	bccbc	29	54	Trace	-	6·6	9·3
	Bournemouth	bcbb	bbc	36	53	-	-	5·7	9·2
	Ventnor ...	bz	bbcz	42	54	-	-	7·4	8·9
	Southsea ...	b	bbc	38	53	-	-	8·6	7·7
	Bognor Regis	bcb	bcbcc	37	50	-	-	8·0	8·7
	Littlehampton	b	bbc	32	52	-	-	8·6	9·5
	Worthing ...	b	bbc	34	51	-	-	8·6	9·7
	Brighton ...	b	bcb	35	53	-	-	8·7	10·7
	Eastbourne† ...	bcb	bbcc	34	49	-	-	8·8	10·7
	Hastings† ...	bcbc	bcbcc	38	51	-	-	7·8	11·4
	Folkestone ...	om₀c	cbbc	38	48	-	-	3·0	9·8
	Dover ...	moc	cbm	35	48	-	-	4·1	11·5
	Deal	c	obb	34	50	-	-	2·5	9·6
	Ramsgate ...	c	cbc	42	47	-	-	0·6	10·0
	Margate ...	c	c	41	47	-	-	0·6	10·3
2	Southend ...	cfm	cbcz	34	51	Trace	-	0·2	10·2
	Maldon ...	fo	o	32	49	-	-	0·0	9·7
	Clacton-on-Sea	fm	cm	38	46	-	-	0·0	9·3
	Dovercourt ...	ofm	of	35	47	-	-	0·0	9·2
	Lowestoft ...	c	c	38	46	-	-	0·0	10·2
	Skegness ...	cm₀o	om₀	34	44	-	-	0·0	6·1
	Mablethorpe...	om₀	om₀	32	44	-	-	0·0	5·6
	Cleethorpes ...	cf	c	33	44	-	-	0·0	3·8
3	Leamington S.	b	bcco	31	52	-	-	7·9	6·0
4	Cheltenham†	bqbc	bcc	35	54	-	-	8·1	4·1
5	Bath	bcb	bbcc	35	55	-	-	8·3	6·3
	Weymouth ...	cbz	bc	39	50	-	-	4·1	5·3
	Jersey ...	bc	bcor	44	54	-	0·1	4·3	8·9
	Torquay ...	cbc	bccoq	45	51	-	-	2·4	4·4
	Penzance ...	c	crqrr	46	50	0·5	4	0·1	0·0
	St. Ives ...	c	r	45	50	-	2	0·0	0·0
	Bude... ...	bc	cor	43	54	-	0·3	0·6	1·1
	Ilfracombe ...	cbc	bcco	43	55	-	-	3·6	1·9
6	Aberystwyth	cbc	cbc	39	55	-	-	1·2	2·4
7	Llandudno ...	bbc	bcz₀	38	53	-	-	6·7	2·2
	Colwyn Bay...	bbcb	bcbcb	37	53	-	-	7·7	1·7
	Rhyl	m₀bcc	cbcz	37	53	-	-	7·2	3·3
8	Wallasey ...	mcb	bcm	37	53	-	-	6·5	5·2
	Southport ...	bcyz	bcyz	33	54	-	-	8·6	4·7
	Blackpool ...	bcc	c	35	52	-	-	7·8	4·7
	Morecambe ...	bbcbc	bcbbc	37	52	-	-	10·0	4·5
9	Ilkley... ...	c	c	38	50	-	-	3·7	0·3
	Harrogate ...	cbc	bcc	34	48	-	-	1·6	0·8
10	Berwick-on-T.	bc	bco	35	45	-	-	4·1	2·9
11	Dunbar ...	bcxm	em₀	35	45	-	-	3·1	1·8
12	Troon... ...	cbcb	bbcb	38	53	-	-	7·2	0·0
	Douglas ...	bcz	bcz	38	48	-	-	6·0	3·8

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



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~ Rough. ≈≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 2nd April, 1937.
1 S.E. England † 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Moderate or fresh southeast to south winds; rainy at first, occasional rain later; average temperature.
5 S.W. England † 6 South Wales ..†	Moderate south winds, becoming strong; occasional rain; average temperature.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	Strong east to southeast winds; dull and rainy; rain becoming occasional later; rather cold.
10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Fresh east winds; cloudy at first ; rainy later; rather cold.
13 A. W. Scotld. / B.N.W. Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Strong southeast winds, moderating; cloudy, local drizzle; rather cold.
17 N. W. Ireland † 18 N. E. Ireland 19 S. E. Ireland † 20 S. W. Ireland †	Strong northeast to east winds; dull, occasional rain; rather cold.

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

GENERAL INFERENCE.

A deep depression off Southern Ireland is moving little. Weather will be cloudy generally and rain will extend gradually northwards to all districts. Temperatures will be rather low in the North but average in the Southwest and South.

FURTHER OUTLOOK.

Unsettled.

Times of issue of Gale Warning.

† South cone hoisted at 1430 on 1st in districts 1(part of), 5,6,17,19, and 20.

Forecasts issued at 1015 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.
Director.

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

Morning of

FRIDAY.
2ND APRIL.

1937.

Clarke's Projection Scale 1: 4X10⁷ 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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 2nd April, 1937.
No. 27525.

OBSERVATIONS at 1 hr. G.M.T. 2nd 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	1001·1	-26	E	3	2o	42	85	6	-	-	8	0	2-3	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	348	1002·7	-22	E'S	4	2o	43	75	6	-	3	-	0	4-6	-
	Manston ...	142	1002·6	-20	E	3	2o	43	85	6	-	-	6	0	7-8	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1005·1	-20	E	4	c	43	85	5	5	-	-	10	10	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	999·3	-20	ESE	5	r.r.	45	92	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	999·3	-6	SE'S	4	r.r.	49	97	6	5	-	-	10	10	800
	Scilly (St. Mary's)	163	997·4	-6	SSW	5	c/d	49	97	7	8	2	-	7-8	10	1500
	Guernsey ..	175	995·5	-24	SSE	3	do.do.	48	97	4	5	-	-	10	10	1500
6	Pembroke ...	142	999·2	-20	ESE	8	r r	44	85	6	5	-	-	10	10	1500
7	Holyhead ...	26	998·8	-18	E	5	c	43	92	6	5	-	6	4-6	7-8	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1004·6	-20	E'S	5	c	42	97	6	-	2	-	0	7-8	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1006·6	-22	ESE	3	0	40	92	7	5	-	-	10	10	800
11	Inchkeith ...	190	1007·9	-14	SE	4	0	39	97	7	5	-	-	10	10	1500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1002·8	-20	SEE	5	c	42	97	7	-	2	-	0	10	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1007·2	-6	SE	4	bc	41	85	7	5	-	-	4-6	4-6	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1011·5	-8	SSE	4	c	41	97	7	5	2	-	7-8	10	800
16	Lerwick ...	156	1016·0	-12	SSE	6	c	40	85	7	8	2	-	7-8	10	800
17	Blacksod Point	18	998·8	-20	E'S	6	c	45	65	7	8	-	-	10	10	800
18	Malin Head ...	84	1003·2	-10	SE	4	bc	43	97	6	5	-	-	4-6	4-6	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	991·6	-14	E'N	5	ir.	43	97	7	9	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Becom. 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	996·7	-14	ENE	4	r.r.o.	43	85	5	6	2	-	10	10	1500	1	*
	996·2	-22	E'N	3	r.r.o.	41	92	5	6	2	-	4-6	10	2500	1	*
	996·1	-12	E	3	r.r.o.	41	92	5	-	2	-	10	10	800	1	*
	995·1	-12	E	3	9/r	40	97	6	-	2	-	10	10	800	1	*
	995·3	-10	E	5	do.do.	44	97	5	5	-	-	10	10	800	1	3
	998·1	-14 -12	E	3	dr.	41	92	4	6	2	-	9+	10	450	1	2
	998·3	-20	ESE	4	r.r.o.	43	85	6	-	2	-	10	10	5700	1	*
2	998·5	-20	E'S	4	r.r.o.	44	85	6	6	2	-	4-6	10	800	1	*
	999·9	-20	E'N	5	ir.	44	85	5	5	2	-	7-8	10	4000	1	3
	1001·8	-14	E'N	3	c	42	92	4	5	-	-	10	10	2500	1	3
	999·8	-18	E'N	4	2o	42	85	5	-	7	-	0	10	-	0	*
	1000·8	-20	E	3	m	40	97	4	5	-	-	10	10	450	1	*
3	998·2	-10	E	3	r.r.o.	40	85	4	-	2	-	10	10	2500	1	*
	997·0	-18	ENE	4	r.r.o.	40	92	5	-	2	-	10	10	800	1	*
4	995·6	-16	E	4	ir.	40	92	5	-	2	-	10	10	2500	1	*
5	992·8	-8	ESE	4	r.r.o.	46	92	6	5	-	-	10	10	1500	2	4
	991·0	-4	S	3	i.d.	49	97	6	6	2	-	9	10	800	1	2
	989·0	-4	SE	4	o	49	97	6	5	-	-	10	10	1500	1	3
	986·2	-10	S'E	5	s/pr	49	97	7	8	7	-	4-6	9	1500	1	3
	993·4	-6	S'E	2	o	49	97	7	5	-	-	10	10	2500	1	3
6	989·6	-4	ESE	7	ir.	44	92	5	5	2	-	7-8	10	2500	1	4
7	994·2	-22	E'S	6	ir.	43	85	6	6	2	-	2-3	7-8	1500	1	3
	998·1	-8	E	3	2o	43	75	5	5	-	-	10	10	2500	0	*
8	999·1	-18	E'N	4	m	43	75	4	5	2	-	4-6	10	4000	0	*
10	1000·8	-20	E'S	5	2o	42	92	5	5	-	-	10	10	800	0	4
	1001·6	-16	ESE	3	2o	42	85	5	5	7	-	2-3	10	1500	1	*
	1003·6	-16	ESE	3	0	41	92	6	5	-	-	10	10	450	1	2
11	1004·8	-16	E	4	c	40	97	6	5	-	-	9+	9+	1500	0	3
	1005·3	-18	E	2	r.r.o.	40	97	6	6	-	-	10	10	450	1	*
12	1003·4	-8	E	3	2o	40	85	6	5	-	-	10	10	800	0	*
	1002·8	-12	ENE	4	c	37	92	6	5	-	-	10	10	1500	1	*
	999·0	-8	E'S	5	c	42	92	7	-	2	-	0	9	-	0	2
13A	1002·6	-10	E'N	4	c	41	85	7	5	3	-	4-6	7-8	2500	0	3
13B	1006·4	-8	ESE	5	bc	41	85	7	5	7	-	4-6	4-6	2500	1	3
15	1006·4	-14	ESE	2	c	36	85	7	5	-	-	10	10	2500	4	*
	1007·4	-10	E'S	4	c/r	40	92	6	6	2	-	9+	10	800	1	3
16	1008·9	-16	SSE	6	r.r.o.	40	97	7	5	2	-	7-8	10	450 300	1	4
	1013·9	-12	SE	7	c	40	75	8	5	7	-	7-8	9	800	0	*
17	996·9	-10	NE	6	c	43	85	7	-	7	-	0	10	-	0	4
18	1000·1	-14	E	5	c	43	97	7	9	2	-	7-8	10	2500	0	3
	998·3	-20	E'N	5	2o	41	92	6	5	7	-	4-6	10	800	1	*
19	991·7	-18	SE	3	ir	41	92	7	6	2	-	4-6	10	1500	1	*
20	985·2	-22	NEE	6	c	43	85	6	5	3	-	9	9+	1500	1	3
	985·3	-22	SE	6	dr.	47	97	5	5	-	-	10	10	450	1	5

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 19h–7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 1st... Hrs. (36)
1	London (Kew)	53	41	38	-	1	3·8
	Croydon ...	55	38	35	-	0·3	4·2
	S. Farnborough	52	39	35	-	r	2·3
	Boscombe Down	54	40	39	-	r	9·2
	Calshot (Sthmtn.)	49	44	43	-	2	8·6
	Lympne ...	49	40	37	-	1	3·6
	Manston ...	48	41	37	-	0·1	1·5
2	Shoeburyness ...	49	37	30	-	0·1	0·2
	Felixstowe ...	47	43	38	-	Tr	0·0
	Gorleston ...	45	42	40	-	-	0·0
	Mildenhall ...	49	41	38	-	-	1·6
	Cranwell ...	52	39	38	-	-	2·9
3	Birmingham ...	51	38	36	-	0·1 3 6 8	
	Upper Heyford	53	37	35	-	0·4	*
4	Ross-on-Wye	54	40	39	-	4	7·8
5	Portland Bill ...	48	44	*	-	3	*
	Plymouth ...	54	45	42	0·3	15	2·9
	The Lizard ...	49	44	*	7	11	*
	Scilly (St. Mary's)	48	46	*	8	7	0·0
	Guernsey ..	52	45	44	2	7	4·3
6	Pembroke ...	51	42	*	-	2	4·0
7	Holyhead ...	55	42	40	-	0·5	7·3
	Chester (Sealand)	53	42	39	-	-	7·3
8	Manchester ...	53	42	39	-	-	7·7
10	Spurn Head ...	44	41	*	-	-	0·0
	Catterick ...	49	40	38	-	-	1·2
	Tynemouth ...	44	40	39	-	Tr	3·1
11	Inchkeith ...	48	38	37	-	-	4·6
	Leuchars ...	45	39	38	-	0·2	2·0
12	Renfrew (Abbotsl.)	51	39	39	-	-	5·2
	Eskdalemuir ...	48	36	36	-	0·1	6·6
	Point of Ayre...	49	42	*	-	-	6·4
13A	Tiree	49	38	37	Tr	-	4·2
13B	Stornoway ...	48	41	*	0·1	-	3·8
15	Dalwhinnie ...	44	35	33	-	-	3·4
	Aberdeen ...	44	39	39	-	1	1·3
	Wick ...	43	40	*	-	Tr	*
16	Lerwick ...	48	39	*	-	Tr	0·0
17	Blacksod Point	51	40	*	-	-	*
18	Malin Head ...	48	41	*	-	-	5·0
	Aldergrove ...	50	40	37	Tr	-	4·4
19	Birr Castle ...	53	41	37	-	0·5	3·4
20	Valentia Obsy. †	51	41	40	Tr	1	1·5
	Roches Point	49	42	*	2	9	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	OFbzc	bzycz	cmr	53	41	38	-	1	3·8	*	*	3
Croydon	217	bxfczy	czycz	bcwr	55	38	35	-	0·3	4·2	*	*	
Greenwich (Royal Observatory)...	149	Febfc	cm	bcrm	53	39	32	-	3	2·2	60	98	4
City (Sunhill Row)	—	*	*	*	*	*	*	*	*	2·1	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	53	38	37	2		2·4	59	94	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	53	37	37	-	2	2·4	65	94	*
Camden Square	110	cfbc	bcc	*	54	40	34	-	2	*	*	93	*
Kensington	80	bc	or	*	53	41	37	-	3	2·8	At 18h. 70	93	*
Hampstead Observatory	459	of	bc	osr	51	37	32	-	2	3·2	*	98	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
1·3	7–11h 1st	0·3	1–3h 2nd

Kew Observatory.

Max.	Time.	Min.	Time.
1·0	10h 1st	0·1	2h 2nd

FOREIGN OBSERVATIONS.

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

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1005·8	ENE	2	c	50
Brussels	1008·2	ESE	2	c	46
Berlin	1016·9	E	4	r.r.o.	41
Zürich	1008·6	SE	1	b	54
Rome	1003·7	NNW	3	c	59

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

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
999·3	S	3	r.r.o.	48
1001·0	SE	3	o	45
1012·6	ESE	4	2o	41
1008·3	NW	1	m	39

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
54	43	-	3
50	37	-	-
41	34	1	Tr
59	34	-	-
*		-	

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. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 3rd April, 1937.

No. 27528.

OBSERVATIONS at 13h. G.M.T. 2nd 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. (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)	994·3	−12	ENE	3	c/f	48	92	4	5	–	–	9+	9+	800
	Croydon ...	994·0	−14	ESE	2	c/fd	50	92	6	–	2	–	10	10	450
	S. Farnborough	993·7	−14	E'N	2	ir$_o$	49	92	5	–	2	–	10	10	800
	Boscombe Down	992·7	−16	E'S	3	ir$_o$	49	92	6	–	2	–	10	10	450
	Calshot (Stnmtn.)	994·3	−6	E'S	3	c/f	49	97	7	5	3	–	7-8	9+	800
	Lympne ...	996·1	−6	SE	2	f	48	97	3	–	–	–	10	10	150
	Manston ...	995·5	−10	ESE	3	c/d	48	92	4	5	–	–	10	10	450
2	Shoeburyness ...	995·9	−10	ESE	4	r$_o$r$_o$	47	97	4	6	2	–	7-8	10	800
	Felixstowe ...	996·6	−14	E'S	4	r$_o$r$_o$	45	97	4	5	–	–	10	10	800
	Gorleston ...	998·3	−20	E'S	4	r$_o$r$_o$	44	85	5	6	–	–	10	10	2500
	Mildenhall ...	996·1	−12	ESE	4	r$_o$r$_o$	45	92	5	6	–	–	10	10	800
	Cranwell ...	997·8	−14	E	4	r$_o$r$_o$	44	92	5	6	2	–	9	10	450
3	Birmingham ...	995·4	−10	E	3	o/r	44	85	4	6	–	–	10	10	800
	Upper Heyford	994·9	−6	E	3	z$_o$	44	97	5	–	2	–	10	10	800
4	Ross-on-Wye	993·5	−12	E	3	z$_o$	45	85	5	5	–	–	10	10	800
5	Portland Bill ...	991·3	−6	ESE	3	c/r	49	92	7	4	–	–	10	10	2500
	Plymouth ...	989·6	−6	SSE	3	ir$_o$	50	92	7	6	7	–	9	9+	800
	The Lizard ...	987·5	−2	SE'E	4	c	49	97	8	8	6	–	7-8	9+	1500
	Scilly (St.Mary's)	985·4	−4	S'E	5	c/pr	50	92	7	8	2	–	7-8	10	1500
	Guernsey ...	992·2	−4	S'W	3	ir	52	85	7	8	–	–	10	10	1500
6	Pembroke ...	989·1	−4	ESE	7	q	48	85	6	8	2	–	7-8	9+	2500
7	Holyhead ...	992·1	−10	E	6	c/r	45	92	6	6	7	–	4-6	9+	1500
	Chester(Sealand)	995·6	−14	E	3	r$_o$r$_o$	46	75	6	–	2	–	10	10	2500
8	Manchester ...	996·1	−18	ENE	5	r$_o$r$_o$	47	76	5	6	2	–	9	10	1500
10	Spurn Head ...	998·0	−18	E	5	ir$_o$	43	92	5	5	–	–	10	10	450
	Catterick ...	999·4	−12	E	3	z$_o$	45	85	6	6	2	–	9+	10	1500
	Tynemouth ...	1001·4	−16	ESE	4	m	41	97	4	5	–	–	10	10	800
11	Inchkeith ...	1003·0	−8	E	4	c	41	97	7	5	–	–	10	10	2500
	Leuchars ...	1003·6	−6	ESE	3	z$_o$	42	92	5	5	–	–	10	10	800
12	Renfrew (Abbotsl.)	1000·9	−16	ENE	4	z$_o$	46	75	5	5	3	8	4-6	7-8	1500
	Eskdalemuir ...	1000·1	−14	E	5	c	43	75	6	5	–	6	4-6	9+	1500
	Point of Ayre...	997·3	−4	ESE	3	r$_o$r$_o$	46	97	6	5	–	–	10	10	4000
13A	Tiree	1001·1	−6	ENE	4	c	43	85	7	5	–	–	9+	9+	2500
13B	Stornoway ...	1005·4	−2	ESE	4	c	43	85	8	5	7	–	4-6	9+	2500
15	Dalwhinnie ...		−8	SE	2	c	39	85	7	5	–	–	10	10	2500
	Aberdeen ...	1005·5	−8	ESE	3	c/d	41	97	6	5	–	–	10	10	450
	Wick ...	1007·6	−10	SE	6	pr$_o$	41	97	6	5	7	–	7-8	10	800
16	Lerwick ...	1012·6	−12	SE	6	c/r	39	85	7	8	2	–	7-8	10	800
17	Blacksod Point	995·6	−10	NE	6	c	45	75	7	5	–	–	10	10	800
18	Malin Head ...	998·5	−8	E	4	c	45	92	6	5	–	–	9+	9+	1500
	Aldergrove ...	996·2	−10	E'N	6	z$_o$	46	75	6	5	7	–	4-6	10	1500
19	Birr Castle ...	990·3	−4	SE	3	c	49	75	8	5	7	–	7-8	9+	2500
20	Valentia Obsy. †	985·1	+2	NE	3	o/r	49	85	7	6	–	–	10	10	1500
	Roches Point	986·4	+8	ESE	6	dr	48	97	5	5	–	–	10	10	450

OBSERVATIONS at 18h. G.M.T. 2nd 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. (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)	993·0	−6	ESE	2	d$_o$	53	85	5	5	–	–	10	10	800	1	*
	Croydon ...	992·8	−6	E'S	2	c/r	53	85	6	5	2	–	7-8	10	1500	1	*
	S. Farnborough	993·1	−2	SSE	2	rr	51	92	5	6	2	–	7-8	10	800	1	*
	Boscombe Down	992·2	+2	SE'S	3	c/r	50	92	7	6	2	–	9+	10	800	1	*
	Calshot (Stnmtn.)	993·2	+4	E	3	c/r	46	97	6	8	2	8	2-3	9	1500	1	2
	Lympne ...	994·5	−4	SE'E	2	rf	49	97	8.2	6	–	–	10	10	450	1	§ 1
	Manston ...	994·3	−4	E	3	ir	52	85	6	6	2	–	7-8	10	800	1	*
2	Shoeburyness ...	994·7	−4	ESE	3	ir$_o$	48	92	8	6	2	–	9	9+	1500	1	*
	Felixstowe ...	995·7	−2	NE'E	2	r$_o$	46	92	4	5	2	–	7-8	10	800	1	3
	Gorleston ...	997·3	−4	SE'E	3	r$_o$	44	97	3	–	–	–	10	10	150	1	3
	Mildenhall ...	994·7	−4	E'S	3	z$_o$	49	92	5	5	–	–	10	10	1500	1	*
	Cranwell ...	995·8	−10	E'N	2	f	44	97	3	6	2	–	9+	10	220	1	*
3	Birmingham ...	994·1	−4	E	3	id$_o$	45	92	4	6	–	–	10	10	800	1	*
	Upper Heyford	993·6	−2	ENE	3	z$_o$	47	97	5	–	2	–	10	10	800	1	*
4	Ross-on-Wye	992·6	−4	E	3	df	46	92	3	5	–	–	10	10	450	1	*
5	Portland Bill ...	991·4	+6	SE	3	c	47	92	7	4	4	–	4-6	10	2500	2	3
	Plymouth ...	989·7	+6	SSE	4	c	51	85	8	8	7	–	7-8	9	1500	1	2
	The Lizard ...	987·5	0	SE'E	4	c	49	92	7	8	6	–	7-8	9+	1500	1	3
	Scilly (St.Mary's)	985·4	−2	S'E	2	r$_o$r	48	97	6	8	–	–	10	10	1500	1	2
	Guernsey ...	992·2	+2	SW'W	2	bc	49	85	8	8	1	–	4-6	4-6	2500	2	2
6	Pembroke ...	989·3	0	ESE	6	q	48	92	6	5	7	–	7-8	9	2500	1	3
7	Holyhead ...	991·8	+2	E	5	c	47	85	6	5	9	–	4-6	9	4000	1	3
	Chester(Sealand)	994·2	−4	ENE	3	z$_o$	48	75	5	–	2	–	10	10	1500	1	*
8	Manchester ...	994·6	−4	NE'E	5	r$_o$r$_o$	45	85	4	6	2	–	4-6	10	1500	1	*
10	Spurn Head ...	995·8	−16	E	5	rr	43	97	4	5	–	–	10	10	220	1	4
	Catterick ...	998·0	−2	NE	2	ir$_o$	42	92	6	5	2	–	9+	10	1500	1	*
	Tynemouth ...	1000·1	−8	ESE	4	c	40	97	6	–	2	–	10	10	800	1	3
11	Inchkeith ...	1001·4	−12	E	4	c	40	97	6	5	–	–	10	10	1500	0	3
	Leuchars ...	1001·9	−6	E	3	d$_o$d$_o$	41	97	5	5	–	–	10	10	800	1	*
12	Renfrew (Abbotsl.)	1000·1	−2	ENE	4	id$_o$	42	92	5	5	–	–	10	10	800	0	*
	Eskdalemuir ...	999·0	−4	E'N	4	c	40	85	6	5	2	6	7-8	9+	450	1	*
	Point of Ayre...	995·9	−6	E	4	o	44	97	6	5	–	–	10	10	4000	0	1
13A	Tiree	999·9	−8	NE'E	3	c	44	85	7	5	–	–	9	9	2500	0	3
13B	Stornoway ...	1003·3	−2	E	5	c	42	85	8	5	7	2	2-3	9+	2500	1	3
15	Dalwhinnie ...		−8	SE	2	c	38	75	7	4	5	–	4-6	10	2500	4	*
	Aberdeen ...	1004·2	−6	E'S	4	c/d	41	97	4	5	–	–	10	10	220	1	3
	Wick ...	1006·0	−8	SE	4	c	41	92	6	5	2	–	9	10	800	1	3
16	Lerwick ...	1011·5	−6	SE	6	ir$_o$	39	92	7	9	2	–	7-8	10	800	1	*
17	Blacksod Point	994·8	+2	NE	6	c	46	75	7	–	7	–	0	10	–	0	4
18	Malin Head ...	997·4	+2	E	4	ir$_o$	45	97	6	6	2	–	9	10	800	0	2
	Aldergrove ...	996·6	−2	E'S	4	ir$_o$	44	85	6	5	2	–	9	10	1500	1	*
19	Birr Castle ...	991·5	+6	NE	2	c	45	85	7	5	–	–	10	10	2500	1	*
20	Valentia Obsy. †	988·1	+24	NE'E	4	c	48	85	6	6	–	–	10	10	1500	1	3
	Roches Point	987·9	+10	ESE	5	dr	47	97	5	5	–	–	10	10	450	1	4

PAST 24 HOURS.

Weather. 7h.—13h. ...2nd (37)	13h.—18h. ..2nd.. (38)	18h.2nd to 1h.3rd. (39)	1h.—7h. ...3rd. (40)
rrfcz	cmd$_o$m$_o$	d$_o$crr	r$_o$bccm$_o$
ar$_o$mcddm$_o$cid$_o$r$_o$cm$_o$	crr$_o$m$_o$	b$_y$cbcm$_o$	
r$_o$m$_o$d$_o$m$_o$	ir$_o$cr$_o$	rrRRc	cir$_o$bm$_o$c
od$_o$od$_o$ir$_o$	oir ir$_o$c	cid$_o$m$_o$	cm$_o$
odfe$_o$pr$_o$	&PRr$_o$	cbcm$_o$	bwm$_o$
ffrrr$_o$	cor$_o$RRf	RRfir$_o$bcm	bcm$_o$cr
or$_o$d$_o$fm	cr$_o$r$_o$bc	cr ~~f~~bcbc	bcm$_o$c
r$_o$r$_o$mc	r$_o$m$_o$r$_o$c	iRrrc	rr$_o$bc
or$_o$r$_o$m	r$_o$r$_o$bcc	oRR fc	bc,cm$_o$
cmor$_o$	or$_o$ff	for$_o$r$_o$	of 2
cir$_o$r$_o$r$_o$	cr$_o$r$_o$cm$_o$	cm$_o$rrcm	cmbcffm
cd$_o$d$_o$r$_o$r$_o$	cm$_o$r$_o$fm	fRRcr$_o$	r$_o$r$_o$bcw
r$_o$r$_o$mc	r$_o$m$_o$r$_o$c	iRrrc	rr$_o$bc
or$_o$r$_o$m	r$_o$r$_o$bcc	oRR fc	bc,cm$_o$
cmor$_o$	or$_o$ff	for$_o$r$_o$	of 2
cir$_o$r$_o$r$_o$	cr$_o$r$_o$cm$_o$	cm$_o$rrcm	cmbcffm
cd$_o$d$_o$r$_o$r$_o$	cm$_o$r$_o$fm	fRRcr$_o$	r$_o$r$_o$bcw
or$_o$r$_o$	o cod$_o$	or$_o$rr	oiRc
or$_o$r$_o$m$_o$	om$_o$cm$_o$c	or$_o$r$_o$RRfr$_o$	cfrnbcm$_o$
r$_o$dm$_o$om$_o$om$_o$id$_o$m	ofid$_o$oP	ornem	
orr	c ir$_o$	c	c
eiDr$_o$r$_o$r	cr$_o$r$_o$mrbc	cpr$_o$c	cpr$_o$c
opr$_o$c	cpr$_o$c	cpr$_o$o	pr$_o$c
cp$_o$	cpr$_o$r$_o$r	rrfmc	c oir
oirc	cPR	bcb	mbcor
cqm$_o$	cqrrm$_o$	bccq	cbcm$_o$
r$_o$r$_o$m$_o$c	ir$_o$m$_o$c	bcm$_o$c	rr$_o$fc
cr$_o$r$_o$z$_o$	cr$_o$r$_o$z$_o$	crrrm$_o$	crrrnf
czr$_o$r$_o$z$_o$	cr$_o$r$_o$z$_o$m	r$_o$r$_o$cr	rrr$_o$r$_o$d$_o$
mir$_o$	mrrf	ffrr	frm
cm$_o$	cm$_o$ir$_o$	er$_o$orr	orf
om	om$_o$	oir$_o$rm	oirff
c	cz$_o$	z$_o$c	cfz$_o$c
cd$_o$d$_o$m$_o$c	cm$_o$d$_o$d$_o$	cm$_o$d$_o$d$_o$	cm$_o$d$_o$d
cm$_o$bccf	cz$_o$id$_o$	cd$_o$z$_o$m$_o$	cm$_o$d$_o$c
cir$_o$c	cd$_o$d$_o$c	cir$_o$	oir$_o$
cr$_o$r	r$_o$r$_o$z	r$_o$r$_o$	orr
c	c		
bcc	c	cbc	bcc
c	c	c	coir
cr$_o$d$_o$	om$_o$d$_o$	odom$_o$	or$_o$r$_o$
cpr$_o$	cid$_o$c	odom$_o$	odom$_o$
cir$_o$	cir$_o$	cir$_o$	cpr$_o$
irq	cq	prcq	prcq
cz$_o$z$_o$	cz$_o$z$_o$	cir$_o$c	cz$_o$z$_o$
cm$_o$ir$_o$m$_o$	cm$_o$	crom$_o$c	cm$_o$
circ	c	cir$_o$	ir$_o$id
id$_o$r$_o$r$_o$	cir$_o$c	cir$_o$c	cir$_o$c
odrdr	dridr$_o$	oidr	oid$_o$

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog ,, less than 220 yds.
fs, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. ,, wet.
2 .. ,, flooded.
3 .. ,, frozen hard and dry.
4 .. ,, partly covered with snow or hail.
5 .. ,, covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 .. ,, covered with snow, less than 6 ins., but ground frozen.
9 .. ,, covered with snow greater than 6 ins. deep.

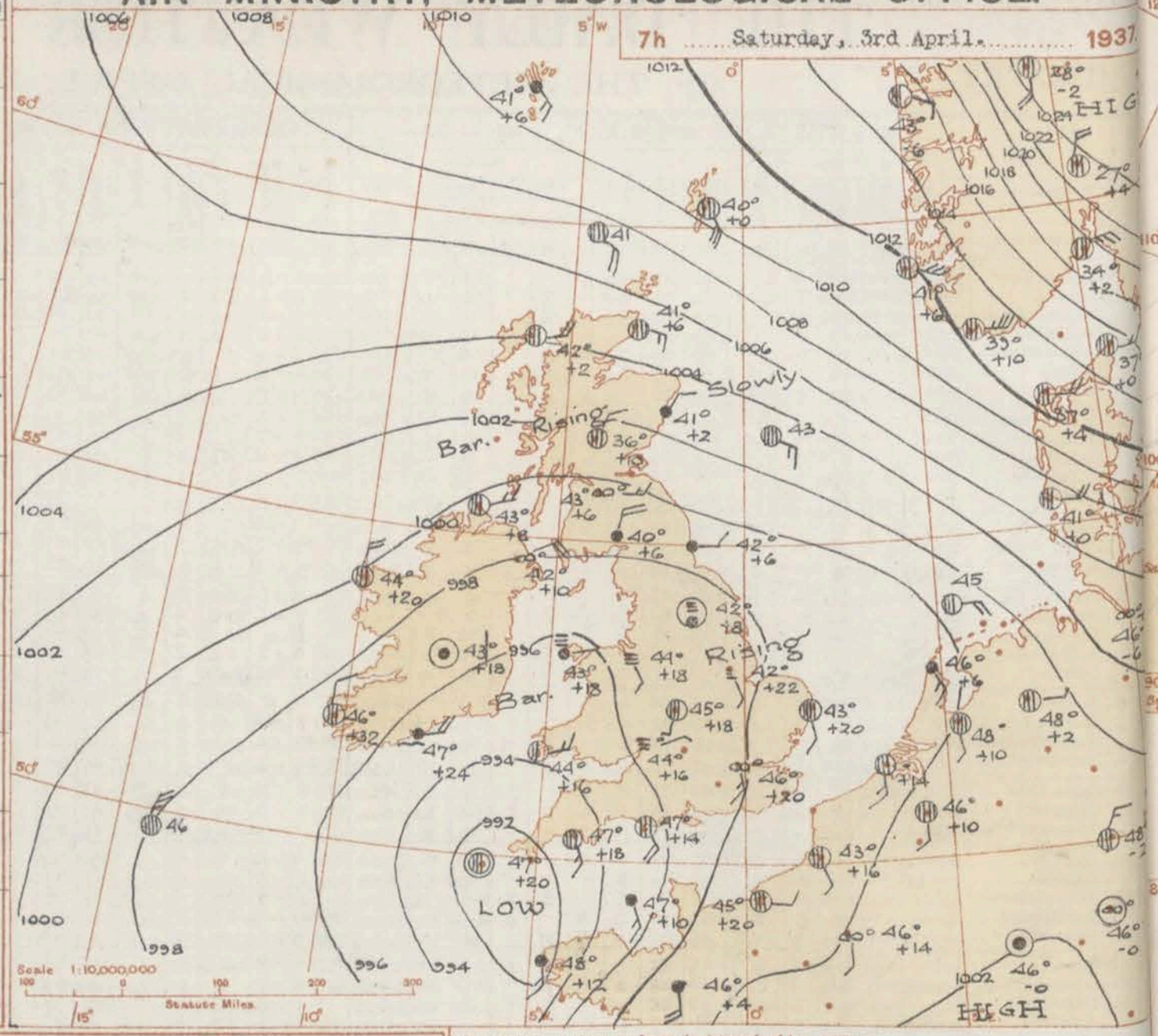
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 2nd April 1937.

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (F) Min. 9h. 1st to 9h. 2nd.	Temperature (F) Max. 9h.—17h. 2nd.	Rainfall (mm) Night. 17h. 1st to 9h. 2nd.	Rainfall (mm) Day. 9h.—17h. 2nd.	Sunshine (Hrs) Sunrise to 17h. 2nd.	Sunshine (Hrs) Sunrise to Sunset. 1st.
1	Tunbridge W.	odo	pocdc	38	54	1	0·5	0·1	6·6
	Bournemouth	mroro	om	43	51	6	2	0·0	5·7
	Ventnor ...	rmcor	orc	43	52	6	3	0·2	7·4
	Southsea ...	om₀od	ocir	43	51	3	3	0·1	8·6
	Bognor Regis	cfec	bcerc	43	50	4	3	0·3	8·0
	Littlehampton	clr₀	corr	43	51	3	3	0·0	8·6
	Worthing ...	odo	or	44	50	2	1	0·1	8·6
	Brighton ...	crc	bcrc	43	53	4	5	0·2	8·7
	Eastbourne† ...	r₀r₀ac	corr	44	52	4	5	0·5	8·8
	Hastings† ...	ordrc	bccor	43	52	5	4	1·1	7·8
	Folkestone ...	odmro	cbcoro	41	52	3	2	0·7	3·0
	Dover ...	frocm	bcoir	42	63	3	0·5	1·7	4·1
	Deal	ro ro	obco	42	53	1	0·5	1·7	2·7
	Ramsgate ...	rc	cbcc	42	50	1	0·4	1·4	0·6
	Margate ...	cr	cbc	42	54	2	1	1·6	0·6
2	Southend ...	orr	orc	41	52	1	3	0·3	0·2
	Maldon ...	orr	orc	39	50	Trace	3	0·8	0·0
	Clacton-on-Sea	omrd	ode	42	47	0·4	4	0·1	0·0
	Dovercourt ...	doc	dcbc	43	48	Trace	2	0·2	0·0
	Lowestoft ...	cod₀	oid₀m	41	45	-	-	0·0	0·0
	Skegness ...	emor	rirm	41	45	-	3	0·0	0·0
	Mablethorpe ...	cor m₀	orm₀	41	44	-	3	0·0	0·0
	Cleethorpes ...	bc	cr	41	45	-	0·5	0·6	0·0
3	Leamington S.	odo	od	39	47	0·4	0·5	0·0	7·9
4	Cheltenham†	am₀	ocom₀	40	49	1	-	0·0	8·1
5	Bath	clr₀	clr₀	43	52	0·5	1	0·0	8·3
	Weymouth ...	rdc	ccb	45	52	7	3	0·7	4·1
	Jersey ...	rc	pcbcc	45	53	8	Trace	2·3	4·3
	Torquay ...	or₀p	opbcc	45	52	13	4	1·6	2·4
	Penzance ...	rorcc	bccir	45	52	15	1	1·4	0·1
	St. Ives ...	pr	pr	45	54	12	4	2·2	0·0
	Bude	crp	bcp	43	55	2	4	1·5	0·6
	Ilfracombe ...	ocpo	opcbc	44	54	0·5	Trace	0·2	2·6
6	Aberystwyth	c	bcc	42	50	-	-	2·1	1·3
7	Llandudno ...	iro	r₀co	42	49	1	2	0·0	6·7
	Colwyn Bay ...	popo	o	42	49	0·3	0·5	0·0	7·7
	Rhyl	cod₀	ez₀	41	48	-	Trace	0·0	7·2
8	Wallasey ...	cp₀co	o	41	49	-	Trace	0·0	6·7
	Southport ...	ocz	coz	40	49	-	-	0·0	8·6
	Blackpool ...	ccp	opo	40	48	-	Trace	0·0	7·8
	Morecambe ...	bbtc	c	41	48	-	-	1·0	10·2
9	Ilkley... ...	o	o	38	46	-	-	0·0	3·7
	Harrogate ...	co	coir₀	36	45	-	Trace	0·0	1·6
10	Berwick-on-T.	om₀m₀	m₀m₀o	39	42	1	-	0·0	4·1
11	Dunbar ...	omro	om₀r₀	39	42	0·5	Trace	0·0	3·1
12	Troon... ...	cbcoc	coco	37	48	-	-	0·7	8·3
	Douglas ...	cr₀z	oz	40	45	Trace	Trace	0·0	8·0

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



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 3rd April, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England 6 South Wales ...	Light south to southeast winds; bright periods, occasional showers; local thunder; rather 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 east winds; dull, occasional rain; fair periods later; rather cold at first, temperature rising.
13 {A. W. Scotld. B.N.W.Scotland.} 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Moderate east winds; cloudy, local rain; rather cold.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Moderate northeast winds; cloudy, occasional rain, bright periods later; average temperature.

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

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~ Rough. ≈≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

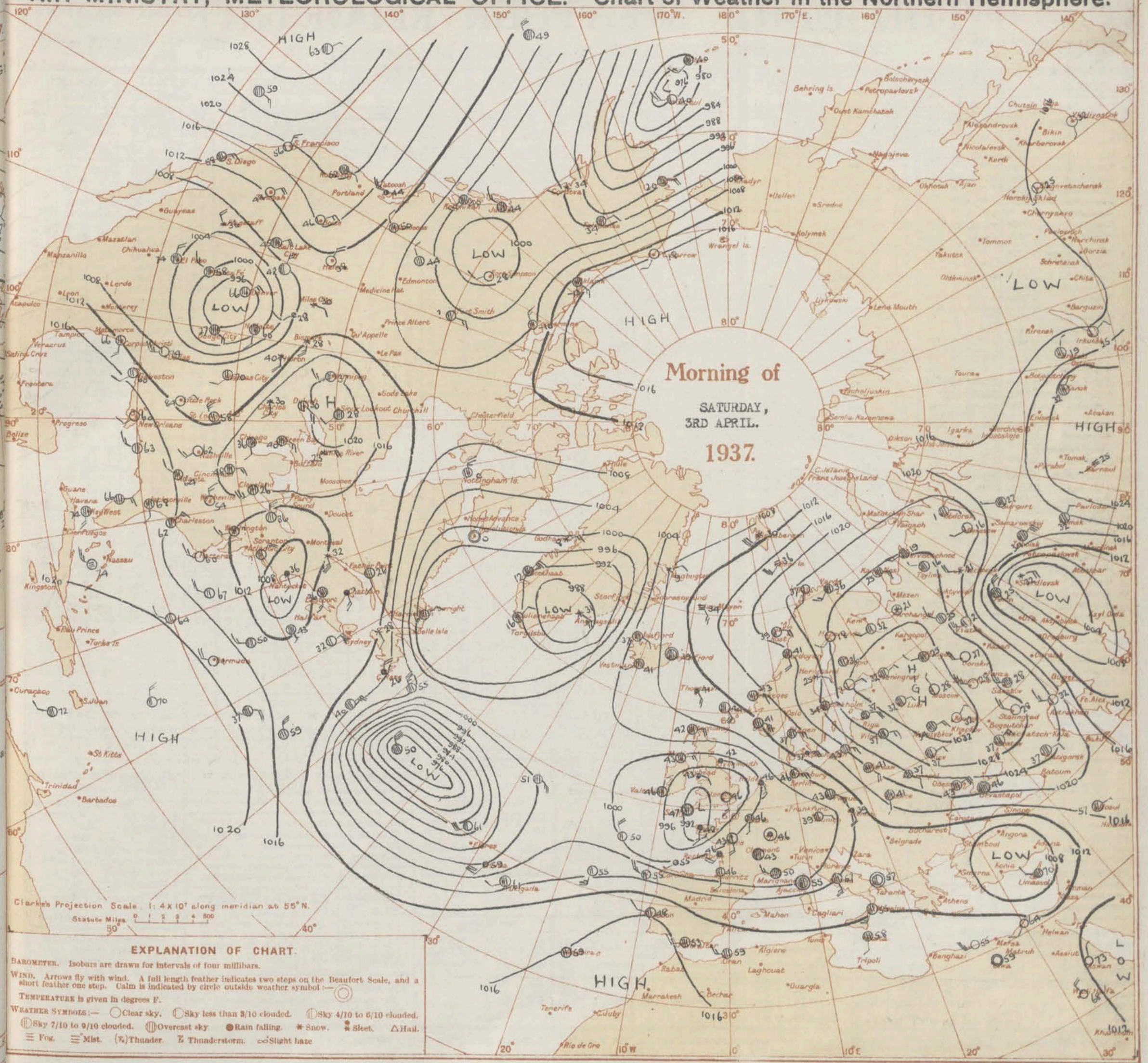
A depression off the mouth of the English Channel is filling up and an another depression in mid-Atlantic is extending east. There will be fa periods in the South with occasional thundery showers. In the North weather will be cloudy with occasional rain.

FURTHER OUTLOOK.

Fair temporarily; renewed rain later in the South.

Forecasts issued at 1030 G.M.T. GEORGE C. SIMPSON, K.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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 3rd April, 1937.
No. 27526.

OBSERVATIONS at 1 hr. G.M.T. 3rd 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	*	*	*	*	bc/r	*	*	*	*	*	*	*	*	*
	Croydon ...	217	994·6	+2	SE	1	bc/r	46	97	6	5	-	2	1	2-3	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	996·5	+2	SE	2	m	45	97	4	6	-	-	4-6	4-6	1500
	Manston ...	142	995·9	+6	SSE	3	z.	46	97	6	5	-	-	2-3	2-3	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	996·3	+2	-	0	r.r.	44	92	6	6	-	-	10	10	1500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	992·9	0	S	3	c	47	92	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	989·0	+4	ESE	4	ir.	47	97	7	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	988·5	+18	-	0	c	46	97	7	8	7	-	4-6	7-8	1500
	Guernsey ..	175	993·1	+2	3	3	b	47	92	6	-	-	-	0	0	-
6	Pembroke ...	142	991·0	+6	ESE	4	q	47	92	7	5	-	-	7-8	7-8	2500
7	Holyhead ...	26	994·0	+2	EN	4	c	44	97	6	-	2	-	0	10	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	995·4	-8	E's	4	rf	43	97	2	5	-	-	10	10	1150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	998·5	+2	E	4	ir.	41	97	4	-	2	-	10	10	800
11	Inchkeith ...	190	1001·6	0	E	4	c	40	97	7	5	-	-	10	10	1500
	Leuchars ...	38	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre..	30	995·9	-2	EN	5	0	42	97	7	5	-	-	10	10	4000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1004·3	+2	E	4	bc	42	85	7	5	7	-	2-3	4-6	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1005·5	-4	ESE	4	do.do.	41	97	6	5	-	-	10	10	800
16	Lerwick ...	156	1011·2	-6	SE	6	c	39	92	8	8	2	-	7-8	9+	800
17	Blacksod Point	18	997·8	+12	NE	6	c	43	92	7	5	-	-	10	10	800
18	Malin Head ...	83	998·5	+4	E	3	bc	43	97	6	5	-	-	4-6	4-6	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	992·3	+14	NE	5	c	45	97	6	9	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. 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)
998·3	+20	SSE	1	z.	43	97	5	5	-	-	9	9	450	1	*
997·7	+20	S'E	3	z.	46	92	6	5	3	-	4-6	7-8	1500	1	*
997·6	+20	S	1	z.	45	97	5	5	-	-	9	9	450	2	*
996·9	+20	S'E	3	z.	45	97	6	5	-	-	10	10	800	1	*
997·0	+18	E	2	z.	45	97	6	-	3	-	0	Tr	-	1	1
995·5	+20	SSW	2	z.	45	97	6	5	3	-	2-3	7-8	450	1	§1
999·2	+28	SSW	3	c	46	97	6	5	-	2	4-6	7-8	5700	1	*
998·7	+18	SSW	3	bc	47	92	6	3	7	8	2-3	4-6	1500	1	*
998·8	+20	-	0	c	45	97	6	5	3	-	9	9+	2500	1	2
999·3	+20	SSE	2	0	43	97	5	5	-	-	10	10	800	1	2
998·2	+20	S	2	m	46	97	4	5	-	-	10	10	450	1	*
997·5	+22	SE'S	1	F	42	97	1	·	·	·	10	10	1150	1	*
997·7	+18	SSW	1	c	45	97	6	5	-	-	9+	9+	1500	1	*
997·5	+20	SE	3	z.	43	97	5	5	3	-	4-6	4-6	800	1	*
996·5	+16	E'N	1	m	44	97	4	5	-	-	10	10	1500	1	*
995·1	+14	SE	4	c	47	92	7	4	4	-	7-8	10	2500	1	3
993·3	+18	SE	3	c/pr	47	92	7	9	8	1	7-8	9	1500	1	2
991·9	+20	SE'E	3	c	47	97	8	8	-	-	9	9	1500	1	3
991·6	+20	-	0	c	47	97	8	8	6	-	2-3	7-8	2500	1	2
994·6	+10	SSE	3	ir	47	97	7	5	-	-	10	10	2500	1	3
994·7	+16	E'N	3	bc	44	97	7	5	7	1	4-6	4-6	4000	1	2
995·2	+18	E'S	2	pf	43	97	3	-	2	-	10	10	800	1	2
996·2	+18	SE	1	f	44	97	2	5	-	-	10	10	2500	1	*
996·2	+18	SE'S	1	c/d	45	92	5	5	3	-	7-8	9	2500	1	*
997·0	+8	SE	3	z.	44	97	5	5	3	9	4-6	7-8	450	1	3
997·3	+8	-	0	rf	42	97	3	-	2	-	10	10	450	1	*
999·2	+6	E	2	ir	42	97	5	-	2	-	10	10	800	1	3
998·8	-4	NE	4	c	40	97	6	5	-	-	10	10	800	0	3
1001·3	+2	ENE	3	dd	41	97	5	6	-	-	10	10	450	1	*
1000·5	+6	E	3	z.	43	92	6	5	-	-	10	10	800	1	*
998·7	+6	NE'N	4	ir.	40	97	6	5	-	-	10	10	450	1	*
996·8	+10	E'N	4	rr	42	97	7	8	-	-	10	10	800	1	3
1001·1	+6	NE'N	3	c	43	85	7	5	3	4	4-6	7-8	2500	0	3
1004·6	+2	ENE	4	c	42	85	7	5	4	-	4-6	7-8	2500	1	2
1004·3	+10	NE	3	c	36	92	7	5	-	-	10	10	2500	4	*
1003·7	+2	NE	2	ir	41	97	5	-	2	-	10	10	450	1	3
1005·7	+6	ESE	3	0	41	97	5	5	-	-	10	10	220	1	3
1010·7	0	SE	6	c	40	85	8	8	2	-	7-8	10	800	1	*
1000·1	+20	NNE	4	c	44	92	7	5	-	-	10	10	800	1	3
999·6	+8	ENE	3	c	43	97	7	5	2	-	7-8	10	800	0	1
998·2	+10	NE'E	4	z.	42	97	6	5	2	-	7-8	10	800	1	*
996·7	+18	-	0	dd	43	92	7	5	-	-	10	10	2500	1	*
997·7	+32	N'E	2	c	46	85	6	5	-	+	10	10	1500	1	2
995·4	+24	ENE	4	id.	47	92	6	5	-	-	10	10	450	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. 2nd Hrs. (36)
1	London (Kew)	53	41	32	2	12	0·0
	Croydon ...	54	45	40	2	11	0·2
	S. Farnborough	53	40	29	3	8	0·0
	Boscombe Down	53	40	38	3	Tr	0·0
	Calshot (Sthmtn.)	51	44	40	3	-	0·3
	Lympne ...	52	44	41	13	7	0·8
	Manston ...	54	44	41	2	6	1·7
2	Shoeburyness ...	51	44	35	3	9	0·5
	Felixstowe ...	47	44	40	2	8	0·1
	Gorleston ...	44	42	42	0·5	2	0·0
	Mildenhall ...	49	43	39	1	4	0·0
	Cranwell ...	47	38	32	2	5	0·1
3	Birmingham ...	46	44	42	1	15	0·0
	Upper Heyford	47	42	39	1	8	*
4	Ross-on-Wye	48	44	36	0·5	2	0·0
5	Portland Bill ...	49	44	*	1	-	*
	Plymouth ...	54	47	44	8	0·6	1·4
	The Lizard ...	52	46	*	3	0·2	*
	Scilly (St. Mary's)	53	45	*	16	5	0·4
	Guernsey ..	56	46	44	3	0·3	2·2
6	Pembroke ...	50	42	*	2	-	0·0
7	Holyhead ...	48	43	40	3	5	0·0
	Chester (Sealand)	48	44	42	0·4	6	0·0
8	Manchester ...	49	43	42	0·3	4	0·0
10	Spurn Head ...	44	42	*	1	5	0·8
	Catterick ...	46	40	40	Tr	15	0·0
	Tynemouth ...	42	40	39	-	3	0·0
11	Inchkeith ...	43	39	38	-	-	0·0
	Leuchars ...	43	40	39	0·2	0·6	0·0
12	Renfrew (Abbotsl.)	46	41	40	Tr	Tr	0·5
	Eskdalemuir ...	44	37	37	Tr	0·2	0·0
	Point of Ayre..	47	41	*	Tr	1	0·0
13A	Tiree	45	41	40	-	-	0·0
13B	Stornoway ...	45	40	*	-	-	1·2
15	Dalwhinnie ...	41	34	32	-	Tr	0·3
	Aberdeen ...	41	40	40	0·1	2	0·0
	Wick ...	41	40	*	0·6	1	*
16	Lerwick ...	42	37	*	0·5	0·2	0·0
17	Blacksod Point	44	40	*	Tr		*
18	Malin Head ...	45	42	*	Tr	Tr	0·0
	Aldergrove ...	47	41	39	Tr	Tr	0·1
19	Birr Castle ...	51	42	42	0·2	1	1·0
20	Valentia Obsy. †	51	44	43	1	0·1	0·0
	Roches Point	48	46	*	4	1	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	rrfcz	cmd.m	d.crcm	53	41	32	2	12	0·0	*	*	6
Croydon	217	crmcddd	m.cid.r	c.rr.cbcm	54	45	40	2	11	0·2	*	*	6
Greenwich (Royal Observatory)...	149	rfm	cm	rc	53	42	31	1	10	0·0	91	88	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	53	43	36	11		0·0	91	89	*
Regents Pk. (Botanic Gardens)‡...	166	*	*	*	53	42	37	11		0·0	93	93	*
Camden Square	110	cror	o	*	51	44	34	2	11	*	*	86	*
Kensington	80	orz	oror2	*	52	43	36	2	9	0·0	At 18h. 93	93	*
Hampstead Observatory	440	or	cor	or	50	42	36	0·3	11	0·0	*	97	*

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

South Kensington. Max.	Time.	Min.	Time.
1·3	13–18h 2nd	<0·3	3–5h 3rd

Kew Observatory. Max.	Time.	Min.	Time.
0·6	14h 2nd	<0·1	4h 3rd

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 2nd April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 3rd April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	997·0	W	3	c/pr	52	1000·2	S	1	C	46
Brussels	997·4	SE	3	c	54	1000·2	S	2	C	46
Berlin	1009·5	E'S	3	0	54	1007·4	ESE	4	c	48
Zürich	1003·8	N	2	c	55	1000·4	NNW	2	bc	45
Rome	1008·2	W	3	bc	57					

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
61	43	7	-
57	45	Tr	0·6
61	*	-	*
63	43	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. 8	32–38 39–46	12	> 75

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

TERMS OF SUBSCRIPTION. Single Copies, 1d. each: by post 1½d. 2/6 per month; 5/6 per quarter; 25/- per year.

METEOROLOGICAL OFFICE, AIR MINISTRY, ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 4th April, 1937.
No. 27527.

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

District	Stations. (For heights see p. 4.)	Baromr. 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)	1000·3	+8	ESE	2	c	56	65	8	2	-	1	7-8	7-8	2600
	Croydon ...	999·7	+2	SE	3	c	59	55	7	2	6	6	4-6	7-8	2500
	S. Farnborough	999·8	+6	SSE	3	c	57	55	7	1	5	-	4-6	7-8	4000
	Boscombe Down	999·1	+4	SEE	4	c	53	85	7	5	1	1	7-8	9+	2500
	Calshot (Sthmtn.)	1000·9	+16	ESE	3	c	51	92	7	8	-	6	2-3	7-8	2500
	Lympne ...	1001·4	+4	S'SW	2	c	53	75	8	1	4	2	2-3	7-8	2500
	Manston ...	1000·7	+6	SSW	2	c	55	75	8	7	-	8	4-6	7-8	2500
2	Shoeburyness ...	1001·0	+12	SE	2	c	58	75	8	3	7	6	2-3	7-8	4000
	Felixstowe ...	1001·7	+14	SE	2	c	53	75	7	8	8	6	2-3	9	2500
	Gorleston ...	1001·7	+16	-	0	c	46	92	4	5	-	-	10	10	1600
	Mildenhall ...	1000·9	+10	SSE	1	c	57	65	8	2	3	6	4-6	9+	2500
	Cranwell ...	1000·8	+12	E	1	z_o	55	75	6	8	-	6	9	9+	1600
3	Birmingham ...	1000·3	+14	SSE	2	bc	56	65	8	8	-	-	4-6	4-6	1500
	Upper Heyford	1000·9	+14	SE'S	1	z_o	54	75	6	8	-	2	4-6	4-6	1500
4	Ross-on-Wye	999·6	+10	E	2	c	55	65	7	2	7	2	4-6	7-8	4000
5	Portland Bill ...	997·9	+10	SSE	3	$r_o r_o$	48	92	6	5	-	-	10	10	1600
	Plymouth ...	996·5	+16	E'S	3	$d_o d_o$	48	92	5	6	1	-	9	10	800
	The Lizard ...	995·6	+16	NE	2	c	51	85	8	8	6	-	7-8	9	1500
	Scilly (St.Mary's)	996·3	+14	N	2	c	52	85	8	8	7	-	7-8	9+	2500
	Guernsey ...	996·6	+14	S'E	3	c	53	85	7	6	7	-	4-6	7-8	2500
6	Pembroke ...	997·1	+6	SE	3	c	54	75	7	5	7	-	7-8	9+	4000
7	Holyhead ...	998·8	+18	S'W	1	c/r	49	92	5	5	7	-	9	9	2500
	Chester(Sealand)	999·0	+20	SE	3	z_o	58	65	6	8	-	-	4-6	4-6	4000
8	Manchester ...	999·5	+12	S'W	3	c	57	65	7	8	7	-	7-8	9+	1500
10	Spurn Head ...	1000·8	+14	SE'E	4	oF	44	97	1	5	-	-	10	10	<150
	Catterick ...	1000·4	+16	-	0	z_o	52	85	6	5	-	-	7-8	7-8	1500
	Tynemouth ...	1000·9	+18	S	2	f	43	97	3	5	-	-	10	10	800
11	Inchkeith ...	1002·2	+8	NE	4	ic_o	41	97	6	5	-	-	10	10	2500
	Leuchars ...	1003·3	+10	NNE	3	$d_o d_o$	43	97	4	5	-	-	10	10	220
12	Renfrew (Abbots I.)	1001·4	+2	ENE	3	c/r	46	85	6	5	2	-	9+	10	1500
	Eskdalemuir ...	1000·7	+10	E'N	3	$d_o d_o$	44	97	6	5	-	-	10	10	220
	Point of Ayre...	999·4	+16	ESE	2	bc	47	97	7	5	4	-	2-3	4-6	800
13A	Tiree	1002·2	+4	NNE	4	c	46	85	8	5	7	-	4-6	7-8	2500
13B	Stornoway ...	1005·3	+4	NE	4	c	45	85	7	5	2	-	4-6	10	2500
15	Dalwhinnie ...	1005·2	+4	NE	3	c	39	92	7	4	2	-	4-6	10	2600
	Aberdeen ...	1005·4	+14	ENE	2	c/r	42	97	5	5	-	-	10	10	450
	Wick ...	1007·2	+8	ESE	3	id_o	42	97	5	5	-	-	10	10	220
16	Lerwick ...	1011·6	+8	SE	6	$r_o r_o$	41	92	6	6	2	-	9	10	800
17	Blacksod Point	1002·6	+14	NNE	4	c	47	85	7	-	2	-	0	10	-
18	Malin Head ...	1001·6	+4	N	2	c	45	97	6	5	2	-	9	10	1500
	Aldergrove ...	1000·2	+10	NE'N	3	id_o	43	97	6	5	2	-	9+	10	450
19	Birr Castle ...	1000·6	+16	N	1	$r_o r_o$	44	97	7	5	-	-	10	10	2500
20	Valentia Obsy.†	1001·7	+14	N	3	z_o	50	75	6	5	-	-	9+	9+	1500
	Roches Point	1000·1	+22	N	3	c	48	85	7	5	1	-	7-8	10	1500

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

District	Stations. (For heights see p. 4.)	Baromr. 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)	1001·6	+14	SSE	2	bc	56	65	6	2	5	4	2-3	2-3	2500	1	*
	Croydon ...	1001·4	+14	SSE	3	bc	55	65	7	8	4	2	1	2-3	4000	1	*
	S. Farnborough	1001·4	+14	SE'E	2	bc	54	65	7	1	3	-	Tr	2-3	4000	1	*
	Boscombe Down	1001·0	+14	SE	3	c	50	85	8	8	7	2	2-3	7-8	4000	1	*
	Calshot (Sthmtn.)	1001·2	+10	E	3	c	49	92	7	8	7	-	4-6	9	4000	1	*
	Lympne ...	1002·4	+10	WSW	1	c	54	65	8	-	-	6	0	9	-	1	2
	Manston ...	1001·9	+6	SE'S	2	c	53	65	7	-	-	8	0	9	-	1	*
2	Shoeburyness ...	1002·1	+8	E'S	3	c	52	85	7	3	8	5	1	7-8	4000	1	*
	Felixstowe ...	1002·9	+10	ESE	1	c	48	85	6	8	2	8	2-3	9+	2500	1	2
	Gorleston ...	1003·2	+8	-	0	z_o	45	92	5	5	-	-	7-8	7-8	2500	1	2
	Mildenhall ...	1002·0	+14	NE'N	2	cpp	53	85	8	9	6	-	9	9+	1500	1	*
	Cranwell ...	1002·5	+18	E'S	3	z_o	51	92	5	5	-	6	4-6	4-6	450	1	*
3	Birmingham ...	1001·9	+12	ESE	1	bc	54	45	8	-	6	+4	0	4-6	-	1	*
	Upper Heyford	1001·9	+10	NNE	1	bc	54	65	7	8	3	2	2-3	4-6	4000	1	*
4	Ross-on-Wye	1001·5	+14	SW	2	pHR	50	85	7	9	1	-	9+	10	2500	1	*
5	Portland Bill ...	1000·1	+16	E	3	c	47	92	8	4	-	-	7-8	7-8	2500	2	3
	Plymouth ...	999·6	+22	ENE	3	z_o	48	92	6	5	2	-	9	10	800	1	1
	The Lizard ...	1000·1	+20	N	3	c	48	97	8	8	2	-	9	10	1500	1	2
	Scilly (St.Mary's)	1000·6	+20	N'W	3	c	50	85	8	8	6	-	7-8	9	2500	1	2
	Guernsey ...	998·9	+20	ESE	1	c	50	85	7	5	1	-	9	10	4000	1	2
6	Pembroke ...	1000·5	+14	N'E	2	c	49	85	7	8	2	-	4-6	9+	2500	1	1
7	Holyhead ...	1002·2	+20	-	0	r_o	48	92	6	9	6	-	4-6	7-8	2500	1	0
	Chester(Sealand)	1001·7	+20	W'N	3	c	50	75	7	8	-	-	9	9	4000	1	*
8	Manchester ...	1001·7	+12	-	0	z_o	56	75	6	8	3	-	7-8	9	2500	1	*
10	Spurn Head ...	1002·8	+14	SE'E	3	f	40	97	1	5	-	-	10	10	<150	0	2
	Catterick ...	1003·0	+16	NE	1	f	50	85	3	8	-	-	10	10	2500	1	*
	Tynemouth ...	1003·9	+20	SSE	2	f	43	97	2	5	-	-	10	10	800	1	3
11	Inchkeith ...	1004·1	+6	ENE	4	oF	41	97	1	5	-	-	10	10	<150	1	2
	Leuchars ...	1005·2	+12	NNE	3	$d_o d_o$	42	97	4	5	-	-	10	10	220	1	*
12	Renfrew (Abbots I.)	1004·2	+24	E'N	2	o/d_o	44	92	5	5	-	-	10	10	800	1	*
	Eskdalemuir ...	1003·8	+20	N'E	2	o	43	97	4	6	-	-	10	10	<150	1	*
	Point of Ayre...	1002·2	+16	S'W	2	bc	49	97	8	-	4	5	0	4-6	-	1	2
13A	Tiree	1003·7	+8	NNE	2	c	45	92	7	6	-	-	9+	9+	2500	0	2
13B	Stornoway ...	1006·2	+8	ENE	3	c	45	85	6	5	7	-	4-6	10	1500	1	2
15	Dalwhinnie ...	1007·1	+16	NE	3	ir_o	39	92	6	5	7	-	10	10	1500	4	*
	Aberdeen ...	1008·0	+18	E	3	rr	42	97	5	6	-	-	10	10	800	1	3
	Wick ...	1008·4	+12	ESE	4	o	42	97	6	5	-	-	10	10	450	1	3
16	Lerwick ...	1013·2	+12	S	4	c	41	85	7	8	2	-	9	10	800	1	*
17	Blacksod Point	1004·7	+12	N	4	bc	47	85	7	4	3	-	4-6	4-6	800	0	3
18	Malin Head ...	1003·3	+10	N	2	dr	44	97	6	6	-	-	10	10	1500	0	1
	Aldergrove ...	1002·0	+12	-	0	z_o	45	97	6	5	2	-	9+	10	450	1	*
19	Birr Castle ...	1002·3	+14	NNW	1	$r_o r_o$	44	97	7	5	-	-	10	10	2500	1	*
20	Valentia Obsy.†	1004·3	+18	N'W	3	c	48	85	7	5	-	-	9	9	4000	1	2
	Roches Point	1002·8	+18	N	3	ir_o	47	85	6	5	7	-	4-6	10	1500	1	3

PAST 24 HOURS.

District	Stations. (For heights see p. 4.)	WEATHER. 7h.—13h. ...3rd... (37)	13h.—18h. ...3rd... (38)	18h.–3rdto 1h.4th... (39)	1h.—7h. ...4th... (40)
1	London (Kew)	cz_o	cbcy	bcybf	FxFe
	Croydon ...	cm_obcy	bcybc	bbcm$_o$mw	bmbcmw
	S. Farnborough	cm_obcy	bcyb	bm_obx	bxofbF
	Boscombe Down	cm_oc	c	$c$cr$_o$c	cbcm$_o$
	Calshot (Sthmtn.)	bcm$_o$	bcc	c pr$_o$bc	bccbwm
	Lympne ...	co$_o$mbc	bcbcy	bcbm$_o$w	bm$_o$fcw
	Manston ...	bcm$_o$c	cbcc	cbm$_o$	bcoffcm
2	Shoeburyness ...	bcm$_o$bc	bcc	cbm$_o$	b$_o$FeFe
	Felixstowe ...	cm$_o$bcc	ccm$_o$	cm$_o$bc	bccm$_o$
	Gorleston ...	ozmz	omfcm	coffc	or$_o$rm
	Mildenhall ...	omcmz$_o$	cbcycPRcPRcm	cmoffc	
	Cranwell ...	ofcmcm$_o$cz$_o$bcz$_o$	bcmfd$_o$	orfdcm	
3	Birmingham ...	cbc	bc	bcf	ffe
	Upper Heyford	bccocm	bcz$_o$bcy	cbcbf	feFe
4	Ross-on-Wye	cmbcc	cbccpf	crbm$_o$	bcmcm
5	Portland Bill ...	crorc	rorcc	cpr	c
	Plymouth ...	cpr$_o$d$_o$d$_o$	cid$_o$m$_o$	cm$_o$	cm$_o$w
	The Lizard ...	cpr$_o$d$_o$d$_o$	cid$_o$m$_o$	cm$_o$	cm$_o$w
	Scilly (St.Mary's)	c	cpr$_o$c	cbcc	cw
	Guernsey ...	c	cbcc	bbcc	cbccw
6	Pembroke ...	orrr$_o$	rr	cor$_o$ir	orc
7	Holyhead ...	bcm$_o$c	cpr$_o$c	c	c
	Chester(Sealand)	rrfc	c$_o$bm$_o$	bcbm	FeFeo
8	Manchester ...	ofmmbczz$_o$bczbybc	cm$_o$	cm$_o$mw	
10	Spurn Head ...	cm$_o$z$_o$c	cbcycm	cm$_o$m	bccmm$_o$
	Catterick ...	mFf	Ff	Ff	fforr
	Tynemouth ...	r$_o$d$_o$m$_o$fm$_o$cm$_o$f	cf	fod$_o$m$_o$r$_o$	
11	Inchkeith ...	oirff	oclf	off	oifir
	Leuchars ...	cifid$_o$	id$_o$Fw	FFw	FdFFw
12	Renfrew (Abbots I.)	omr$_o$d$_o$d$_o$	omr$_o$d$_o$d$_o$	omd$_o$dd	omd$_o$dd
	Eskdalemuir ...	cm$_o$r$_o$r$_o$	cm$_o$d$_o$d$_o$	cm$_o$d$_o$d$_o$	cm$_o$c
	Point of Ayre...	air$_o$d$_o$d$_o$	od$_o$d$_o$om	om$_o$	oid$_o$
13A	Tiree	rroc	cbc	bc	bcc
13B	Stornoway ...	c	c	c	c
15	Dalwhinnie ...	bcyc	c	cpr$_o$z$_o$	c
	Aberdeen ...	fircc	c		ciro
	Wick ...	or$_o$ir	or$_o$pair	orrc	oid$_o$o
16	Lerwick ...	id$_o$m$_o$	id$_o$m$_o$	om$_o$	om$_o$m$_o$
17	Blacksod Point	cfbm$_o$	crr$_o$r$_o$	c	c
18	Malin Head ...	c	bc	c	c
	Aldergrove ...	cz$_o$z$_o$	cmdr	oddc	bcz$_o$
19	Birr Castle ...	cirr$_o$m$_o$cid$_o$m$_o$	cid$_o$m$_o$	cm$_o$mw	
20	Valentia Obsy.†	id$_o$r$_o$	or$_o$r$_o$	r$_o$r$_o$c	c
	Roches Point	cz$_o$	cz$_o$bcc	cbcbw	bwbcc
		oid$_o$c	ccir$_o$	circ	oidcz$_o$

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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. ,, wet.
2 .. ,, flooded.
3 .. ,, frozen hard and dry.
4 .. ,, partly covered with snow or hail.
5 .. ,, covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 .. ,, covered with snow, less than 6 ins., but 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.*

† Sun disturbance reported from Dungeness.

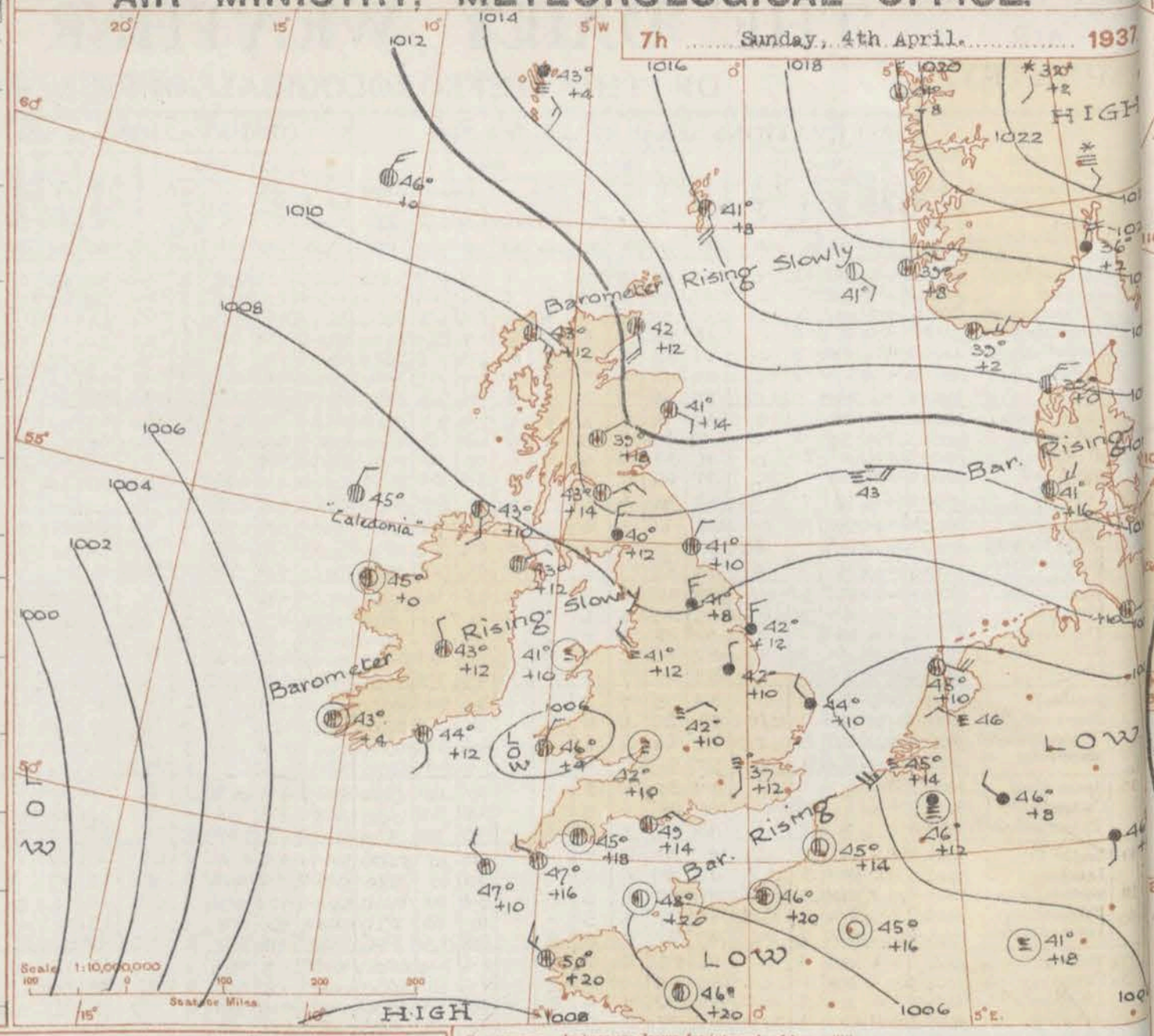
REPORTS from HEALTH RESORTS for 3rd April 1937.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (F) Min. 9h 2nd to 9h 3rd.	Temperature (F) Max. 9h.—17h. 3rd.	Rainfall (mm) Night. 17h 2nd to 9h 3rd.	Rainfall (mm) Day. 9h.—17h. 3rd.	Sunshine (Hrs) Sunrise to 17h. 3rd.	Sunrise to Sunset. 2nd.
1	Tunbridge W.	coc	cbcb	41	60	6	–	4·9	0·1
	Bournemouth	pbco	o	43	52	–	–	2·0	0·0
	Ventnor ...	pbcb	bccw	45	55	–	–	7·7	0·2
	Southsea ...	b	bcbc	43	64	0·3	–	7·4	0·1
	Bognor Regis	b	bcbc	42	52	3	–	7·5	0·3
	Littlehampton	bc	bc	43	53	5	–	6·3	0·0
	Worthing ...	b	bbcc	44	53	4	–	6·7	0·1
	Brighton ...	cb	bc	45	55	6	–	7·1	0·2
	Eastbourne† ...	b	b	46	54	9	–	10·5	0·5
	Hastings† ...	bcbcb	b	45	55	9	–	8·7	1·1
	Folkestone ...	cbc	bc	43	55	8	–	5·8	0·7
	Dover ...	bc	bc	45	55	6	–	8·4	1·7
	Deal	acobc	b	43	58	7	–	6·9	1·7
	Ramsgate ...	bcb	b	43	57	7	–	7·0	1·4
	Margate ...	cbc	bc	44	58	7	–	6·0	1·6
2	Southend ...	bcb	b	42	57	7	–	7·5	0·3
	Maldon ...	cb	b	41	60	6	–	5·9	0·8
	Clacton-on-Sea	bc	bc	43	59	7	–	7·7	0·1
	Dovercourt ...	rocbc	bc	44	54	8	–	6·4	0·2
	Lowestoft ...	com.c	bcbbc	43	51	2	–	3·2	0·6
	Skegness ...	cf o	cf of	42	47	5	–	0·0	0·0
	Mablethorpe...	otm.	cm ff	41	56	6	–	0·1	0·8
	Cleethorpes ...	bc	bccm	42	50	5	–	4·2	0·6
3	Leamington S.	bc	bbc	44	59	14	–	6·0	0·6
4	Cheltenham†	cbc	bc	45	58	2	–	6·1	0·0
5	Bath	cbc	crc	42	55	0·3	1	1·5	0·0
	Weymouth ...	c	ir.c	46	50	Trace	0·6	0·3	1·4
	Jersey ...	bccrc	cpc	46	52	3	2	0·9	3·0
	Torquay ...	bcop.	ofod.	47	51	0·2	1	1·2	1·6
	Penzance ...	doid	cbcdc	45	55	1	0·5	1·2	1·4
	St. Ives ...	c	pr	45	53	1	0·5	1·1	2·2
	Bude... ...	bc	bc	44	56	0·3	.	6·6	1·5
	Ilfracombe ...	pcbcc	rcbcc	44	54	0·2	3	2·2	0·6
6	Aberystwyth	cbc	bcc	44	54	Trace	–	2·4	2·1
7	Llandudno ...	c	cbcr	43	54	6	0·3	2·6	0·0
	Colwyn Bay...	mco	pcopc	43	52	5	1	1·9	0·0
	Rhyl	ebcm.	bccbc	43	54	6	–	2·0	0·0
8	Wallasey ...	ucbc	bc	44	61	8	–	3·8	0·0
	Southport ...	bcc	bc	43	60	5	–	2·8	0·0
	Blackpool ...	cbc	c	43	57	8	–	3·8	0·0
	Morecambe ...	cbcbc	bcmbc	43	54	10	–	3·0	0·1
9	Ilkley... ...	c	c	41	56	9	–	3·3	0·0
	Harrogate ...	oc	cbc	41	55	13	–	1·2	0·0
10	Berwick-on-T.	odrm	d.Fo	40	43	3	2	0·0	0·0
11	Dunbar ...	omr.	orf	40	42	3	1	0·0	0·0
12	Troon... ...	orore	coco	38	44	Trace	1	0·0	0·7
	Douglas ...	croz	bcz	41	50	2	0·5	3·2	0·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Sunday, 4th April. 1937



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
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, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light north to northeast winds; cloudy; occasional rain ; local fog; average temperature.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England	Light variable winds; local fog; cloudy; occasional rain; average temperature.
9 N. Midlands ... 10 N.E. England	As 1 - 4.
11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Moderate easterly wind; cloudy; occasional rain; average temperature.
13 { A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland	Moderate east to southeast winds; mainly fair; average temperature.
15 N. E. Scotland 16 Orkney and Shetland	Moderate south to southeast wind; cloudy; occasional rain; average temperature.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Light variable winds becoming moderate southerly later; cloudy; average temperature.

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

GENERAL INFERENCE.

A complex depression over the Continent is filling up while a deep depression on mid-Atlantic is moving eastwards. There will be occasional rain or drizzle in most districts.

FURTHER OUTLOOK.

No change.

Forecasts issued at 1030 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.
Director.

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

Morning of

SUNDAY,
4TH APRIL

1937.

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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 4th April, 1937.
No. 27527.

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. 0-Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility. 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1004·7	+14	SE'S	1	z_o	40	92	6	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1005·1	+10	E'N	3	z_o	45	92	5	-	-	-	0	0	-
	Manston ...	142	1004·7	+8	~~NNE~~ SE	1	z_o	46	92	5	-	-	5	0	2-3	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1005·6	+6	-	0	F	44	97	2	-	-	-	10	10	<150
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1003·7	+10	ENE	3	c	48	85	7	4	4	-	4-6	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1004·6	+16	NNW	2	c	45	92	7	4	-	-	9	9	2500
	Scilly (St. Mary's)	163	1004·9	+10	NW	3	c	47	97	7	2	-	-	7-8	7-8	2500
	Guernsey ..	175	1003·0	+18	NWN	1	rr	48	97	6	5	-	-	10	10	1500
6	Pembroke ...	142	1004·3	+4	NE'E	2	c	47	85	7	5	-	-	9+	9+	2500
7	Holyhead ...	26	1005·6	+10	NNW	2	m	42	97	4	5	-	-	2-3	2-3	800
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1006·0	+10	N	4	F-	42	97	3	5	-	-	10	10	<150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1007·3	+8	E	2	F	41	97	2	5	-	-	10	10	800
11	Inchkeith ...	190	1008·1	+12	ENE	3	F	40	97	1	5	-	-	10	10	<150
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1005·8	+12	E	2	bc	43	97	7	-	4	-	0	2-3	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1007·7	+4	ESE	4	c	44	85	7	5	7	-	4-6	7-8	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1011·2	+6	SSE	4	o	42	97	6	5	-	-	10	10	450
16	Lerwick ...	156	1015·2	+10	S	4	c	41	85	7	8	2	-	9	10	450
17	Blacksod Point	18	1005·9	+6	N	2	c	46	92	7	5	-	-	10	10	800
18	Malin Head ...	83	1005·9	+10	N	1	c	44	97	6	9	2	-	9	10	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1005·9	+2	-	0	b	43	97	6	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. 0-Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 * (30)
1	London (Kew)	1007·1	+16	SW'S	1	F	37	97	0	-	-	-	10	10	<150	1	*
	Croydon ...	1006·3	+12	S	1	m	37	97	4	-	-	6	0	4·6	-	1	*
	S. Farnborough	1007·1	+14	-	0	bF	32	97	1	-	-	-	0	0	-	1	*
	Boscombe Down	1006·4	+12	NNE	2	bc	39	95	6	-	4	1	0	2·3	-	1	*
	Calshot (Sthmtn.)	1006·3	+18	NNW	1	z_o	44	97	6	-	3	2	0	4·6	-	1	1
	Lympne ...	1006·7	+10	NNE	2	c/f	43	97	5	-	1	6	0	9+	-	1	55 1
	Manston ...	1006·1	+12	-	0	m/f	44	97	4	-	-	7	0	10	-	1	*
2	Shoeburyness ...	1006·5	+10	-	0	F	41	97	1	-	-	-	10	10	<150	1	*
	Felixstowe ...	1006·5	+10	-	0	z_o	45	97	5	5	2	-	7-8	10	2500	1	2
	Gorleston ...	1006·6	+10	NW	1	$r_o r_o$	44	97	4	6	-	-	10	10	800	1	2
	Mildenhall ...	1006·5	+14	NNW	1	f-	45	97	3	-	-	-	10	10	<150	1	*
	Cranwell ...	1007·5	+10	N'W	1	id_o	42	97	4	5	-	-	10	10	450	1	*
3	Birmingham ...	1007·9	+10	ENE	2	f	42	97	2	-	-	-	10	10	<150	1	*
	Upper Heyford	1007·2	+14	NNE	1	F	42	97	1	-	-	-	10	10	<150	1	*
4	Ross-on-Wye	1007·0	+10	-	0	m	42	97	4	5	8	-	7-8	9+	800	1	*
5	Portland Bill ...	1006·1	+14	ENE	3	c	49	85	7	4	4	-	7-8	10	2500	1	3
	Plymouth ...	1006·4	+18	-	0	c	45	97	8	5	7	-	4-6	7-8	2500	1	0
	The Lizard ...	1006·7	+16	W'N	1	c	47	97	7	5	-	-	9+	9+	1500	1	2
	Scilly (St. Mary's)	1007·1	+10	WNW	2	c	47	97	6	5	-	-	10	10	2500	1	1
	Guernsey ..	1006·0	+20	-	0	c	48	97	7	8	-	-	10	10	2500	1	2
6	Pembroke ...	1005·9	+4	NE'N	1	c	46	85	7	6	2	-	7-8	9+	2500	1	1
7	Holyhead ...	1006·8	+10	-	0	F	41	97	1	-	-	-	10	10	<150	1	0
	Chester(Sealand)	1007·2	+12	WNW	1	m	41	92	4	5	-	-	10	10	1500	1	*
8	Manchester ...	1007·1	+12	NE	2	z_o	47	85	5	5	2	-	2-3	10	5700	1	*
10	Spurn Head ...	1006·5	+6	N	3	rr	42	97	5	5	-	-	10	10	800	1	3
	Catterick ...	1008·6	+8	N	3	ir_o	41	97	6	5	-	-	10	10	450	1	*
	Tynemouth ...	1009·2	+10	NE	2	c/r	41	97	5	5	-	-	10	10	800	1	2
11	Inchkeith ...	1010·2	+14	NE	3	oF	40	97	1	-	-	-	10	10	<150	1	2
	Leuchars ...	1011·1	+16	NE	2	dd	41	97	4	5	-	-	10	10	220	1	*
12	Renfrew (Abbotsl.)	1010·2	+14	NE'E	3	c	43	92	7	5	-	-	10	10	800	1	*
	Eskdalemuir ...	1009·8	+12	NNE	3	id_o	40	97	5	5	-	-	10	10	<150	1	*
	Point of Ayre...	1007·7	+12	E'N	4	c	43	97	7	-	7	-	0	9	-	1	2
13A	Tiree	1008·5	+10	SE'S	3	c	44	92	8	5	-	-	7-8	7-8	2500	0	2
13B	Stornoway ...	1009·2	+12	ESE	3	c	43	92	8	5	7	-	7-8	9	2500	1	2
15	Dalwhinnie ...	1012·5	+18	NE	1	c	39	92	7	4	2	-	4-6	10	2500	4	*
	Aberdeen ...	1013·0	+14	E	2	o	41	92	6	6	-	-	10	10	800	1	3
	Wick ...	1013·0	+12	SSE	4	o	42	97	6	5	-	-	10	10	800	1	3
16	Lerwick ...	1016·5	+8	SSE	4	c	41	85	8	8	7	-	7-8	9+	800	1	*
17	Blacksod Point	1006·4	0	-	0	c	45	92	7	5	-	-	10	10	800	0	2
18	Malin Head ...	1008·0	+10	S	1	bc	43	97	6	5	-	-	2-3	2-3	1500	1	1
	Aldergrove ...	1007·9	+12	ENE	1	z_o	43	97	5	5	5	-	10	10	450	1	*
19	Birr Castle ...	1006·7	+12	NNW	1	c	43	97	7	5	-	-	10	10	2500	1	*
20	Valentia Obsy.†	1006·2	+4	-	0	c	43	92	7	5	-	-	9+	9+	4000	1	2
	Roches Point	1007·2	+12	S	2	c	44	97	5	5	7	-	4-6	9+	800	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 3rd Hrs. (36)
1	London (Kew)	59	33	30	-	Tr	5·9
	Croydon ...	60	36	32	-	Tr	8·0
	S. Farnborough	58	30	23	-	Tr	7·3
	Boscombe Down	55	38	33	-	Tr	1·0
	Calshot (Sthmtn.)	53	43	39	-	0·1	6·8
	Lympne ...	55	40	35	-	0·1	7·1
	Manston ...	57	39	33	-	Tr	7·6
2	Shoeburyness ...	58	37	31	-	Tr	9·1
	Felixstowe ...	53	41	36	-	-	5·8
	Gorleston ...	47	43	42	-	1	2·8
	Mildenhall ...	63	43	41	5	2·8	4·1
	Cranwell ...	58	41	41	Tr	0·1	3·3
3	Birmingham ...	58	41	27	-	-	6·3
	Upper Heyford	58	38	36	-	0·1	*
4	Ross-on-Wye	57	39	30	2	0·6	3·0
5	Portland Bill ...	49	46	*	2	0·1	*
	Plymouth ...	51	45	41	0·2	-	0·3
	The Lizard ...	53	42	*	0·1	-	*
	Scilly (St. Mary's)	54	46	*	-	Tr	4·5
	Guernsey ..	53	47	44	3	2	2·5
6	Pembroke ...	54	44	*	Tr	0·1	2·6
7	Holyhead ...	53	39	36	6	0·2	3·3
	Chester(Sealand)	60	36	31	-	-	5·1
8	Manchester ...	60	42	33	-	Tr	3·9
10	Spurn Head ...	51	39	*	-	3	2·4
	Catterick ...	53	40	40	0·4	1	1·6
	Tynemouth ...	45	40	39	2	2	1·2
11	Inchkeith ...	41	39	39	1	0·2	0·0
	Leuchars ...	43	41	40	5	2	0·0
12	Renfrew (Abbotsl.)	46	42	42	Tr	Tr	0·0
	Eskdalemuir ...	45	40	40	1	Tr	0·0
	Point of Ayre...	50	40	*	2	-	4·8
13A	Tiree	47	41	39	-	Tr	0·7
13B	Stornoway ...	46	42	*	-	Tr	3·3
15	Dalwhinnie ...	41	37	34	Tr	Tr	0·0
	Aberdeen ...	42	41	40	5	4	0·0
	Wick ...	42	41	*	0·3	-	*
16	Lerwick ...	42	41	*	1	-	0·0
17	Blacksod Point	48	42	*	-	-	*
18	Malin Head ...	45	40	*	0·4	0·3	0·0
	Aldergrove ...	45	39	37	1	Tr	0·0
19	Birr Castle ...	44	42	35	3	0·3	0·0
20	Valentia Obsy.†	52	40	35	-	Tr	2·2
	Roches Point	49	43	*	0·2	1	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (To-day.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	cz_o	cbcy	bcybf	59	33	30	-	Tr	5·9	•	•	1
Croydon	217	cm_obcy	bcybc	bbcmmw	60	36	32	-	Tr	8·0	•	•	3
Greenwich (Royal Observatory)...	149	bc	cyb	bwmf	65	36	28	•	Tr	7·7	56	98	3
City (Sunhill Row)	—	•	•	•	•	•	•	•	•	6·6	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	58	35	32	-	-	2·1	58	91	•
Regents Pk. (Botanic Gardens)‡...	168	•	•	•	58	38	31	-	-	3·6	57	52	•
Camden Square	116	c	cbcc	•	60	38	29	-	Tr	•	•	93	•
Kensington	80	bc	bcz$_o$	•	58	39	30	-	-	3·2	41 18h. 68	96	•
Hailstead Observatory	459	o	bc	bc	56	41	27	-	-	3·4	•	90	•

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
2·0	22-24 h. 3rd.	<0·3	11-15h 3rd.

Kew Observatory.

Max.	Time.	Min.	Time.
1·0	2h 4th	<0·1	14-15h 3rd

FOREIGN OBSERVATIONS.

18h. G.M.T. 3rd April — 7h. G.M.T. 4th 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	1002·1	SE	1	bc	54	1006·1	-	0	b	45
Brussels	1002·4	-	0	ir_o	50	1005·9	-	0	id_o	46
Berlin	1006·2	ESE	2	c	52	1006·0	E	3	o	46
Zurich	1003·9	NW	2	c/r	48	1007·2	WSW	1	c	45
Rome						1005·5	WSW	6	c	59

Past 24 Hours.

Stations	Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris	57	41	Tr	-
Brussels	57	46	1	3
Berlin	54	45	-	-
Zurich	50	43	Tr	1
Rome	•	•		-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 —Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

TERMS OF SUBSCRIPTION. Single Copies, 1d. each: by post 1½d. 2/6 per month: 5/6 per quarter: 22/- per year.

METEOROLOGICAL OFFICE, AIR MINISTRY, ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 5th April, 1937.
No. 27528.

OBSERVATIONS at 13h. G.M.T. 4th 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)	°Fromp. (6)	%Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1007·8	0	NNE	2	f–	55	65	3	5	–	–	Tr	Tr	4000
	Croydon ...	1007·3	–2	E	1	2.	55	65	6	8	5	8	4–6	7–8	4000
	S. Farnborough	1007·5	0	–	0	2.	57	65	5	5	–	–	9+	9+	7200
	Boscombe Down	1007·2	0	SE	1	c	57	65	7	8	–	–	9	9	5700
	Calshot (Sthmtn.)	1007·7	+2	E'S	3	c	51	92	7	8	3	–	2–3	9	2500
	Lympne ...	1008·5	+12	SE	2	2.	53	75	6	6	6	1	2–3	4–6	4000
	Manston ...	1008·1	+6	NNW	2	c	52	75	7	6	7	8	2–3	9	4000
2	Shoeburyness ...	1008·2	+10	ESE	1	2.	53	85	6	3	7	–	2–3	9+	4000
	Felixstowe ...	1008·6	+8	ESE	1	2.	49	85	6	5	2	–	4–6	9+	2500
	Gorleston ...	1008·3	+10	N	2	r.r.	46	92	5	6	–	–	10	10	1500
	Mildenhall ...	1008·4	+6	–	0	2.	50	85	6	5	–	–	10	10	800
	Cranwell ...	1008·5	+2	NW	1	2.	46	92	6	5	–	–	10	10	800
3	Birmingham ...	1008·3	0	ENE	2	m	48	85	4	5	–	–	9	9	800
	Upper Heyford	1009·2	+10	E	1	2.	46	97	5	5	–	–	10	10	450
4	Ross-on-Wye	1008·1	0	E	3	m/f	47	85	4	5	–	–	10	10	800
5	Portland Bill ...	1007·4	+6	SW	3	bc	50	85	7	4	–	–	4–6	4–6	2500
	Plymouth ...	1007·5	+4	SSW	2	bc	55	85	8	8	3	–	1	2–3	2500
	The Lizard ...	1007·6	+8	SW	1	c	53	92	7	7	7	4	4–6	7–8	2500
	Scilly (St. Mary's)	1007·8	+2	SWS	2	2.	53	85	6	5	–	–	10	10	1500
	Guernsey ...	1008·3	+10	NW	2	c	54	85	7	7	7	–	4–6	7–8	2500
6	Pembroke ...	1006·3	+2	SSE	2	bc	53	75	7	8	7	–	2–3	4–6	4000
7	Holyhead ...	1007·3	0	E'N	4	2.	50	85	5	5	8	–	4–6	4–6	4000
	Chester (Sealand)	1007·9	+2	SE'S	2	2.	49	85	5	5	–	–	10	10	1500
8	Manchester ...	1008·1	0	NEN	2	c/r	49	75	6	6	7	–	2–3	9+	800
10	Spurn Head ...	1008·5	+8	NNE	2	r r	43	97	5	5	–	–	10	10	800
	Catterick ...	1008·6	+6	N'E	3	r.r.	42	97	5	6	–	–	10	10	450
	Tynemouth ...	1010·2	+4	NE	2	2.0	41	97	6	5	–	–	10	10	800
11	Inchkeith ...	1012·0	+8	NE	4	F	40	97	1	5	–	–	10	10	<150
	Leuchars ...	1012·8	+6	NNE	2	id.	42	97	4	5	–	–	10	10	450
12	Renfrew (Abbotsl.)	1011·4	+6	ENE	4	ir.	45	85	6	5	–	–	10	10	800
	Eskdalemuir ...	1011·0	+4	NNE	4	2.	41	97	5	5	–	–	10	10	<150
	Point of Ayre ...	1008·9	+8	E'N	3	r.r.	44	97	7	5	–	–	10	10	800
13A	Tiree	1009·7	+2	SE	4	c	51	75	8	–	3	–	4–6	7–8	–
13B	Stornoway ...	1011·3	+4	ESE	3	bc	49	75	8	5	4	–	2–3	2–3	4000
15	Dalwhinnie ...	1013·0	–2	S	3	c	44	75	7	4	2	–	4–6	10	2500
	Aberdeen ...	1014·2	+4	ENE	3	2.	42	92	6	5	–	–	10	10	800
	Wick ...	1015·0	+8	SSE	4	c	42	97	7	5	2	–	7–8	10	800
16	Lerwick ...	1016·8	–2	SSE	2	bc	46	75	8	8	7	–	2–3	4–6	1500
17	Blacksod Point	1006·4	0	SE	3	c	51	75	7	9	–	–	7–8	7–8	800
18	Malin Head ...	1009·1	+6	SSE	2	2.	46	92	6	5	–	–	4–6	4–6	2500
	Aldergrove ...	1008·9	+2	E	2	2.	47	85	6	5	2	–	9+	10	800
19	Birr Castle ...	1007·0	0	ESE	1	c	52	75	8	5	–	–	9+	9+	2500
20	Valentia Obsy. †	1005·8	–6	SSE	3	c	51	75	7	5	7	–	7–8	10	1500
	Roches Point	1007·4	+4	SE	3	c	47	92	8	8	7	–	4–6	9+	1500

OBSERVATIONS at 18h. G.M.T. 4th 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)	°Fromp. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1008·5	+10	S	2	2.	55	75	5	5	–	–	9	9	2500	1	*
	Croydon ...	1008·1	+2	SSE	2	2.	54	75	6	8	7	3	4–6	9	4000	1	*
	S. Farnborough	1008·5	+10	SWS	1	bc	54	75	7	4	4	–	1	2–3	5700	1	*
	Boscombe Down	1008·4	+8	NE	2	c	51	85	7	5	3	1	4–6	7–8	4000	1	*
	Calshot (Sthmtn.)	1008·6	+10	SSW	2	b	52	85	7	5	3	–	1	1	4000	1	2
	Lympne ...	1009·9	+12	ES	3	2.	48	85	6	8	3	3	1	2–3	4000	1	1
	Manston ...	1009·6	+12	ENE	1	f	46	97	2	5	7	–	7–8	9+	<150	1	*
2	Shoeburyness ...	1009·3	+12	ESE	2	c	47	92	7	9	7	5	7–8	9+	1500	1	*
	Felixstowe ...	1009·6	+10	S	1	f–	43	97	3	–	3	8	0	4–6	–	1	1
	Gorleston ...	1009·4	+8	–	0	c	44	97	5	5	–	–	9+	9+	2500	1	2
	Mildenhall ...	1009·1	+6	–	0	2.	50	85	6	5	3	–	9	9+	2500	1	*
	Cranwell ...	1008·2	+4	–	0	2.	47	85	6	5	–	–	10	10	800	1	*
3	Birmingham ...	1008·7	+4	SE	2	2.	51	75	6	–	–	9	0	1	–	1	*
	Upper Heyford	1009·1	+8	E	1	2.	50	85	6	8	3	1	2–3	7–8	2500	1	*
4	Ross-on-Wye	1008·3	–2	SE	2	2.	50	85	5	5	–	–	7–8	7–8	4000	1	*
5	Portland Bill ...	1008·4	+10	SSW	3	c	48	85	7	4	–	1	4–6	9	2500	1	3
	Plymouth ...	1007·9	+2	SSW	1	2.	51	92	6	2	–	6	1	7–8	2500	1	1
	The Lizard ...	1007·7	0	S	1	2.	49	97	5	5	1	–	7–8	10	1500	1	2
	Scilly (St. Mary's)	1007·3	–4	SE	2	c	50	92	6	5	6	–	4–6	7–8	2500	1	1
	Guernsey ...	1008·1	+4	WNW	1	bc	52	85	7	5	7	–	2–3	4–6	2500	1	1
6	Pembroke ...	1006·5	+2	S	2	c	48	85	7	5	6	2	4–6	9	4000	1	1
7	Holyhead ...	1007·3	+2	E	4	2.	47	85	6	5	8	–	4–6	7–8	4000	1	2
	Chester (Sealand)	1007·8	+2	NE	2	m	52	85	4	5	–	–	10	10	1500	1	*
8	Manchester ...	1008·3	+6	ENE	2	f	49	75	3	5	–	–	10	10	2500	1	*
10	Spurn Head ...	1009·8	+8	E'N	2	r.r.	43	97	5	5	–	–	10	10	450	1	2
	Catterick ...	1010·1	+4	NNE	2	rf	42	97	2	5	–	–	10	10	220	1	*
	Tynemouth ...	1010·8	+4	ENE	2	c/r	41	97	6	–	2	–	10	10	800	1	2
11	Inchkeith ...	1012·4	+2	NE	4	F	40	97	1	5	–	–	10	10	<150	1	3
	Leuchars ...	1013·0	+2	NE	3	m	41	97	4	5	–	–	10	10	450	1	*
12	Renfrew (Abbotsl.)	1011·3	–2	E'N	3	2.	43	92	6	5	–	–	10	10	800	1	*
	Eskdalemuir ...	1011·0	+2	N	2	rr	40	97	5	–	2	–	10	10	220	1	*
	Point of Ayre ...	1008·6	–4	E	3	rr	43	97	7	8	–	–	10	10	800	1	2
13A	Tiree	1009·3	0	SE	2	bc	49	85	8	–	3	6	0	4–6	–	0	2
13B	Stornoway ...	1011·4	0	ESE	4	bc	47	85	8	–	4	–	0	2–3	4000	1	2
15	Dalwhinnie ...	1013·4	+2	SW	4	c	41	85	6	5	6	–	4–6	10	1500	4	*
	Aberdeen ...	1014·7	+4	E	2	c/d	41	97	6	5	–	–	10	10	800	1	2
	Wick ...	1015·2	+4	SE	4	c	41	85	7	5	2	–	7–8	10	800	1	3
16	Lerwick ...	1018·5	+12	ESE	3	bc	44	75	8	4	–	8	2–3	4–6	2500	0	*
17	Blacksod Point	1005·7	–8	SE	3	c	50	75	8	5	–	–	9	9	800	0	3
18	Malin Head ...	1008·5	–6	E'N	3	c	46	97	6	5	7	–	7–8	9+			
	Aldergrove ...	1008·6	–2	E'N	3	r.r.	45	97	6	5	2	–	9	10	800	1	*
19	Birr Castle ...	1006·3	–6	SW	1	c	53	75	8	5	–	–	9+	9	2500	1	*
20	Valentia Obsy. †	1004·5	–10	ESE	3	c	50	85	7	5	1	–	4–6	9+	1500	1	2
	Roches Point	1006·2	–6	SE	3	c	47	97	8	5	1	–	4–6	9+	1500	1	2

PAST 24 HOURS.

Weather. 7h.–13h. (37)	13h.–18h. (38)	18h. 4th to 1h. 5th (39)	1h.–7h. 5th (40)
Febff	bfbcc	cbcb	ffe
bcwcfz.	bcz.ccz.	bm.w	bccmwf
bFbcm	cz.cbc	bcbm.m	bfoFFe
bcc	cprc	cbcm.	bm., F
bcmcc	cpcb	bwm.	bwcmcm.
cmbcz.	bcz.	bcbm.c	bccwF
cmbcc	cprsfe	coFFe	Fbcmf
Fefm.c	cm.c	cp.fefe	fefe
cid.cm.	cm.f	bcf, ff	off
or.r.	or.cz.	oz.Ff	FFe
offcd.d.c	cz.	cz.cm	cmoffe
r.r.d.d.o	om.co	cm.	oFe
c	cbcz	cf	ffe
Fe.of.d.c	cbcz.	bccfFe	Fe
cmomff	omcm	cmom	omoff
cbc	bcc	bc	cff
cm.bc	bbcm.	bccm.b	bbccidg
cmbcc	cm	cbcco	omrrd
cm.	cm.	ir.m.	rrdfdf
cbc	cbc	bccw	cwc
cbc	occ	b, cm.	cm.qw
FeFe	bcm.	bcm	bccm.
cmwm.	om.z.	cmiRm	cmo
cs.r.m.	bcz.cf	cff	cff
rr rn.	rr m.r	rrfmo	of
f.r.r m.	m.of r.r.	of r.r.	r.of d.d.
oir.o	oir.	ó	om
Fiff w	F w	Fifz	ziffio
am d.o.o	omd.d.o	omfefe	ofefe
m.f.r.ir.	cm.ir.	cm.ir.	cm.r.r.
od.cro	od.d.r	crr.	cir.
Cr.r	r.rr	rrco	co
bc	cbc	bc	cd.
cbc	pc	bc	bcc
c	c	*	c
om.	od.m.	od.m.	oid.f
pm.mc	c	c	c
cbc	bc	bc	bcc
c	c	c	c
bczz.		cir.cr.r	cp.z.
om.cm.	cm.r.r.	crrcm.	com.
c	c	cbc	bccir.
coc	cpr.c	r.r.ir.	cir.c
cir.c	c	circ	odd

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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. ,, wet.
2 .. ,, flooded.
3 .. ,, frozen hard and dry.
4 .. ,, partly covered with snow or hail.
5 .. ,, covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 .. ,, covered with snow, less than 6 ins., but ground frozen.
9 .. ,, covered with snow greater than 6 ins. deep.

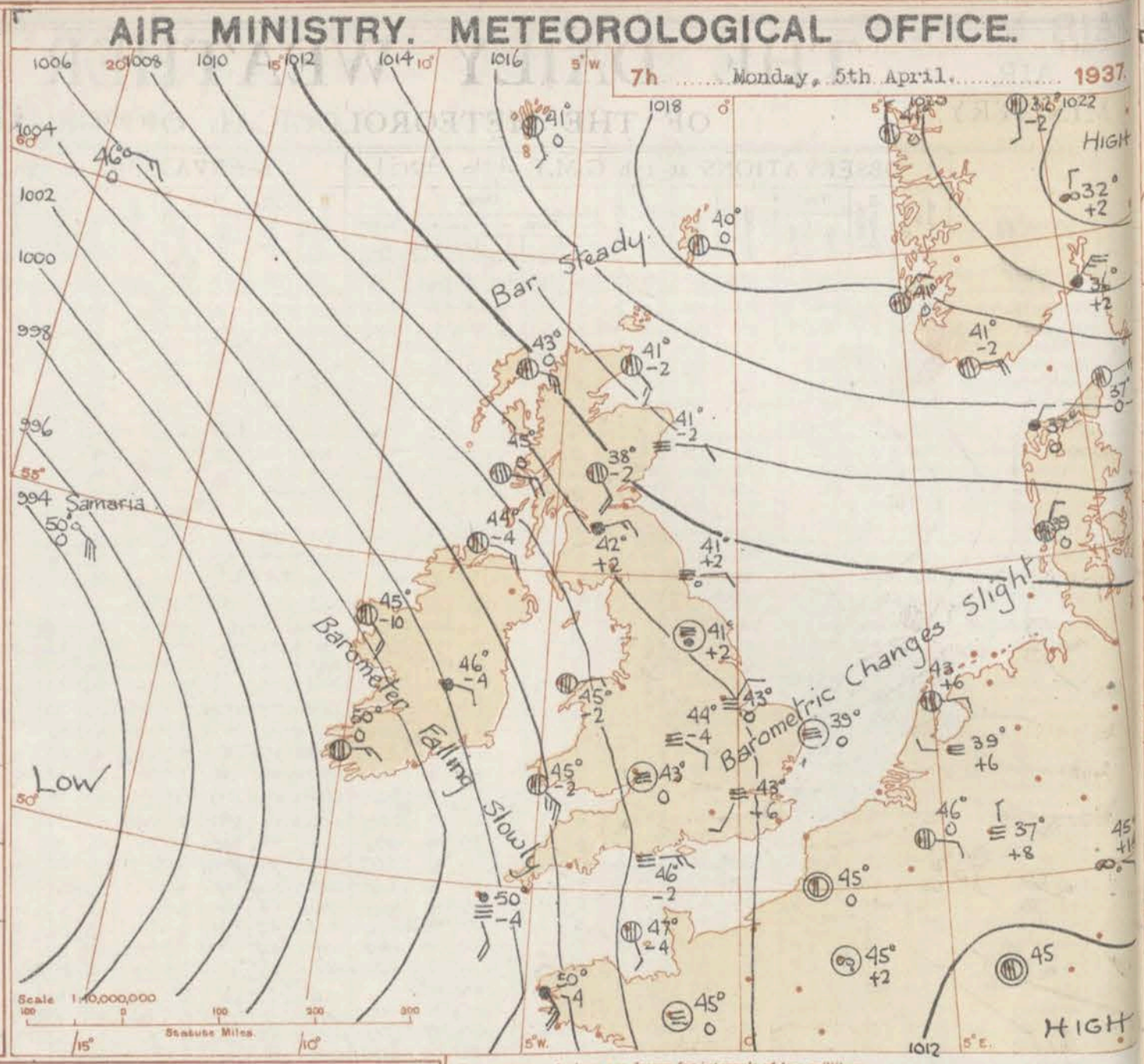
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 4th April 1937

Districts	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. F. Min. 9h. 3rd to 9h. 4th	Temperature. F. Max. 9h.–17h. 4th.	Rainfall (mm) Night. 17h. 3rd to 9h. 4th	Rainfall (mm) Day. 9h.–17h. 4th.	Sunshine (Hrs) Sunrise to 17h. 4th.	Sunrise to Sunset. 3rd.
1	Tunbridge W.	co	opoc	32	57	6	1	1·1	5·7
	Bournemouth	b	b	41	60	1	-	8·2	2·0
	Ventnor ...	oez	bcb	47	57	-	-	6·6	7·7
	Southsea ...	bcc	bcb	46	58	Trace	-	4·9	7·4
	Bognor Regis	bcbc	bcbc	43	54	-	-	5·3	7·5
	Littlehampton	bc	bc	43	57	-	-	6·5	6·3
	Worthing ...	bbc	cbc	44	56	-	-	5·8	6·7
	Brighton ...	b	cbc	44	53	-	-	5·4	7·1
	Eastbourne† ...	bcc	c	47	55	-	-	6·8	11·3
	Hastings† ...	bcbc	bcbbc	43	55	Trace	-	8·9	9·8
	Folkestone ...	cbc	bcb	43	53	-	-	5·9	6·4
	Dover ...	bc	bc	48	53	-	-	8·0	9·3
	Deal	cbcc	r.cbc	40	55	-	Trace	5·1	7·3
	Ramsgate ...	bc	bcf	45	51	-	-	5·3	7·4
	Margate ...	bcm	bcm	43	51	-	-	4·8	6·9
2	Southend ...	orc	c	39	52	Trace	-	1·7	8·2
	Maldon ...	oc	cbo	37	57	-	-	1·2	6·8
	Clacton-on-Sea	cmc	mf	42	48	-	-	0·7	7·9
	Dovercourt ...	om	bcf	43	51	-	-	1·3	6·7
	Lowestoft ...	od.m.	od.oc	42	49	1	2	0·0	3·2
	Skegness ...	or.r.	or.m	41	46	3	2	0·0	0·0
	Mablethorpe...	am.r	or m.	41	45	4	3	0·0	0·1
	Cleethorpes ...	m.or	or	40	44	4	5	0·0	4·2
3	Leamington S.	oc	cbc	38	54	-	-	1·8	6·0
4	Cheltenham†	wmo	ocbec	37	55	-	-	2·2	6·3
5	Bath	b	bctlr	40	59	-	7	6·5	1·5
	Weymouth ...	cbb	b	46	59	-	-	7·2	0·3
	Jersey ...	oe	cbc	46	52	2	-	1·3	0·9
	Torquay ...	cwbc	bbc	44	57	-	-	6·6	1·2
	Penzance ...	c	bcz	45	52	Trace	-	1·7	1·2
	St. Ives ...	o	c	47	53	-	-	0·7	1·3
	Bude... ...	cp	cpbc	42	51	-	1	0·6	6·6
	Ilfracombe ...	ropco	ocd	44	53	2	0·4	0·8	2·2
6	Aberystwyth	cpr.	prc	43	53	-	1	0·7	3·1
7	Llandudno ...	cbc	co	39	48	0·3	-	2·2	2·6
	Colwyn Bay...	bco	op	36	45	-	Trace	2·6	1·9
	Rhyl	cz.	com.	34	51	-	-	0·4	2·0
8	Wallasey ...	or.	o	39	52	0·5	0·5	-	4·2
	Southport ...	orr	bcobc	39	50	-	4	0·3	2·8
	Blackpool ...	or	orc	43	49	1	6	0·0	3·8
	Morecambe ...	cirr	irorr	45	47	2	4	0·0	3·0
9	Ilkley... ...	or	oro	38	43	5	4	0·0	3·3
	Harrogate ...	orr	orr	41	42	4	5	0·0	1·2
10	Berwick-on-T.	om.	m.o	41	42	1	-	0·0	0·0
11	Dunbar ...	omr.	om.	40	42	1	-	0·0	0·0
12	Troon... ...	cocr.	pr.p	37	43	Trace	1	0·0	0·0
	Douglas ...	bczw	crz	38	46	-	5	0·2	4·1

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



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~ Rough. ≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 5th April, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light southeast winds freshening later; cloudy; fog at first; light rain or drizzle later; average temperature.
4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England	Freshening southeast winds; mainly cloudy; dull at times with light rain or drizzle; average temperature.
9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Light southeast winds freshening later; mainly cloudy; fog at first; average temperature.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W.Scotland.	Freshening southeast winds strong in places; mainly cloudy; dull at times with light rain or drizzle; foggy in places; average temperature.
14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Light southeast winds freshening later; mainly cloudy; local fog and drizzle at times; rather cold.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Fresh southeast winds strong in places; mainly cloudy; dull at times with light rain or drizzle; average temperature.

GENERAL INFERENCE.

A deep depression southwest of Ireland is moving slowly east-northeast. It will be mainly cloudy in most districts with fog in many places which will tend to clear later. A belt of rain or drizzle will spread north and eastwards slowly. Temperatures will be about the average for the season.

FURTHER OUTLOOK.

Mainly cloudy; occasional light rain or drizzle in places; temperature tending to rise.

Forecasts issued at 1015 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.
Director.

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

C80.

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

Morning of

MONDAY,
5TH APRIL.

1937.

Clarke's Projection Scale 1: 4X10⁷ 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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. (K) Thunder. Thunderstorm. Slight haze

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 5th April, 1937.
No. 27528.

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. Direc. (3)	Wind. 0–12 Force (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility. 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1009.5	+0	SSE	2	2	44	52	6	-	-	-	0	2-3	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1011·2	+6	S'E	1	2_0	45	92	6	-	-	6	0	2.3	-
	Manston ...	142	1010.2	0	SE'S	2	F	43	97	1	-	-	-	10	10	4150
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1010·8	+6	-	0	OF+	44	97	1	-	-	-	10	10	4150
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1009.0	+2	WSW	3	bc	47	92	7	5	-	-	4.6	4.6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1007.1	-6	SE'E	4	0	49	97	7	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	1005.0	-16	SE'S	4	$1r_0$	49	97	6	9	-	-	10	10	1500
	Guernsey ..	175	1008.6	0	S'W	1	C	47	85	8	5	7	-	4-6	7·8	2500
6	Pembroke ...	142	1007·3	0	SE'S	3	C	46	97	7	8	-	-	9	9	2500
7	Holyhead ...	26	1007.3	-2	-	0	bc	44	92	6	5	-	-	4.6	4.6	4000
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1010.1	+6	ENE	2	0	42	97	5	5	-	-	10	10	800
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1011·8	0	E SE	2	0	41	97	6	5	-	-	10	10	800
11	Inchkeith ...	190	1011·5	-2	E	2	m	41	92	4	5	-	-	10	10	1500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1008.6	0	SE	2	C	42	97	7	-	2	-	0	10	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1011.9	0	ESE	4	bc	43	92	7	5	-	-	4-6	4.6	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1015·3	0	SE	4	C	41	97	7	5	2	-	7·8	10	800
16	Lerwick ...	156	1018.3	+4	E	2	bc	35	85	8	5	-	-	2-3	2-3	2500
17	Blacksod Point	18	1004·7	-6	SE	3	C	46	97	7	5	-	-	7·8	7·8	1500
18	Malin Head ...	84	1007.1	-4	E	2	r_0r_0	43	97	7	6	-	-	9+	9+	1500
	Aldergrove ...	258	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1001·8	-10	ESE	3	r_0r_0	46	97	7	5	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. 0–12 Force (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility. 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 * (30)
1	London (Kew)	1005.8	+6	-	0	F	43	97	1	-	-	-	10	10	4150	1	*
	Croydon ...	1005.4	+6	SW'S	1	f	43	97	2	-	-	-	10	10	4150	1	*
	S. Farnborough	1005.5	+4	S'W	2	f	41	97	2	5	-	-	10	10	220	1	*
	Boscombe Down	1005.0	-2	ESE	1	OF+	42	97	1	-	-	-	10	10	4150	1	*
	Calshot (Sthmtn.)	1005.4	-2	E	2	2_0	46	97	6	5	-	-	10	10	2500	1	2
	Lympne ...	1010.3	-2	-	0	f-	44	97	2	-	-	2	0	7·8	-	1	1
	Manston ...	1005.6	-3	SE'E	2	Of+	45	97	3	-	-	-	10	10	4150	1	*
2	Shoeburyness ...	1005.8	0	NNE	1	f	43	97	2	-	-	-	10	10	4150	1	*
	Felixstowe ...	1010.5	-2	ENE	1	f-	43	92	3	5	-	-	10	10	220	1	1
	Gorleston ...	1010.7	0	-	0	f-	39	97	1	-	-	-	10	10	4150	1	2
	Mildenhall ...	005.9	+2	ENE	1	f	41	97	2	-	-	-	10	10	4150	1	*
	Cranwell ...	1010.0	0	NE'E	2	f	43	97	1	-	-	-	10	10	4150	1	*
3	Birmingham ...	1008.9	-4	ESE	2	OF+	44	97	1	-	-	-	10	10	4150	1	*
	Upper Heyford	1010.1	+2	-	0	f-	41	97	1	-	-	-	10	10	4150	1	*
4	Ross-on-Wye	1008.6	0	-	0	f	43	97	2	5	-	-	10	10	220	1	*
5	Portland Bill ...	1008.0	-2	E	3	f	46	92	3	5	-	-	10	10	4150	1	3
	Plymouth ...	1006.5	-6	SE	2	$2r$	49	92	6	6	7	-	2-3	9+	450	1	2
	The Lizard ...	1004.6	-12	SE'S	5	id_0	48	97	5	5	-	-	10	10	1500	1	4
	Scilly (St.Mary's)	1002.4	-4	S'E	4	df	50	97	2	-	-	-	10	10	4150	1	3
	Guernsey ..	1009.0	-4	SSE	1	C	47	97	6	5	1	-	9	10	2500	1	1
6	Pembroke ...	1005.3	-2	SE'E	5	q	45	97	6	5	-	-	9+	9+	2500	1	2
7	Holyhead ...	1006.7	-2	E'N	1	C	45	92	6	5	-	1	9	9	4000	1	1
	Chester(Sealand)	1008.6	0	E'N	2	m	44	92	4	5	-	-	10	10	1500	1	*
8	Manchester ...	1005.0	0	NE'E	2	f	44	85	3	5	3	-	2-3	9	2500	1	*
10	Spurn Head ...	1010.5	0	E'S	3	Of+	42	97	2	5	-	-	10	10	4150	1	2
	Catterick ...	1010.7	+2	-	0	df	41	97	3	5	-	-	10	10	450	1	*
	Tynemouth ...	1011·6	+2	E	2	m	41	97	4	5	-	-	10	10	800	1	2
11	Inchkeith ...	1012.1	+4	E	2	OF+	40	97	1	5	-	-	10	10	220	1	1
	Leuchars ...	1012.7	-2	NE	2	m/f	40	97	4	5	-	-	10	10	220	1	*
12	Renfrew (Abbots L.)	1010.9	+2	E'N	3	r_0r_0	42	97	5	5	-	-	10	10	450	1	*
	Eskdalemuir ...	1010.9	+2	N'E	2	$1r_0$	39	97	6	6	2	-	4-6	10	450	1	*
	Point of Ayre...	1008.5	0	ESE	2	C	44	97	7	5	1	-	4.6	10	2500	1	1
13A	Tiree	1008.3	0	ESE	4	C	45	85	7	5	-	-	9+	9+	1500	0	3
13B	Stornoway ...	1011.0	0	ESE	5	C	43	85	8	5	7	-	7·8	9	2500	1	3
15	Dalwhinnie ...	1012.3	-2	SW		C	38	92	6	4	2	-	4.6	10	1500	4	*
	Aberdeen ...	1013.7	-2	E'S	2	df	41	97	3	-	-	-	10	10	4150	1	2
	Wick ...	1014.5	-2	SE	3	C	41	92	7	5	2	-	9	10	800	1	3
16	Lerwick ...	1018.7	0	ESE	2	C	40	85	8	5	3	-	4.6	7·8	1500	0	*
17	Blacksod Point	1003.0	-10	SE	3	C	45	92	7	5	-	-	10	10	800	0	3
18	Malin Head ...	1006.4	-4	ESE	3	C	44	97	6	5	6	1	9	9+	1500	1	1
	Aldergrove ...	1006.8	-2	E'S	3	2_0	44	97	5	5	2	-	10	10	220	1	*
19	Birr Castle ...	1004.2	-4	ESE	2	$1r_0$	46	92	7	5	-	-	10	10	2500	1	*
20	Valentia Obsy. †	1000.5	0	E'S	3	C	50	85	8	5	-	-	9+	9+	1500	1	3
	Roches Point	1001·8	-8	SE	3	dd	48	97	5	5	2	-	10	10	450	1	3

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 4th Hrs (36)
1	London (Kew)	56	41	31	Tr	Tr	2.6
	Croydon ...	56	43	39	-	Tr	1.6
	S. Farnborough	58	40	29	-	0.1	4.6
	Boscombe Down	60	41	38	0.6	Tr	5.8
	Calshot (Sthmtn.)	56	45	41	-	-	3.8
	Lympne ...	56	42	34	-	-	7.7
	Manston ...	54	41	39	Tr	Tr	5.0
2	Shoeburyness ...	54	43	43	-	0.1	1.6
	Felixstowe ...	56	40	40	Tr	Tr	1.5
	Gorleston ...	48	38	37	5	0.1	0.0
	Mildenhall ...	51	41	41	0.2	Tr	0.0
	Cranwell ...	47	43	42	0.6	Tr	0.0
3	Birmingham ...	53	43	43	-	-	3.2
	Upper Heyford	53	37	37	0.1	-	*
4	Ross-on-Wye	50	40	32	-	-	0.0
5	Portland Bill ...	54	43	*	-	-	*
	Plymouth ...	55	48	45	-	0.1	6.0
	The Lizard ...	54	46	*	-	2	*
	Scilly (St.Mary's)	54	48	*	-	3	1.1
	Guernsey ..	55	47	41	-	-	3.3
6	Pembroke ...	53	43	*	-	Tr	4.4
7	Holyhead ...	52	43	34	0.1	-	3.1
	Chester(Sealand)	54	41	37	3.8	0.6	0.2
8	Manchester ...	52	40	34	0.3	-	0.5
10	Spurn Head ...	44	42	*	6	4	0.0
	Catterick ...	42	41	41	7	3	0.0
	Tynemouth ...	42	40	40	-	-	0.0
11	Inchkeith ...	41	35	35	0.1	-	0.0
	Leuchars ...	42	40	40	0.5	Tr	0.0
12	Renfrew (Abbots L.)	45	41	40	Tr	0.5	0.0
	Eskdalemuir ...	43	38	38	1	2	0.0
	Point of Ayre...	44	41	*	3	2	0.0
13A	Tiree	53	44	43	-	0.1	7.4
13B	Stornoway ...	50	43	*	-	-	8.9
15	Dalwhinnie ...	46	36	32	-	-	0.1
	Aberdeen ...	42	40	39	Tr	Tr	0.0
	Wick ...	42	41	*	-	-	*
16	Lerwick ...	46	38	*	-	-	8.0
17	Blacksod Point	51	43	*	-	-	*
18	Malin Head ...	47	43	*	-	3	4.0
	Aldergrove ...	48	42	41	0.3	4	0.0
19	Birr Castle ...	53	43	33	-	0.1	1.2
20	Valentia Obsy. †	52	47	44	Tr	2	0.0
	Roches Point	48	47	*	0.2	2	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
KEW	18	febff	bfbcc	cbfFe	56	41	31	Tr	Tr	2.6	*	*	1
CROYDON	217	bcwcfz$_0$	bcz cz$_0$	bmwnf	56	43	39	-	Tr	1.6	*	*	3
GREENWICH (Royal Observatory)...	149	fcm	cm$_0$r$_0$c	cbwaf	58	38	27	Tr	Tr	1.1	71	97	3
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.3	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	56	42	35			0.5	70	97	*
REGENT'S PK. (Botanic Gardens)†...	168	*	*	*	57	41	33	-	-	0.4	74	96	*
CAMDEN SQUARE	110	c	c	*	57	42	32	-	Tr	*	*	98	*
KENSINGTON	80	ccz	of	*	57	41	33	-	-	0.5	At 18h. 73	95	*
HAMPSTEAD OBSERVATORY	450	bcm	bcm	of	55	39	31	-	Tr	1.0	*	93	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
2.0	7-0h 4th	0.3	3-5h 5th

Kew Observatory. Max.	Time.	Min.	Time.
0.7	11h 4th	0.1	17h 4th

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	1009.7	NW	2	pr_0	55	1010.6	-	0	m	45
BRUSSELS	1008.9	N	2	b	54	1010.7	ESE	2	c	46
BERLIN	1008.5	ENE	1	d_0d_0	46	1010.5	-	0	rf	45
ZÜRICH						1013.1	ESE	1	m	43
ROME	1004.9	NNW	5	c	57					

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
63	41	0.5	-
57	37	0.3	-
50	45	Tr	3
*	39		-
*	*	5	

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 —Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 ,,
2 Fog	550 ,,
3 Moderate fog	1,100 ,,
4 Mist or haze	1¼ miles.
5 Poor visibility	2½ ,,
6 Moderate ,,	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. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 6th April, 1937.
No. 27529.

OBSERVATIONS at 13h. G.M.T. 5th 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)	1009·4	−6	SW	1	Z_o	54	75	5	–	–	–	0	0	–
	Croydon ...	1008·3	−14	SE'S	3	Z_o	60	55	6	2	6	1	4-6	4-6	4000
	S. Farnborough	1009·1	−8	–	0	Z_o	54	75	6	2	3	–	Tr	7-8	2500
	Boscombe Down	1008·4	−8	SE'E	3	Z_o	56	75	6	8	–	–	7-8	7-8	1500
	Calshot (Stnmtn.)	1009·3	0	E'S	3	bc	49	92	7	8	3	1	4-6	4-6	2500
	Lympne ...	1009·6	−10	SE'S	2	bc	55	65	7	2	–	–	2-3	2-3	2500
	Manston ...	1009·4	−8	SE	3	b	56	65	6	7	–	–	1	1	4000
2	Shoeburyness ...	1009·4	−6	ENE	2	c	54	85	6	5	–	–	7-8	7-8	5700
	Felixstowe ...	1010·5	−2	E	2	bc	50	75	7	2	3	2	Tr	2-3	2500
	Gorleston ...	1010·2	−2	SE	1	c	42	97	5	5	–	–	10	10	2500
	Mildenhall ...	1009·5	−6	SE	1	Z_o	54	75	6	5	–	–	9+	9+	1500
	Cranwell ...	1009·7	−6	SE'E	1	Z_o	46	97	5	5	–	–	10	10	450
3	Birmingham ...	1009·4	0	S	2	c	50	85	6	5	–	–	9	9	800
	Upper Heyford	1009·7	−4	SSE	1	c	51	75	6	1	–	4	4-6	7-8	1500
4	Ross-on-Wye	1008·3	−6	E	3	Z_o	51	75	6	1	7	–	9+	9+	1500
5	Portland Bill ...	1008·4	0	E	3	f	46	92	3	–	–	–	10	10	4150
	Plymouth ...	1006·7	0	SE	3	$d_o d_o$	49	97	5	6	–	–	10	10	450
	The Lizard ...	1005·3	0	SE'S	4	$r_o r_o$	49	97	6	5	–	–	10	10	1500
	Scilly (St.Mary's)	1003·7	+2	S'E	4	rr	51	97	6	5	–	–	10	10	1500
	Guernsey ...	1008·2	−8	S	2	c	52	85	6	5	1	–	9+	10	2500
6	Pembroke ...	1004·3	−2	SE	5	ir_o	48	92	6	5	–	–	10	10	2500
7	Holyhead ...	1006·2	−6	S	3	c	57	55	7	2	9	2	2-3	7-8	4000
	Chester(Sealand)	1008·3	−4	SE'E	3	Z_o	53	75	6	5	–	–	9+	9+	2500
8	Manchester ...	1008·7	−6	SE'E	3	Z_o	56	65	5	5	3	–	4-6	7-8	2500
10	Spurn Head ...	1010·0	0	ENE	2	of	45	97	2	5	–	–	10	10	4150
	Catterick ...	1010·7	−4	NE	1	m	45	97	4	5	–	–	10	10	800
	Tynemouth ...	1011·6	+2	E	1	of	41	97	2	5	–	–	10	10	800
11	Inchkeith ...	1011·2	−2	NE	2	oF+	41	97	1	5	–	–	10	10	220
	Leuchars ...	1012·2	−2	E	2	f	43	97	2	–	–	–	10	10	4150
12	Bentrew (Abbots I.)	1010·1	−6	ENE	5	Z_o	46	85	6	5	–	1	9	9+	800
	Eskdalemuir ...	1010·0	−2	E	3	c	45	85	6	5	–	–	10	10	800
	Point of Ayre...	1008·3	−2	SSE	3	c	46	92	7	–	2	–	0	10	–
13A	Tiree	1008·2	0	SE'E	4	dr	46	92	7	–	2	–	10	10	1500
13B	Stornoway ...	1016·7	+2	ESE	4	c	46	85	8	5	7	–	7-8	9+	4000
15	Dalwhinnie ...	1012·4	−4	SW	3	m	39	97	4	–	–	–	0	0	–
	Aberdeen ...	1013·3	−2	E'S	3	id_o	42	97	5	5	–	–	10	10	220
	Wick ...	1013·9	−4	SE	3	c/pr	43	97	7	5	2	–	9	10	450
16	Lerwick ...	1017·4	+6	S6E	4	c	43	85	8	5	7	–	4-6	9+	1500
17	Blacksod Point	1002·7	−6	SE	3	c	48	85	7	5	–	–	10	10	800
18	Malin Head ...	1006·8	0	E'N	3	c	46	97	6	9	2	–	9	10	1500
	Aldergrove ...	1007·2	0	E'S	3	Z_o	47	92	5	5	–	–	10	10	450
19	Birr Castle ...	1003·5	−2	S	2	c/r	51	92	7	5	–	–	10	10	2500
20	Valentia Obsy. †	1001·5	0	S	4	bc	59	75	8	5	8	–	4-6	4-6	1500
	Roches Point	1002·6	+2	S	3	f	50	97	2	–	–	–	10	10	4150

OBSERVATIONS at 18h. G.M.T. 5th 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)	1009·3	+2	–	0	Z_o	56	65	6	5	3	1	2-3	2-3	4000	1	*
	Croydon ...	1009·1	+6	–	0	Z_o	56	65	6	4	3	5	2-3	4-6	4000	1	*
	S. Farnborough	1009·0	+2	–	0	c	55	65	6	4	–	6	1	9	4000	1	*
	Boscombe Down	1008·9	+6	SE	2	c	52	75	7	–	7	6	0	9	–	0	*
	Calshot (Stnmtn.)	1009·4	+2	E	3	cf+	46	97	3	5	7	–	7-8	10	2500	1	§ 2
	Lympne ...	1010·1	+2	E'S	2	Z_o	51	75	6	–	7	8	0	7-8	–	1	§ 0
	Manston ...	1009·7	+6	NE'E	3	c	50	75	7	–	7	6	0	7-8	–	1	*
2	Shoeburyness ...	1009·7	+4	E'N	3	c	48	85	6	5	3	–	4-6	7-8	5700	1	*
	Felixstowe ...	1010·7	+2	ENE	2	bc	47	85	7	8	4	–	Tr	4-6	2500	0	1
	Gorleston ...	1010·8	+4	ENE	1	bc	45	85	6	5	–	–	4-6	4-6	4000	1	2
	Mildenhall ...	1009·7	+6	ENE	1	c	54	85	7	8	6	–	2-3	9+	7200	1	*
	Cranwell ...	1010·3	+4	SE'E	1	Z_o	48	92	5	5	–	–	10	10	800	1	*
3	Birmingham ...	1009·0	0	SSE	2	Z_o	53	55	6	–	3	6	0	4-6	–	1	*
	Upper Heyford	1009·4	+4	S	1	Z_o	54	75	6	–	7	6	0	9	–	1	*
4	Ross-on-Wye	1008·1	−4	SE	2	Z_o	53	75	6	5	1	–	4-6	10	2500	1	*
5	Portland Bill ...	1008·7	+4	E	4	f	46	92	2	–	–	–	10	10	4150	1	3
	Plymouth ...	1007·4	+2	SE	3	c/d	50	92	6	6	7	–	4-6	10	800	1	2
	The Lizard ...	1006·8	+10	SE	3	pr	49	97	7	5	–	–	10	10	1500	1	3
	Scilly (St.Mary's)	1005·3	+8	S'E	4	c/r	50	97	7	5	7	–	7-8	10	1500	1	3
	Guernsey ...	1008·4	+4	SSW	2	o	51	85	6	5	–	–	o	10	2500	1	2
6	Pembroke ...	1005·6	−2	SSE	4	Z_o	47	97	6	5	–	–	9+	9+	2500	1	1
7	Holyhead ...	1006·9	+8	S'W	3	c/r	51	85	7	5	2	–	4-6	10	4000	1	1
	Chester(Sealand)	1008·1	+2	SE	2	Z_o	53	75	6	8	3	–	4-6	7-8	4000	1	*
8	Manchester ...	1008·7	+2	SE'E	3	m	51	75	4	–	5	7	0	10	–	1	*
10	Spurn Head ...	1010·4	+4	ENE	3	m	43	97	4	5	–	–	10	10	4150	0	2
	Catterick ...	1010·8	+6	NNE	1	of	45	97	3	5	–	–	10	10	800	1	*
	Tynemouth ...	1012·1	0	SE	3	o	41	97	5	5	–	–	10	10	800	1	2
11	Inchkeith ...	1011·2	0	E	3	Z_o	40	97	5	5	–	–	10	10	800	0	2
	Leuchars ...	1011·7	−2	E	3	Z_o	42	97	5	5	–	–	10	10	450	1	*
12	Bentrew (Abbots I.)	1009·5	+2	ENE	3	Z_o	45	92	5	5	–	–	10	10	800	1	*
	Eskdalemuir ...	1010·1	+2	E'S	3	c	44	85	6	5	–	–	10	10	800	1	*
	Point of Ayre...	1007·8	−2	SSE	2	c	46	92	6	–	2	–	0	10	–	1	1
13A	Tiree	1007·6	0	SE'E	4	c	47	85	7	5	7	–	7-8	9	2500	0	3
13B	Stornoway ...	1010·1	−6	ESE	4	c	45	85	8	5	7	–	7-8	9+	4000	1	3
15	Dalwhinnie ...	1011·7	−2	SW	3	c	40	85	6	4	2	–	4-6	10	1500	4	*
	Aberdeen ...	1013·3	−2	ESE	2	z	42	97	5	5	3	–	9	9+	450	1	1
	Wick ...	1013·9	+10	SE	4	c	42	92	7	5	2	–	9	10	800	1	3
16	Lerwick ...	1016·6	−6	SE	3	c	43	85	8	8	7	–	4-6	7-8	1500	0	*
17	Blacksod Point	1002·2	−2	SE	4	bc	50	92	7	4	–	4	4-6	4-6	800	0	3
18	Malin Head ...	1005·6	−6	E'N	3	c/r	48	92	6	9	2	–	9	10	1500	1	1
	Aldergrove ...	1006·4	+2	ESE	4	Z_o	50	85	5	5	3	–	7-8	10	450	1	*
19	Birr Castle ...	1003·4	−2	SSE	2	c	52	92	8	5	–	–	9+	9+	2500	1	*
20	Valentia Obsy. †	1002·3	+2	SE	4	bc	54	85	8	8	–	6	2-3	4-6	1500	1	2
	Roches Point	1004·4	+10	SSW	2	f-	48	97	3	–	–	–	10	10	4150	1	3

PAST 24 HOURS.

Weather. 7h.—13h. 5th (37)	13h.—18h. 5th (38)	18h. 5th to 1h. 6th (39)	1h.—7h. 6th (40)
ofbz$_o$	bccz$_o$	bcbm$_o$	off
Febcy	bcz$_o$bc$_o$	cz$_o$bmbc$_o$	bcmwcmf
cfebcz$_o$	cbccz$_o$	cz$_o$bbcm	bcmff
ofcbc	bcm$_o$c	cbcm$_o$	bccfff
cm$_o$bc	cm$_o$ffe	cffebcbff	offedf
fef$_o$bc	bm$_o$z$_o$	bcbm$_o$w	cmi$_o$
fbm$_o$bc	bm$_o$bc	bwcbm$_o$	b$_l$cm$_o$m
fecm	cm$_o$bcm$_o$	bcbm$_o$	bmc
ffcm$_o$bc	cbc	bcbcm$_o$	cmbcm
ofcz$_o$	cbcz$_o$	of F	offe
ffm$_o$cz$_o$	cz$_o$bcc	c$_l$bz$_o$	bm$_o$bfw
ofeom	om$_o$	am$_o$bcfe	ofe
Fc	cbc	cz	cfe
Fecm	cbcc	cbcm$_o$wc	cbcmwcf
offcmz	cz$_o$	cz$_o$bbcc	cm
off	off	off	off
or$_o$rddm$_o$	oddd$_o$d$_o$m$_o$	cmi$_o$	od$_o$d$_o$id$_o$m
ifdrr	rrpr$_o$	oprm$_o$	cpr$_o$m
idffr	orir$_o$	r$_o$d$_o$o	id$_o$id$_o$
c	co	coid$_o$	oddrr
cm$_o$ir$_o$q	cq$_o$id$_o$m$_o$	cm$_o$r$_o$r$_o$	cirm$_o$
cm$_o$q	cyir$_o$c	rrc	rrr$_o$r$_o$c
old$_o$m$_o$	cbcz$_o$	cd$_o$d$_o$z$_o$m	cd$_o$d$_o$m
offcm$_o$z$_o$	cbcz$_o$cm$_o$	cm	cd$_o$d$_o$id$_o$m
ff	ffmf	ff	Ff
ofd$_o$d$_o$m	om$_o$f	of	ofd$_o$
omff	offo	off	off
FF	fifz	zc	mcir$_o$
ofefe	ofm$_o$	om$_o$	om$_o$om
cm$_o$rd$_o$d$_o$	cz$_o$	cz$_o$m$_o$	com$_o$ir$_o$
cir$_o$cm$_o$	cm$_o$	cm$_o$	ccir$_o$
o	o	or$_o$r	r$_o$rf
cd$_o$	crdc	cir	cirz$_o$
c	c	bcc	cpr$_o$r$_o$r$_o$
cm	mc	*	mcir$_o$
fod$_o$m$_o$	d$_o$m$_o$c	com$_o$	om$_o$
cpr$_o$	c	c	c
c	c	bcc	cid$_o$
ir$_o$	bc	bc	pr$_o$c
cr$_o$z$_o$	cz$_o$z$_o$r	cir$_o$z$_o$c	c
cd$_o$rom$_o$	om$_o$cm	cir$_o$om$_o$	om$_o$
cir$_o$	c	cbc	bccpr$_o$
cbc	bccbc	bcc	rrr$_o$r$_o$c
ddffe	offe	offe	ffedrdr

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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. ,, wet.
2 .. ,, flooded.
3 .. ,, frozen hard and dry.
4 .. ,, partly covered with snow or hail.
5 .. ,, covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 .. ,, covered with snow, less than 6 ins., but ground frozen.
9 .. ,, covered with snow greater than 6 ins. deep.

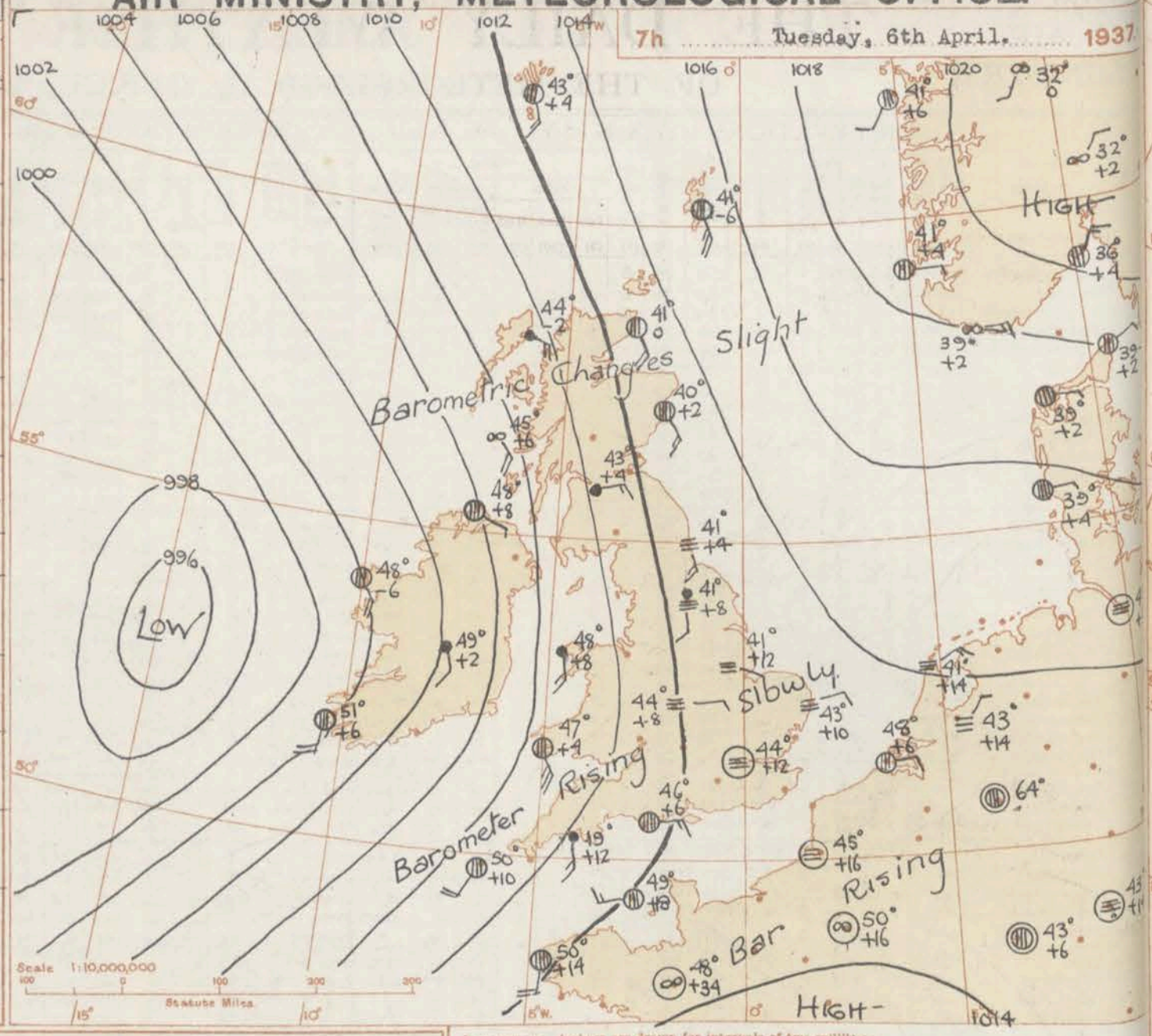
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for April 5th 1937.

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (F) Min. 9h. 4th to 9h. 5th	Temperature (F) Max. 9h.–17h. 5th.	Rainfall (mm) Night. 17h. 4th to 9h. 5th	Rainfall (mm) Day. 9h.–17h. 5th.	Sunshine (Hrs) Sunrise to 17h. 5th.	Sunshine (Hrs) Sunrise to Sunset. 4th.
1	Tunbridge W.	bc	cbc	38	60	–	–	4·7	1·2
	Bournemouth	mc	o	44	52	–	–	0·8	9·0
	Ventnor ...	omco	ocm	44	52	–	–	1·2	7·7
	Southsea ...	bc	co	45	53	–	–	1·1	6·0
	Bognor Regis	bcco	cofec	45	50	Trace	–	0·2	6·2
	Littlehampton	c	cm	45	51	–	–	2·2	7·6
	Worthing ...	cbc	bc	45	51	–	–	3·1	6·8
	Brighton ...	b	c	44	52	Trace	–	4·4	5·4
	Eastbourne† ...	fmb	bbcc	43	54	0·1	–	5·5	7·6
	Hastings† ...	bbc	bbcbc	42	57	Trace	–	7·9	9·4
	Folkestone ...	bm₀b	b	41	56	–	–	9·0	6·7
	Dover ...	bcb	b	41	56	–	–	9·3	9·2
	Deal	cbcb	b	43	56	–	–	9·2	5·5
	Ramsgate ...	bcmb	b	42	52	–	–	8·3	5·3
	Margate ...	Fbc	bc	42	54	–	–	7·3	4·8
2	Southend ...	ofcb	bbcc	41	59	Trace	–	3·8	1·7
	Maldon ...	foc	bcb	42	56	Trace	–	3·4	1·2
	Clacton-on-Sea	o€	cbc	41	50	Trace	Trace	5·4	0·7
	Dovercourt ...	of	bc	40	53	–	–	5·5	1·3
	Lowestoft ...	ofcmc	cbcc	38	50	–	–	4·1	0·0
	Skegness ...	fom	ocbcb	42	48	0·4	–	0·8	0·0
	Mablethorpe ...	fom₀	oc	41	45	1	–	0·0	0·0
	Cleethorpes ...	cmbc	cm₀	42	45	3	–	0·0	0·1
3	Leamington S.	ocbc	bc	42	58	–	–	4·8	1·8
4	Cheltenham†	m₀owc	bcc	42	57	Trace	–	3·6	2·2
5	Bath	cbc	cbc	42	58	0·3	–	1·5	6·6
	Weymouth ...	m	mf	45	49	–	–	0·1	7·8
	Jersey ...	cbccco	o	47	52	–	–	0·3	1·8
	Torquay ...	wopm₀odirm		47	50	–	0·5	0·0	7·2
	Penzance ...	dod	dod	47	50	2	3	0·0	1·7
	St. Ives ...	d	d	46	51	3	4	0·0	0·7
	Bude... ...	c	r	46	52	1	1	0·0	0·8
	Ilfracombe ...	bccpo	opco	46	56	Trace	0·1	0·0	0·8
6	Aberystwyth	cbcc	pr₀c	46	56	–	0·3	2·0	0·7
7	Llandudno ...	bc	bcc	44	60	0·3	–	6·7	2·2
	Colwyn Bay...	bcbcb	bcc	44	58	0·5	–	5·6	2·6
	Rhyl	cbcz₀	bccbc	44	57	1	–	4·6	0·4
8	Wallasey ...	c	cbc	44	55	–	–	2·3	?
	Southport ...	ozcz	czbcz	41	56	–	–	1·1	0·3
	Blackpool ...	o	oc	41	53	–	–	0·5	0·0
	Morecambe ...	cbcc	cbbcc	42	54	0·5	–	1·5	0·0
9	Ilkley... ...	c	c	41	49	2	–	0·0	0·0
	Harrogate ...	ad₀o	o	41	47	5	Trace	0·6	0·0
10	Berwick-on T.	ofm	m₀m₀o	40	42	Trace	–	0·0	0·0
11	Dunbar ...	o€m₀	om₀	40	42	0·3	–	0·0	0·0
12	Troon... ...	cocbc	cbcc	36	53	2	–	1·3	0·0
	Douglas ...	bcm	cm	41	50	1	–	2·4	0·2

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



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
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, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light east or southeast winds; mainly cloudy with occasional light rain or drizzle in places; local fog; rather mild.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England	Light southerly winds; mainly cloudy with occasional light rain or drizzle in places; local fog; rather mild.
9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Light or moderate southeast winds; mainly cloudy; occasional light rain or drizzle in places; local fog; average temperature.
12 S.W. Scotland & Isle of Man. 13 {A. W. Scotld. B.N.W. Scotland.	Light or moderate southerly winds; mainly cloudy; occasional light rain or drizzle in places; local fog; average temperature.
14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	As 9 - 11.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Moderate southerly winds; mainly cloudy; occasional light rain or drizzle in places; rather mild.

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

GENERAL INFERENCE.

A depression west of Ireland is moving slowly northeast. It will be rather cloudy in many districts with locally slight rain or drizzle. There will be fog at times particularly in urban areas and near the east coast. It will be generally rather mild in the South and West.

FURTHER OUTLOOK.

Little change.

Forecasts issued at 10.10 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.
Director.

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

Morning of

TUESDAY,
6TH APRIL.

1937.

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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—◎

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— ○ Clear sky. ◐ Sky less than 3/10 clouded. ◑ Sky 4/10 to 6/10 clouded. ◕ Sky 7/10 to 9/10 clouded. ● Overcast sky ● Rain falling. ✱ Snow. ✱ Sleet. △ Hail. ≡ Fog. ≡ Mist. (K) Thunder. K Thunderstorm. ∞ Slight haze

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 6th April, 1937.
No. 27529.

OBSERVATIONS at 1 hr. G.M.T. 6th 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	1010·8	+6	-	0	m	46	92	4	5	-	-	4.6	4.6	5700
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1011·3	+2	E'N	2	z_o	45	92	6	5	-	-	5+	5+	5700
	Manston ...	142	1010·8	+4	-	0	z_o	45	97	6	-	-	-	0	0	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1011·8	+2	NNE	2	OF+	42	97	1	-	-	-	10	10	4150
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1010·3	+8	E	3	f	44	92	2	-	-	-	10	10	4150
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1008·4	+6	SE'S	2	c	48	97	7	5	2	-	9	10	1500
	Scilly (St. Mary's)	163	1007·2	+2	SSE	4	o/d	49	97	6	5	-	-	10	10	1500
	Guernsey ..	175	1010·5	+6	-	0	dd	48	97	6	5	-	-	10	10	2500
6	Pembroke ...	142	1007·1	+4	SSE	4	$r_o r_o$	47	92	7	5	-	-	5+	5+	2500
7	Holyhead ..	26	1008·2	+6	S'E	4	rr	48	92	7	6	2	-	4.6	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1011·7	0	SE'E	3	OF+	40	97	1	5	-	-	10	10	4150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1012·2	0	SE	2	f	41	97	3	5	-	-	10	10	800
11	Inchkeith ...	190	1011·3	+4	SE	3	c	40	97	7	5	2	-	2·3	7·8	1500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1009·2	+4	-	0	$r_o r_o$	45	92	7	5	-	-	10	10	800
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1009·1	-2	ESE	3	c	44	85	7	5	7	-	4.6	7·8	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1013·1	0	SE	4	c	41	92	7	5	2	-	9	10	800
16	Lerwick ...	156	1016·3	-2	9	3	bc	41	92	8	8	-	-	4.6	4.6	1500
17	Blacksod Point	18	1002·7	0	-	0	b	47	97	8	2	-	-	Tr	Tr	800
18	Malin Head ...	84	1004·5	-6	9	3	c	48	97	7	2	-	-	7·8	7·8	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1001·3	-10	SSE	4	rr	50	97	7	8	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 6th 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)	1012.6	+8	-	0	f	45	97	2	-	-	-	10	10	4150	1	*
Croydon ...	1012.3	+12	-	0	c f+	44	97	3	-	3	6	0	5+	-	1	*
S. Farnborough	1012.7	+8	-	0	f	39	97	3	5	1	7	4-6	5+	4000	1	*
Boscombe Down	1012.2	+10	E	1	rf	42	97	3	5	2	-	4-6	10	1500	1	*
Calshot (Sthmtn.)	1012.0	+8	-	0	df	45	97	2	5	7	-	7·8	5+	1500	1	1
Lympne ...	1013.1	+12	NE	1	z_o	45	92	5	-	3	5	0	4.6	-	1	0
Manston ...	1012.6	+14	-	0	z_o	45	97	5	5	-	8	7·8	5+	7200	1	*
Shoeburyness ...	1012.6	+10	ENE	1	m	45	92	4	-	7	7	0	10	-	1	*
Felixstowe ...	1013.4	+10	NE'N	1	m	45	97	4	5	3	-	4.6	4.6	1500	1	1
Gorleston ...	1013·8	+10	ENE	2	F	43	92	1	-	-	-	10	10	-	1	2
Mildenhall ...	1013.2	+10	E	2	m/f	41	92	4	-	3	1	0	2·3	-	1	*
Cranwell ...	1012·8	+12	ESE	2	F	41	97	1	-	-	-	10	10	4150	1	*
Birmingham ...	1012.1	+8	E	1	f	44	97	2	-	-	-	10	10	4150	1	*
Upper Heyford	1012·5	+12	E	2	f	43	97	3	5	7	8	4.6	7·8	2500	1	*
Ross-on-Wye	1011.4	+6	E	1	m	47	92	4	5	2	-	1	10	2500	1	*
Portland Bill ...	1012·2	+6	E	3	0	46	92	7	5	-	-	10	10	1500	1	3
Plymouth ...	1010·3	+12	S'E	3	i_o	45	97	4	-	2	-	10	10	220	1	2
The Lizard ...	1010.4	+6	SE	2	0	48	97	6	5	-	-	10	10	1500	1	2
Scilly (St. Mary's)	1008.6	+10	SW'S	4	o/d	50	97	6	5	-	-	10	10	1500	1	2
Guernsey ..	1012. 0	+18	W'S	3	o/r	49	97	6	5	-	-	10	10	1500	1	2
Pembroke ...	1008.1	+4	SSE	5	z_o	47	92	6	5	2	-	7·8	5+	2500	1	3
Holyhead ..	1008.9	+8	S'E	3	ir_o	48	97	7	5	7	-	4.6	5+	800	1	0
Chester (Sealand)	1010·7	+12	ESE	2	dd	47	97	4	-	2	-	10	10	1500	1	*
Manchester ...	1010.4	+8	E'S	2	m/d	47	97	4	5	7	-	7·8	5+	1500	1	*
Spurn Head ...	1012.9	+10	SE'E	3	F	40	97	1	5	-	-	10	10	4150	0	2
Catterick ...	1012·8	+8	S	2	df	41	97	3	5	-	-	10	10	220	1	*
Tynemouth ...	1012.5	+4	SSE	3	f	41	97	3	5	-	-	10	10	800	1	1
Inchkeith ...	1011.9	+6	E	2	$r_o r_o$	40	97	6	5	-	-	10	10	1500	1	2
Leuchars ...	1012.2	+4	ESE	3	m	41	97	4	5	-	-	10	10	220	1	*
Renfrew (Abbotsl.)	1010.1	+4	E'N	3	ir_o	43	92	5	5	-	-	10	10	1500	1	*
Eskdalemuir ...	1011·3	+4	N	2	ir_o	41	92	6	5	2	-	4.6	10	800	1	*
Point of Ayre ...	1009.4	+4	S'E	4	f	44	97	3	5	-	-	10	10	450	1	2
Tiree	1006.6	+6	SE'S	4	z_o	45	92	6	5	-	-	10	10	1500	0	3
Stornoway ...	1008.4	-2	ESE	4	$r_o r_o$	44	85	6	5	7	-	4.6	10	2500	1	2
Dalwhinnie ...	1012.0	+10	S	3	m	39	92	4	4	6	-	4.6	10	1500	4	*
Aberdeen ...	1013.0	+2	SE'S	3	c	40	97	6	5	-	-	10	10	450	1	1
Wick ...	1013.1	0	SE	4	c	41	97	8	5	2	-	9	10	800	1	3
Lerwick ...	1014·9	-6	SSE	5	s/d	41	92	7	9	2	-	7·8	9	800	1	*
Blacksod Point	1002.0	-6	SE	4	c	48	92	8	9	-	-	9	9	800	0	3
Malin Head ...	1005·7	+8	ESE	1	c	48	97	7	5	-	-	5+	5+	800	1	1
Aldergrove ...	1007.0	+4	SE'S	3	z_o	47	97	6	5	-	-	10	10	450	1	*
Birr Castle ...	1005·9	+2	SSE	2	dr_o	49	92	8	9	-	-	7·8	7·8	1500	1	*
Valentia Obsy. †	1001·3	+6	S'W	4	s/r	51	97	6	6	-	-	10	10	450	1	3
Roches Point	1004·3	0	S	4	dr	49	97	5	5	-	-	10	10	450	1	4

PAST 24 HOURS.

Stations	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 9h-21h hrs. (36)
London (Kew)	59	43	35	Tr.	-	3.6
Croydon ...	61	43	39	-	Tr.	3.8
S. Farnborough	58	37	30	-	-	2.0
Boscombe Down	57	41	38	-	Tr	4.7
Calshot (Sthmtn.)	52	42	39	-	Tr	3.7
Lympne ...	57	40	37	-	-	5.6
Manston ...	57	43	37	-	-	8.8
Shoeburyness ...	56	38	32	-	-	3.0
Felixstowe ...	51	42	39	Tr.	-	6.8
Gorleston ...	47	41	40	-	-	3.7
Mildenhall ...	59	40	35	Tr.	Tr	1.1
Cranwell ...	50	38	33	Tr.	Tr	0.0
Birmingham ...	56	43	41	-	-	3.2
Upper Heyford	58	41	36	-	-	*
Ross-on-Wye	55	46	41	-	-	0.5
Portland Bill ...	48	43	*	-	Tr	*
Plymouth ...	50	48	47	3	0.1	0.0
The Lizard ...	49	47	*	3	0.3	*
Scilly (St. Mary's)	51	48	*	2	0.3	0.0
Guernsey ..	54	45	45	-	1	0.4
Pembroke ...	48	45	*	0.4	2	0.0
Holyhead ..	55	47	46	0.1	4	5.1
Chester (Sealand)	57	46	45	Tr.	5	1.6
Manchester ...	57	46	44	-	0.4	1.9
Spurn Head ...	46	39	*	-	-	0.0
Catterick ...	46	41	41	0.4	Tr	0.0
Tynemouth ...	42	40	39	-	-	0.0
Inchkeith ...	42	39	36	-	0.5	0.0
Leuchars ...	43	40	38	Tr.	-	0.0
Renfrew (Abbotsl.)	47	42	41	1	0.5	0.0
Eskdalemuir ...	47	39	39	0.2	1	0.0
Point of Ayre ...	48	43	*	-	1	0.2
Tiree	48	44	43	1	2	0.3
Stornoway ...	47	43	*	-	0.2	0.3
Dalwhinnie ...	41	37	33	-	Tr	0.0
Aberdeen ...	42	40	40	Tr.	-	0.0
Wick ...	43	40	*	Tr.	-	*
Lerwick ...	44	39	*	-	Tr	0.0
Blacksod Point	51	44	*	0.5	0.1	*
Malin Head ...	48	46	*	0.2	0.4	0.0
Aldergrove ...	51	46	44	Tr.	Tr	0.1
Birr Castle ...	52	45	37	1	0.1	0.3
Valentia Obsy. †	52	51	49	-	5	5.1
Roches Point	50	47	*	0.5	3	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	of bz$_o$	bcc z$_o$	bcbm of	59	43	35	Tr	-	3.6	*	*	2
Croydon	217	Fe bcy	bc2 bc6	c2 bcm f	61	43	39	-	Tr	3.8	*	*	3
Greenwich (Royal Observatory) ...	149	dbcf	cfc	bcwf	59	41	32	-	Tr	2.8	58	94	3
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	56	45	35	-	-	0.6	81	91	*
Regents Pk. (Botanic Gardens)† ...	168	*	*	*	54	43	35	-	-	0.1	80	97	*
Camden Square	110	afcf	cf	*	53	43	34	-	-	*	*	94	*
Kensington	80	cmcfcm	cm	*	55	42	35	r	-	1.5	At 18h. 74	94	*
Hampstead Observatory	450	of	bcm	bcmc	54	41	32	-	-	1.1	*	93	*

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 6th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 6th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1009.1	-	0	z_o	57	1013.1	-	0	z_o	
Brussels	1010.0	S	3	Cu	54					
Berlin	1012.0	ESE	3	$r_o r_o$	45	1013·8	-	0	df	45
Zürich	1010.2	ENE	2	bc	57	1013·8	E	1	m	41
Rome	1010·2	WNW	4	c	57	1011·9	E	2	c	54

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
61		-	
*		Tr	
46	43	3	1
64	37	-	-
*	*	-	-

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
2.0	18-20h 5th.	0.6	2-4h. 6th.

Kew Observatory. Max.	Time.	Min.	Time.
0.8	20h 5th.	0.1	4h 5th.

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 —Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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. George C. Simpson, K.C.B., D.Sc., F.R.S., Director.

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

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

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 7th April, 1937.

No. 27530.

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)	1013·7	+4	SSE	2	c	58	65	7	2	7	1	2·3	9+	2500.
	Croydon ...	1013·5	+4	S'W	3	c	61	55	7	7	3	-	2·3	9+	4000.
	S. Farnborough	1013·6	+2	S'W	2	c/r	57	65	7	7	7	-	4·6	9+	4000.
	Boscombe Down	1013·4	+2	S'E	4	c	55	75	7	5	1	-	9+	10	2500
	Calshot (Sthmtn.)	1014·0	+10	S'W	3	c	51	92	7	5	-	-	10	10	1500
	Lympne ...	1015·1	+10	S'E	2	z_o	57	75	5	2	7	-	1	9+	4000
	Manston ...	1014·1	+10	SE	3	z_o	55	75	6	-	7	-	0	10	-
2	Shoeburyness ...	1014·2	+4	E'S	1	c	53	85	5	-	3	-	0	9+	-
	Felixstowe ...	1014·7	+6	E'N	1	mc	52	75	4	-	1	7	0	9+	-
	Gorleston ...	1015·0	+6	-	0	c	45	97	5	-	7	-	0	7·8	-
	Mildenhall ...	1013·3	+2	SE	2	z_o	58	75	5	5	7	-	2·3	9	5700.
	Cranwell ...	1013·4	0	SE'E	3	z_o	58	75	6	7	3	9	7·8	9	4000.
3	Birmingham ...	1012·6	+2	S	2	c	55	65	8	7	7	-	2·3	9	2500.
	Upper Heyford	1013·6	+2	S'E	2	z_o	57	65	6	2	7	-	2·3	9	2500.
4	Ross-on-Wye	1012·4	+4	S'W	3	c	55	75	6	7	-	-	7·8	7·8	4000.
5	Portland Bill ...	1014·0	+14	SSW	3	o	48	92	7	5	-	-	10	10	1500.
	Plymouth ...	1012·6	+12	S'W	2	c/d	51	97	5	-	2	-	10	10	220.
	The Lizard ...	1011·9	+12	SSW	3	oF	52	97	1	5	-	-	10	10	450.
	Scilly (St. Mary's)	1011·7	+16	SW	4	id	52	97	4	5	-	-	10	10	800.
	Guernsey ...	1014·7	+12	SW	1	o	55	92	7	5	-	-	10	10	1500.
6	Pembroke ...	1009·6	+6	S'E	4	of	48	97	2	5	-	-	10	10	2500.
7	Holyhead ...	1010·0	+6	S	4	c	56	75	8	1	9	-	1	7·8	4000.
	Chester (Sealand)	1011·1	-2	SE	4	c/d	57	65	7	8	-	-	9	9	2500.
8	Manchester ...	1011·9	-0	S'E	4	z_o	58	56	5	8	6	-	4·6	7·8	1500.
10	Spurn Head ...	1014·4	+6	SE	3	of	48	97	3	5	-	-	10	10	<150.
	Catterick ...	1013·0	-2	S	3	z_o	49	85	6	5	-	-	10	10	1500.
	Tynemouth ...	1013·1	+4	S	2	c/r	42	97	5	-	2	-	10	10	1500.
11	Inchkeith ...	1012·9	+4	NNE	3	c	41	97	7	5	-	-	10	10	2500.
	Leuchars ...	1012·3	+2	E	2	z_o	46	92	5	5	-	-	9+	9+	2500.
12	Renfrew (Abbotsl.)	1010·5	0	ENE	3	df	47	92	3	5	-	-	10	10	1500.
	Eskdalemuir ...	1011·4	+2	S	3	ir$_o$	49	85	7	6	1	-	9+	10	1500.
	Point of Ayre ...	1010·6	+2	S	3	c	49	97	5	-	6	-	0	9	-
13A	Tiree	1007·1	+4	SE'S	5	z_o	47	92	6	5	-	-	10	10	1500.
13B	Stornoway ...	1008·4	0	SE	3	c	47	85	6	5	2	-	7·8	10	4000.
15	Dalwhinnie ...	1012·4	0	S	5	c	41	85	6	4	2	-	2·3	10	2500.
	Aberdeen ...	1013·5	+4	SSE	3	id$_o$	41	97	4	5	-	-	10	10	<150.
16	Lerwick ...	1011·4	-10	ESE	4	c	43	97	5	5	2	-	9	10	800.
		1014·4	+12	S	3	c	43	85	7	8	2	-	7·8	9+	800.
17	Blacksod Point	1001·7	+6	SSE	4	c	52	92	7	9	-	-	10	10	800.
18	Malin Head ...	1006·3	+4	S	4	c	53	92	7	2	6	-	4·6	7·8	1500.
	Aldergrove ...	1007·6	+6	SSE	4	c	52	85	7	5	3	-	9	9+	800.
19	Birr Castle ...	1005·1	+6	S	3	c	58	85	8	5	-	-	9+	9+	2500.
20	Valentia Obsy. †	1005·7	+22	SW'S	5	id$_o$	54	92	6	5	-	-	10	10	450.
	Roches Point	1007·5	+20	SW	4	id$_o$	53	97	6	5	-	3	4·6	7·8	450.

OBSERVATIONS at 18h. G.M.T. 6th 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)
1015·2	+12	SSW	3	z_o	54	75	6	5	7	-	4·6	9	4000	1	*
1015·0	+10	SSW	3	z_o	53	85	6	5	7	-	7·8	10	2500	1	*
1015·0	+8	SSW	2	c	53	85	7	5	3	-	9	9+	4000	1	*
1014·6	+6	SSW	3	c	53	85	7	5	3	9	7·8	9+	1500.	1	*
1015·3	+8	SSW	2	f+	50	97	2	-	-	-	10	10	<150.	1	2
1016·5	+8	SW'S	3	id$_o$	51	85	6	5	3	-	7·8	9+	450.	1	↓
1015·8	+14	SSW	4	c	53	85	7	-	7	1	0	7·8	-	1	
1014·9	+6	SW	2	bc	54	75	6	-	5	-	0	4·6	-	1	*
1015·2	+8	ESE	1	m	49	85	4	-	7	-	0	9+	-	1	1
1015·4	+6	SE'E	1	c	45	92	5	5	-	8	4·6	7·8	1500	1	2
1014·2	+6	S	3	z_o	57	75	6	8	7	-	7·8	10	4000.	1	*
1013·6	+4	E'S	2	z_o	55	85	6	8	3	-	4·6	9+	2500	1	*
1013·2	+2	SSW	3	c	55	75	8	7	3	-	2·3	7·8	2500.	1	*
1014·2	+6	S'E	3	c	54	85	7	8	3	-	4·6	7·8	2500	1	*
1012·9	+4	SSW	3	c	54	85	7	5	-	1	9	9+	2500	1	*
1015·3	+6	SSW	3	f	48	92	2	5	-	-	10	10	<150.	1	3
1013·8	+6	WSW	3	z_o	51	97	5	-	2	-	10	10	220	1	2
1014·2	+14	SW'S	4	z_o	50	97	5	5	-	-	10	10	1500.	1	3
1013·4	+12	SW'S	4	c	52	97	6	5	-	-	9+	9+	1500.	1	2
1015·7	+8	W'S	3	ir$_o$	52	97	6	5	-	-	10	10	1500.	1	2
1010·0	+6	SW	3	of	48	97	2	5	-	-	10	10	800.	1	2
1009·8	-2	S	4	id$_o$	50	97	6	5	-	-	10	10	220	1	2
1011·2	+4	SE	3	c	56	75	7	6	3	-	7·8	7·8	2500	1	*
1011·9	0	S'E	3	c	57	55	7	5	5	-	4·6	7·8	2500	1	*
1014·4	0	SE'E	4	of	41	97	2	5	-	-	10	10	<150.	0	2
1012·3	-2	-	0	z_o	52	85	5	5	-	-	9+	9+	4000	1	
1013·0	0	S	3	oF	41	97	1	5	-	-	10	10	800.	1	2
1013·0	-6	[illegible]	3	c	41	97	6	5	-	-	9+	9+	2500.	0	2
1011·6	-6	E	2	c/r	44	92	5	5	-	-	10	10	1500.	1	*
1009·3	-6	SE	1	m	52	85	4	5	-	-	10	10	2500.	1	*
1010·8	-2	S'E	3	c	51	85	6	5	-	-	9+	9+	1500.	1	*
1010·2	-2	S'E	3	d$_o$d$_o$	49	92	6	5	-	-	10	10	450	1	1
1006·3	-6	SE	5	c	48	85	6	5	2	-	9+	10	1500	0	2
1007·8	-2	S	2	c	48	85	7	5	2	-	7·8	10	4000.	1	6
-	-2	S	4	d	42	92	5	5	-	-	10	10	1500.	4	
1013·1	-2	SSE	4	F	41	97	1	-	-	-	10	10	<150	1	1
1010·7	-4	SSE	4	c	43	97	5	5	2	-	9+	10	450	1	3
1014·0	-4	S	4	c	41	85	7	5	2	-	7·8	10	800.	1	
1003·2	+6	S	4	id	50	97	5	6	-	-	10	10	800.	1	3
1004·5	-8	SSE	4	id$_o$	52	97	6	9	-	-	9+	9+	1500.	0	1
1006·9	-6	SE	5	c	50	97	6	5	3	-	9	9+	4000	1	
1005·9	+6	S	2	c	57	85	8	5	2	-	7·8	10	12500	1	*
1006·3	+2	SW	4	c	53	92	6	5	-	-	10	10	800.	1	3
1003·0	+6	SW	4	id$_o$	51	97	6	5	-	-	10	10	450	1	4

PAST 24 HOURS.

Weather. 7h.—18h. 6th. (37)	Weather. 18h.—18h. 6th. (38)	Weather. 18h. 6th to 1h. 7th. (39)	Weather. 1h.—7h. 7th. (40)
ofc pr$_o$c	ccz_o	cbc m$_o$	cr$_o$ cm$_o$
cff pr$_o$	cy cc m$_o$	cm$_o$ of d$_o$	of d$_o$ bc or
c fc y ir$_o$	ir$_o$ cr$_o$	co m$_o$ r$_o$	id$_o$ m$_o$ o
cr$_o$ fff c	cir$_o$ c.	co for	od d$_o$
cd fr c	cpr$_o$ off.	aff d pm	om c m$_o$
oz_o	cpr$_o$ m$_o$	od ff d$_o$	d$_o$ ff e
cm$_o$	cm$_o$ ir$_o$ c	bc com w	om$_o$ w
m m$_o$ c	ir$_o$ bcz_o	bc m$_o$ b	bm$_o$ cr$_o$
bc m c m	cm.	cm d$_o$ cf	ff d fom
Ff ez_o	obcz_o	of bm	kf od
bm cz_o	c z y.	cz$_o$ bz$_o$	bz$_o$ cr$_o$ m
of em c m$_o$	cr ar r$_o$ c	cm$_o$ bcb	bc cpr f
fcr$_o$	c	c	cbc
fm$_o$ dr$_o$ m$_o$	cm$_o$ cbc	bcb	bc cd$_o$
cm ir$_o$ cz_o	o.	copo	cor$_o$
off.	off.	off	off rr
oid d d m$_o$	om$_o$ f m m$_o$	om$_o$	orr m$_o$
ff of F	ff r m	omi fc	errif
oidm.	odm c	cd$_o$ hc	crrid
id$_o$ pr.	cor$_o$	ocid$_o$	corr
cirff o	oi Dqi fo	cq ffo	iRq mm
ir$_o$ c	id$_o$ dm$_o$ o.	id$_o$ fco	ofec d$_o$ c
r$_o$ r f m id$_o$ c	bcc.	cbcc	cir$_o$ m$_o$
cm ir$_o$	cz$_o$	bcc m$_o$	cr$_o$ r cm$_o$
ff.	Ff.	ff m ff	f m r of
fid$_o$ m$_o$	om$_o$ c m$_o$	cm$_o$ of	ofr$_o$
orf.	oFF.	o	oid ff
r$_o$ r$_o$ c.	c.	cr fz_o	z_o cz_o
om$_o$ c m$_o$	om$_o$ ir$_o$ o.	cm$_o$ om	om
cir$_o$ cf d$_o$	cf m$_o$ id$_o$	cmm r$_o$	cm$_o$ r
cir$_o$	cir$_o$ cm$_o$	cir$_o$ o	orfrr
r or fc.	cozid$_o$	d od ff	orr
cpr$_o$ c.	cpr$_o$ c	<	cpr$_o$ bc
id$_o$ id$_o$	oid$_o$ o.	oiRo	oc ir$_o$
drdrid.	oid$_o$	oid	drdrid

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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. ,, wet.
2 .. ,, flooded.
3 .. ,, frozen hard and dry.
4 .. ,, partly covered with snow or hail.
5 .. ,, covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 .. ,, covered with snow, less than 6 ins., but ground frozen.
9 .. ,, covered with snow greater than 6 ins. deep.

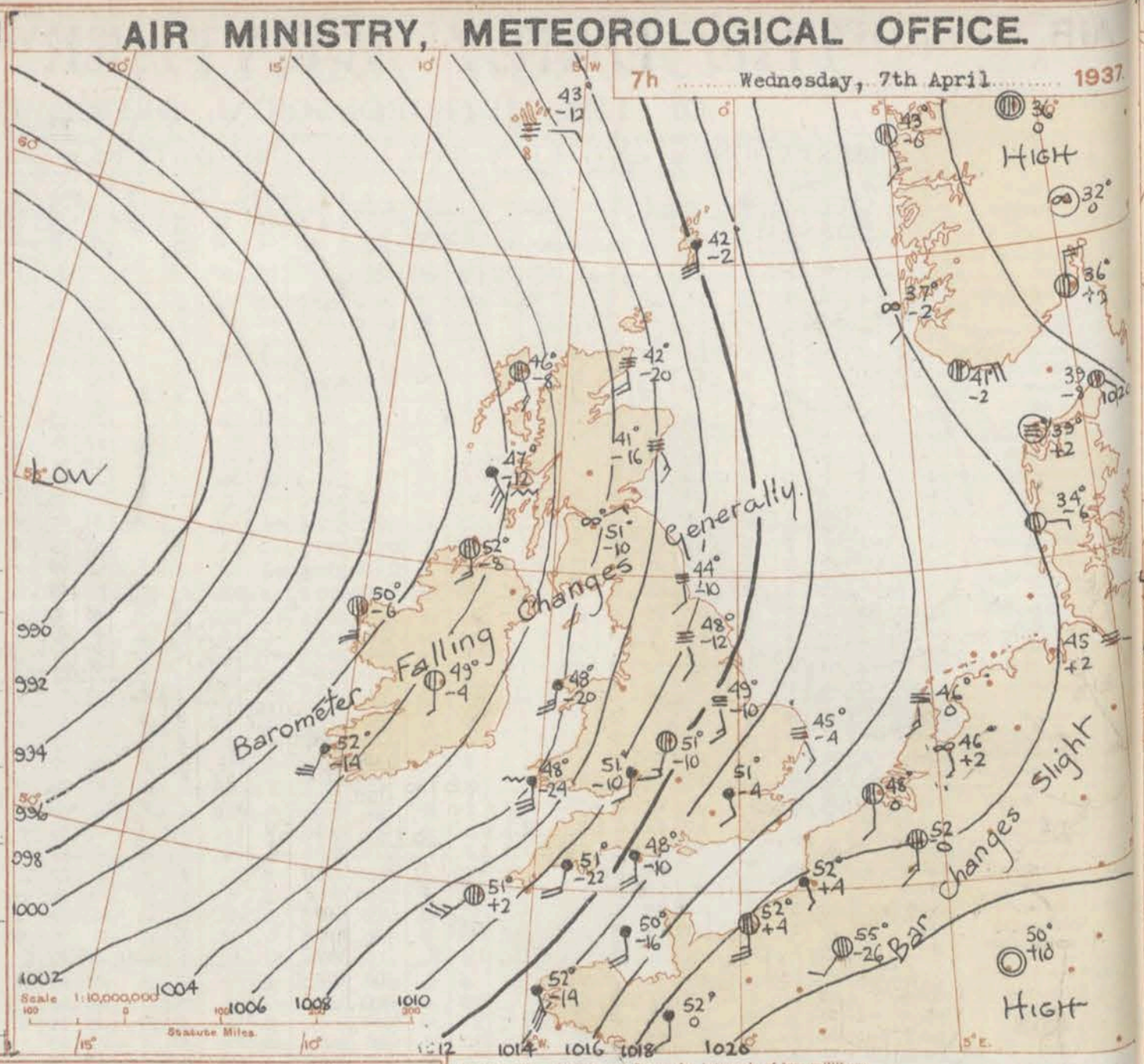
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 6th April 1937.

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (F). Min. 9h. 5th to 9h. 6th.	Temperature (F). Max. 9h.—17h. 6th.	Rainfall (mm). Night. 17h. 5th to 9h. 6th.	Rainfall (mm). Day. 9h.—17h. 6th.	Sunshine (Hrs). Sunrise to 17h. 6th.	Sunrise to Sunset. 5th.
1	Tunbridge W.	o	oco	40	58	-	-	0·1	4·7
	Bournemouth	mco	odm	42	54	0·3	0·5	0·1	0·8
	Ventnor ...	rmco	rom	45	51	0·5	2	0·1	1·2
	Southsea ...	co	ocpo	44	53	0·3	0·2	0·2	1·1
	Bognor Regis	rbcco	orr	45	50	1	1	0·2	0·2
	Littlehampton	or$_o$c	cod	44	51	Trace	0·5	0·0	2·2
	Worthing ...	or$_o$o	od$_o$	46	52	-	0·3	0·0	3·1
	Brighton ...	cid$_o$	cdc	45	51	Trace	Trace	0·0	4·4
	Eastbourne† ...	co	o	46	58	-	-	0·1	5·5
	Hastings† ...	ccbc	bcco	46	54	-	-	0·4	7·9
	Folkestone ...	bcm$_o$co	ocm$_o$	46	54	-	-	1·3	3·1
	Dover ...	mbcco	mor$_o$c	47	54	-	Trace	1·6	3·3
	Deal	co	coc	42	60	-	Trace	2·0	3·8
	Ramsgate ...	bcc	cp$_o$c	45	59	-	Trace	2·4	3·3
	Margate ...	bcc	cd$_o$	45	61	-	Trace	1·3	3·0
2	Southend ...	cm	cr$_o$	44	55	Trace	Trace	0·9	3·8
	Maldon ...	c	c	40	59	-	-	0·4	3·6
	Clacton-on-Sea	cbcm	bccm	43	51	-	-	2·0	6·1
	Dovercourt ...	cm	bcm	41	53	-	-	2·5	6·0
	Lowestoft ...	fbcz	bz$_o$	40	49	-	-	5·3	4·6
	Skegness ...	fcb	bc	40	46	-	-	3·2	1·4
	Mablethorpe...	fom	omf	38	44	-	-	0·0	0·0
	Cleethorpes ...	cmbc	cmo	40	47	-	-	0·0	0·2
3	Leamington S.	oc	obc	42	59	-	-	0·1	4·8
4	Cheltenham†	op$_o$oc	cbcc	44	58	Trace	Trace	0·7	3·6
5	Bath	cp$_o$	cp$_o$bc	44	57	-	Trace	0·2	1·5
	Weymouth ...	mo	d$_o$ff	43	52	-	Trace	0·0	0·1
	Jersey ...	pcd	cd	47	54	0·4	0·1	0·2	0·3
	Torquay ...	feco	odrp	47	54	0·6	1	0·0	0·0
	Penzance ...	dmid	oidc	48	54	1	1	0·0	0·0
	St. Ives ...	d	c	48	56	3	1	0·0	0·0
	Bude... ...	c	d	48	56	-	2	0·2	0·0
	Ilfracombe ...	cbcc	pbcco	48	59	-	1	1·3	0·0
6	Aberystwyth	prc	c	47	57	12	-	0·4	2·0
7	Llandudno ...	rc	bcc	48	59	11	0·1	1·5	6·7
	Colwyn Bay...	opbcc	cbcbc	47	59	3	-	1·0	5·6
	Rhyl	orcpr	dbcc	48	58	8	0·2	0·4	4·6
8	Wallasey ...	roc	bccbc	46	58	5	Trace	1·2	2·3
	Southport ...	mrcbc	bcc	46	59	5	0·5	1·4	1·1
	Blackpool ...	oroc	c	45	58	3	0·5	1·8	0·5
	Morecambe ...	ircbc	cbbcc	46	58	4	0·5	0·5	1·5
9	Ilkley... ...	of	ogo	41	53	0·3	-	0·0	0·0
	Harrogate ...	oc	bcc	41	54	Trace	-	1·4	0·0
10	Berwick-on-T.	om$_o$	m$_o$c	40	45	Trace	-	1·1	0·0
11	Dunbar ...	om$_o$r$_o$	om$_o$r$_o$	40	52	0·3	0·5	0·1	0·0
12	Troon... ...	corro	cocbc	42	50	2	1	0·2	1·3
	Douglas ...	cd·f	cd·f	42	50	10	1	0·3	2·4

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



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~ Rough. ≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 7th April, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Moderate south or southwest winds; mainly cloudy, with rain or drizzle at times; rather mild.
4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ...	Moderate south or southwest winds, fresh locally; mainly cloudy, with rain or drizzle at times; local coast fog; rather mild.
8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	As 1 - 3.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W.Scotland.	Fresh south or southwest winds; mainly cloudy, with rain or drizzle at times; rather mild.
14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Moderate or fresh south or southeast winds; mainly cloudy, with rain or drizzle at times; local coast fog at first; becoming rather mild.
17 N. W. Ireland 18 N. E. Ireland	As 12 - 13B.
19 S. E. Ireland 20 S. W. Ireland	Fresh south or southwest winds; mainly cloudy, with rain or drizzle at times; local coast fog; rather mild.

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

GENERAL INFERENCE.

A depression west of Ireland is moving northeast. It will be rather mild in most districts with cloudy conditions and some rain at times; There will be coastal fog in the south and west.

FURTHER OUTLOOK.

Similar.

Forecasts issued at 1030 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.
Director.

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

Morning of

WEDNESDAY, 7TH APRIL.

1937.

Clarke's Projection Scale 1: 4X10⁷ along meridian 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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 7th April, 1937.
No. 27530.

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	1015·3	-6	S'W	3	df	50	97	3	5	-	-	10	10	4150
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1017·2	-4	SSW	2	dF	49	97	1	-	-	-	10	10	4150
	Manston ...	142	1016·6	-2	SW'S	3	z_o	50	97	6	5	-	-	10	10	800
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	**	*	*	*	*	*	*	*	*
	Gorleston ...	5	1016·0	-2	-	0	m	41	97	4	1	-	-	0	0	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1015·3	-6	WSW	3	f	47	92	2	5	-	-	10	10	4150
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1013·8	-6	S	5	c	50	97	7	5	-	-	7·8	7·8	2500
	Scilly (St. Mary's)	163	1012·0	-14	S'W	5	c	51	97	7	5	-	-	9+	9+	1500
	Guernsey ...	175	1017·2	-4	SW	3	c	52	92	7	8	-	-	10	10	2500
6	Pembroke ...	142	1011·2	-4	SW'S	5	cf	49	97	2	5	-	-	10	10	1500
7	Holyhead ...	26	1009·6	-6	S'W	4	f+	48	97	2	*	*	*	10	10	4150
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1013·6	0	SE	3	F	42	97	0	5	-	-	10	10	4150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1012·0	-10	S	2	0	42	97	5	5	-	-	10	10	800
11	Inchkeith ...	190	1012·5	-12	N	2	z_o	44	97	6	5	-	-	10	10	1500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1008·0	-10	S'W	4	f	47	97	3	-	-	-	10	10	4150
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1006·4	-18	SE	5	c	47	85	7	5	2	-	7·8	10	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	77	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1009·5	-8	S	4	0	42	97	5	5	-	-	10	10	450
16	Lerwick ...	156	1013·1	-8	S	6	c	42	92	7	5	2	-	7·8	10	800
17	Blacksod Point	18	1000·5	-20	S	6	RR	51	92	7	6	-	-	10	10	800
18	Malin Head ...	83														
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1003·5	-6	SSW	3	c	52	92	8	5	-	-	9+	9+	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 7th 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)
1015·0	-4	SSW	4	z_o	52	92	6	5	-	-	10	10	1500	1	*
1014·5	-4	SSW	2	id$_o$	51	97	4	5	-	-	10	10	220	1	*
1014·3	-6	S'W	2	id$_o$	51	92	6	5	-	-	10	10	800	1	*
1013·8	-8	S'W	4	d$_o$d$_o$	50	97	6	-	2	-	10	10	450	1	*
1015·1	-4	SSW	4	z_o	49	97	6	5	7	-	7·8	10	800	1	2
1016·7	+2	SSW	2	F	49	97	1	-	-	-	10	10	4150	1	*
1015·8	0	SW	3	z_o	50	92	6	5	-	-	10	10	800	1	*
1015·1	-4	SW'S	3	c	51	92	5	5	-	-	9+	9+	4000	1	*
1015·3	-4	S'E	2	m/f	47	97	4	5	-	-	10	10	450	1	2
1015·1	-4	SE	2	F	45	97	1	-	-	-	10	10	4150	1	2
1013·8	-8	S	3	z_o	50	97	5	5	2	-	7·8	10	800	1	*
1012·3	-10	SE	3	m/f	49	97	4	5	-	-	10	10	220	1	*
1011·1	-10	SSW	3	c	51	92	6	76	3	-	4·6	9+	1500	1	*
1013·2	-10	S'E	3	c	51	97	6	5	7	-	7·8	9+	800	1	*
1011·4	-10	S	2	iv$_o$	51	92	6	6	-	-	10	10	1500	1	*
1013·2	-10	S	4	rr	48	92	7	5	-	-	10	10	1500	1	3
1010·8	-22	SSW	4	r$_o$r$_o$	51	97	5	-	2	-	10	10	220	1	2
1010·1	-16	SSW	6	r$_o$r$_o$	50	97	5	5	-	-	10	10	800	1	4
1009·0	+2	SW	5	D/A	51	97	7	8	4	-	2·3	4·6	1500	1	3
1015·8	-16	S	4	r$_o$r$_o$	50	97	6	5	-	-	10	10	1500	1	3
1005·9	·24	S	6	rr	48	97	4	5	-	-	10	10	1500	1	4
1005·9	-20	S	5	id$_o$	48	97	7	5	2	-	7·8	10	450	1	3
1009·0	-14	SE'E	3	iv$_o$	52	85	6	6	2	-	7·8	10	1500	1	*
1009·8	-10	SE'S	2	z_o	52	92	5	5	3	-	4·6	7·8	5700	1	*
1012·7	-6	SE'E	4	f	45	97	2	5	-	-	10	10	4150	1	3
1009·6	-12	S'E	2	f	48	97	2	-	-	-	10	10	4150	1	*
1009·3	-10	S	2	c/f	44	97	3	5	-	-	10	10	800	1	2
1007·9	-4	SE	2	z_o	46	92	6	5	7	-	4·6	7·8	1500	1	1
1007·8	-18	E	2	m	43	97	4	5	-	-	10	10	220	1	*
1005·7	-10	ENE	1	z_o	51	85	6	5	-	-	10	10	1500	1	*
1007·1	-12	S'W	3	rr	48	97	5	-	2	-	10	10	4150	1	*
1006·3	-12	S'W	4	f	47	97	3	-	-	-	10	10	4150	0	2
1001·3	-12	SE	5	ir	47	92	6	6	2	-	7·8	9+	1500	1	4
1003·0	-8	SE	3	c	46	97	7	5	7	-	7·8	10	2500	1	*
1007·1	-6	S	3	m	42	97	4	5	-	-	10	10	800	4	*
1008·8	-16	SSE	3	F	41	97	1	-	-	-	10	10	4150	1	2
1006·6	-20	S	4	f	42	97	2	-	-	-	10	10	4150	1	3
1012·3	-2	S	6	pr$_o$	42	92	7	5	2	-	9	10	800	1	*
999·0	-6	S	5	c	50	92	7	9	-	-	9	9	800	1	3
1000·5	-8	S	3	c	52	97	8	9	-	-	9+	9+	2500	0	1
1003·1	-12	SSE	4	ir	50	97	7	5	2	-	7·8	9+	450	1	*
1002·7	-4	S	1	bc	49	97	8	5	-	-	2·3	2·3	2500	1	*
1000·8	-14	S'W	5	ir$_o$	52	97	7	6	-	-	10	10	800	1	3
1003·9	0	SW	3	dd	50	97	5	5	-	-	10	10	220	1	4

PAST 24 HOURS.

State of Ground. 0–9 (29)	Sea. 0–9 (30)	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 Total Hrs. (36)
1	*	60	51	46	Tr.	Tr.	0·9
1	*	61	50	47	Tr.	Tr.	1·2
1	*	60	50	48	Tr.	0·2	1·4
1	*	56	49	49	0·1	1	0·4
1	2	53	48	48	0·3	1	0·1
1	*	57	48	48	Tr.	0·1	1·1
1	*	60	47	43	Tr.	-	1·9
1	*	55	47	36	Tr.	Tr.	1·1
1	2	52	43	35	-	0·1	1·8
1	2	47	41	33	-	-	4·1
1	*	63	43	41	-	0·1	1·7
1	*	60	44	35	Tr.	0·3	2·0
1	*	56	50	43	Tr.	-	0·5
1	*	58	48	42	0·1	0·1	*
1	*	57	51	47	0·1	0·2	0·3
1	3	49	45	*	Tr.	1	*
1	2	52	50	49	1	5	0·0
1	4	52	49	*	3	7	*
1	3	53	50	*	1	5	0·0
1	3	57	50	49	1	1	0·5
1	4	49	46	*	2	7	0·0
1	3	56	47	47	0·3	1	2·3
1	*	60	50	45	0·4	0·2	2·8
1	*	59	51	47	Tr.	1	1·7
1	3	43	41	*	-	0·3	0·0
1	*	53	45	45	Tr.	0·6	0·8
1	2	43	40	40	1	Tr.	0·9
1	1	45	41	40	2	0·3	0·2
1	*	47	41	37	Tr.	-	0·2
1	*	52	49	47	0·2	0·5	0·0
1	*	53	46	45	0·5	5	0·2
1	*	53	45	*	6	1	0·7
1	4	49	45	45	-	2	0·1
1	*	49	46	*	1	3	0·0
1	*	45	40	37	Tr.	0·1	0·4
1	2	42	40	40	Tr.	Tr.	0·0
1	3	44	41	*	-	Tr.	*
1	*	44	40	*	Tr.	Tr.	0·0
1	3	52	45	*	1	8	*
1	1	54	50	*	Tr.	0·2	1·8
1	*	54	48	47	Tr.	0·2	0·5
1	*	60	49	42	0·5	1	1·4
1	3	55	50	48	0·2	8	0·1
1	4	53	49	*	2	7	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning.	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	ofcpr.c	ccz_o	dbccr.m$_o$	60	51	46	Tr	Tr	0·9	*	*	6
Croydon	217	cff pr$_o$	cyccm$_o$	cm.dddm	61	50	47	Tr	Tr	1·2	*	*	6
Greenwich (Royal Observatory)...	149	cfc	c	cbc	63	49	40	-	-	0·3	66	90	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·2	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	59	52	46	+		0·6	63	88	*
Regents Pk. (Botanic Gardens)†...	168	*	*	*	59	46	45	-	-	0·1	70	90	*
Camden Square	110	cf	c	*	55	150	43	-	-		*	85	*
Kensington	80	cmbc	c	*	59	51	44	-	Tr	0·6	At 18h. 77	89	*
Hampstead Observatory	480	c	bcb	cmo	58	48	40	Tr	-	0·4	*	95	*

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.
Paris	1017·4	NW	3	c/pr	63	1019·7	SW	2	c	55
Brussels	1015·7	W	1	pr$_o$	59	1017·8	S	3	c	52
Berlin	1016·6	NE	1	id$_o$	46	1019·0	-	0	m	46
Zürich	1017·4	WNW	1	c	55	1022·7	SSE	1	c/r	46
Rome										

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington.	Max.	Time.	Min.	Time.
	2.0	2-6h 6th	0.3	1-4h 7th

Kew Observatory.	Max.	Time.	Min.	Time.
	0.5	5h 6th	0.1	0-7h 7th

Past 24 Hours.	Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
	64	52	*	3
	66	48	-	Tr
	48	45	3	-
	64	46	-	7

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; 5/6 per quarter: 25/- per year.

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

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

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

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 8th April, 1937.
No. 27531

Distrct.	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 7th April														OBSERVATIONS at 18h. G.M.T. 7th 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. 7th	Weather. 13h.—18h. 7th	Weather. 18h. 7th to 1h. 8th	Weather. 1h.—7h. 8th
		(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	-30	S'E	4	id	53	92	5	6	2	-	9	10	450.	1009·6	+2	SSW	4	c/pr	55	85	6	9	-	-	9	9	1500.	1	*	ccrcd.	cpr.cm.	cm.c	cm.
	Croydon ...	1010·5	-34	S'W	4	dd	52	92	5	6	2	-	9+	10	450.	1009·5	+2	SW	4	c	54	85	6	2	6	3	2·3	7·8	2500.	1	*	od.crdm	r.d.cm.	d.bcc	bccpr.
	S. Farnborough	1010·5	-26	S	4	id	52	97	6	6	2	-	7·8	10	450.	1010·0	+6	SW	3	bc	56	75	6	4	6	-	2·3	4·6	2500	1	*	id.r.d.dr	cm.id.bc	bcm.cid.	cid.c
	Boscombe Down	1009·9	-20	SW	4	c/r	55	85	8	8	7	-	7·8	9	1500	1010·0	+6	SW	3	pr.	53	85	7	8	2	-	9	9+	1500.	1	*	orrd.d.	ccpr.	cpr.	cpr.
	Calshot (Sthmtn.)	1011·7	-14	SW'S	5	c/r	52	97	7	6	2	-	9	10	450.	1011·3	+6	SW	4	Zo	52	92	6	6	-	-	9+	9+	450	1	3	crrr.d.	c	cm.	cm.
	Lympne ...	1013·8	-26	SSW	5	id rd	52	85	5	6	7	-	7·8	10	800.	1012·0	+2	SW	4	c/f	50	97	6	5	-	-	10	10	450	1	3 2	Feomcr.	Fraf.	om.fom.	od.cm.
	Manston ...	1012·6	-26	SSW	5	c	56	75	7	5	7	-	7·8	9	4000.	1010·6	-8	SW'S	4	c	51	85	7	5	2	-	Tr	9+	1500.	1	*	cm.r.cq.	oddr.c.	bc	bcw
2	Shoeburyness ...	1012·3	-24	SW	4	pr.	54	75	8	9	7	-	9+	10	1500.	1010·2	-4	SW	3	c	52	85	6	-	7	-	0	9+	-	1	*	m.prc	irRir.	cbcm.	pbcm.
	Felixstowe ...	1012·7	-22	SSE	3	c/r	51	85	5	5	9	8	4·6	9+	2500.	1009·9	-8	SSW	4	Zo	51	92	6	5	1	-	7·8	10	2500	1	2	omcr.c.	r.r.cm.	cpr.bcc	cbcm.
	Gorleston ...	1012·1	-16	SSE	3	o	50	92	4	6	-	-	10	10	1500.	1008·6	-16	S'E	3	c/r	50	97	6	6	-	-	10	10	1500.	1	3	offir.m	omir.	cbz.w	bccw
	Mildenhall ...	1010·2	-28	S	4	c/r	55	75	7	5	2	-	2·3	10	1500.	1008·3	-4	SSW	4	Zo	55	85	6	5	-	2	Tr	4·6	2500	1	*	cm.ir.c	cr.r.cr.bc.	bcz.b	b.c
	Cranwell ...	1009·1	-22	SSE	4	r.r.	53	85	7	6	2	-	4·6	10	800.	1006·4	-8	SW'S	3	bc	57	75	7	8	7	1	2·3	4·6	2500	1	*	cmm.r.r.	r.r.rr.r.	bcbPR	cbc
3	Birmingham ...	1007·7	-20	SW	3	c/r	52	92	7	6	-	-	10	10	800.	1007·3	0	SW	3	bc	54	75	8	8	7	-	4·6	4·6	2500	1	*	cairo	obcpr.	c	cbc
	Upper Heyford	1009·5	-26	S	4	r.r.	51	97	6	6	2	-	9	10	450.	1008·9	+6	SW	4	c	55	75	8	8	7	-	7·8	9	1500	1	*	d.r.rR	r.r.bcc.	cr.r.m.	cm.
4	Ross-on-Wye	1008·0	-12	SW	4	bc	57	75	8	2	-	-	4·6	4·6	4000.	1008·0	0	SW	4	c/pr	52	92	7	8	8	-	7·8	9	2500	1	*	rrorbc.	bccp.	cp.op	ccp.
5	Portland Bill ...	1011·1	0	SW	4	c	50	92	7	4	-	-	10	10	2500.	1010·8	-6	WSW	4	c	50	92	7	5	-	-	10	10	2500	1	4	orrc	c.	o	oc
	Plymouth ...	1010·6	+2	SW'S	4	Zo	53	92	6	8	3	-	7·8	9	800.	1010·8	+6	SW	5	Zo	52	97	6	5	3	-	9	9+	800.	1	3	or.r.d.d.c	cpr.r.c.	epr.	cpr.m.
	The Lizard ...	1010·5	0	SW'S	5	c	54	92	6	5	-	-	9+	9+	1500.	1011·1	+8	SW'S	5	c	51	97	7	8	6	-	7·8	9+	800.	1	3	r.rbc	epr.m.	cpr.q	c
	Scilly (St. Mary's)	1009·2	0	SW	5	c	54	92	6	8	3	-	7·8	9	1500.	1009·9	+8	SW/W	6	c	53	85	6	5	6	-	4·6	7·8	2500.	1	3	bcc	cbcc.	cid.bc	bcc
	Guernsey ...	1014·2	-2	WSW	4	c	55	92	7	5	-	-	7·8	7·8	1500.	1014·0	+8	W'S	5	c	53	92	6	5	7	-	4·6	7·8	4000	1	3	r.ir.	cbcc.	coid.	opr.
6	Pembroke ...	1005·9	-2	SW	6	pr.	49	97	6	5	2	-	7·8	10	2500.	1005·5	-2	SW	6	q	49	92	5	5	-	-	10	10	1500.	1	3	orm.qpr	cm.ir.	cm.prq	cqm.c
7	Holyhead ...	1004·6	-4	SSW	4	c	51	92	6	5	-	-	9+	9+	450.	1003·6	-2	SSW	4	c	49	92	6	5	-	-	9+	9+	450	1	3	d.r.r.m.	ofc.	cm.rc	c
	Chester (Sealand)	1005·8	-16	SE	3	c/r	57	85	7	6	7	-	7·8	9	1500.	1005·4	+4	SSW	4	c	58	65	8	8	6	-	7·8	7·8	2500	1	*	ir.Rrrm.	cbcyc.	ed.d.c	cprc
8	Manchester ...	1007·1	-10	SSE	3	rr	51	97	6	6	2	-	7·8	10	800.	1005·4	-2	SW	3	c	56	75	7	8	-	-	7·8	7·8	2500.	1	*	r.r.rrR	rrjptbcc	tbccr.t.	rr.irir.
10	Spurn Head ...	1006·4	-16	SSE	4	c	49	97	6	5	2	-	4·6	10	1500	1005·6	-14	S'E	4	c	48	97	6	5	2	-	4·6	9	1500.	1	3	fmprc	prrc.	cir.	pr.c
	Catterick ...	1003·9	-14	S'E	2	r.r.	52	92	5	6	2	-	7·8	10	800.	1004·8	-4	SSE	1	Zo	51	92	5	2	7	-	2·3	4·6	2500.	1	*	fcor.r.	r.r.m.pr.	bcm.cpr	cprc
	Tynemouth ...	1006·7	-14	S	3	of	50	92	3	6	-	-	10	10	800.	1004·4	-16	S	2	o/r	50	92	5	6	-	-	10	10	800.	1	1	oiff	offir.	bcmoir.	cp.
11	Inchkeith ...	1005·7	-8	SE	2	ir.	48	92	7	8	-	-	9+	9+	2500.	1003·0	-12	S	3	c	51	75	8	8	-	-	9+	9+	4000	0	2	z.ir.	ir.c.	cir	circ
12	Leuchars ...	1005·2	-14	E	2	ir.	50	85	5	5	-	-	10	10	1500.	1002·8	-12	SE	2	c/r	50	92	6	5	7	-	9	9+	1500	1	*	cmcm.	cm.r.id.	cm.id.	cm.d.r.
	Renfrew (Abbots I.)	1003·1	-16	S	4	r.r.	53	85	6	5	7	-	4·6	9	1500.	1001·5	-6	S'W	3	bc	55	75	7	8	6	1	4·6	4·6	2500	1	*	cm.r.r.	cm.r.bc.	bccd.	cirr.rm.
	Eskdalemuir ...	1004·2	-12	SSE	3	ir.	51	92	6	6	2	-	9	10	800.	1003·6	-12	SSW	4	df	46	97	2	5	-	-	10	10	4150.	1	*	orir.m.	crrfd.	ofodd	crrof
	Point of Ayre ...	1003·9	-10	SSW	4	c	53	97	7	4	6	-	4·6	7·8	800.	1002·3	-4	SSW	4	o	51	92	7	4	6	-	4·6	9	800.	0	1	ofc.	cfc.	cprpr	oc
13A	Tiree	1000·2	-6	SE'S	5	c	50	85	6	4	7	8	1	7·8	2500.	998·4	-10	SE	4	c	49	85	8	5	7	-	7·8	9+	1500.	0	3	ir.cbc.	bcc.	cir	oir
13B	Stornoway ...	1001·1	-4	SSE	3	c	46	92	7	5	7	-	7·8	9+	1500.	999·7	-6	SE	2	bc	49	85	8	6	7	5	2·3	4·6	1500.	1	1	cpr.	cbc.	bccpr.	r.r.c
15	Dalwhinnie ...	•	-10	S	4	c	47	92	6	4	2	-	2·3	10	2500.	1002·6	-6	S	4	c	46	92	7	5	2	-	4·6	10	2500	1	*	cir	cir.	r.r.f	cir
	Aberdeen ...	1006·3	-12	SSE	4	m/f	43	97	4	5	-	-	10	10	<150.	1004·2	-10	SSE	2	f	43	97	2	-	-	-	10	10	<150	1	1	FDirf.	omff.	r.r.f	orfd.
	Wick ...	1004·5	-14	S	4	om	43	97	4	5	-	-	10	10	220.	1002·2	-10	SSE	4	F	43	97	1	-	-	-	10	10	<150.	1	3	offm.	omff.	offrr	Ffe
16	Lerwick ...	1009·2	-12	S	7	o	42	97	6	5	-	-	10	10	450.	1006·7	-8	S	6	ir.	42	97	6	6	-	-	10	10	450.	1	*	pr.m.	ir.m.	oirm.	orrm.
17	Blacksod Point	997·6	-6	S	4	c	51	92	7	9	-	-	10	10	800.	996·5	-12	S	4	c	50	92	7	9	-	-	10	10	800.	1	3	prc.	prc.	pr.	dd
18	Malin Head ...	998·9	-16	S	3	c	59	85	7	8	-	1	7·8	7·8	2500.	997·5	+4	S	3	c	59	92	7	8	-	9	7·8	7·8	2500.	0	1	c.p.	c.	cpr.c	cid.
	Aldergrove ...	1000·1	-24	S	3	c	59	75	8	8	-	1	9	9	2500.	999·6	-12	S	3	pr.	55	97	8	5	7	-	4·6	9	1500	1	*	cirr.c	ccpr.pr.	crrRc	ccpr.c
19	Birr Castle ...	1001·2	-10	S	3	c	57	85	8	8	1	-	7·8	9+	2500.	1000·5	-4	SSW	2	c/pr	55	85	8	8	7	-	7·8	9+	2500	1	*	bccpr.c	cpr.	cpr	cpr
20	Valentia Obsy. †	1000·8	+2	SW'S	6	o/pr	54	92	7	5	-	-	10	10	800.	1001·9	+10	SW	6	c/pr	53	85	6	5	-	-	9+	9+	1500.	1	3	ir.pr.c	cpr.c.	pr.prc	cir.c
	Roches Point	1003·6	+2	SW	4	dr	53	92	6	5	-	-	7·8	7·8	800.	1003·7	+4	S/W	5	id	52	92	6	5	-	-	9+	9+	800.	1	4	ddidr	cid.	id.bc	bcc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog ,, less than 220 yds.
fs, low fog over sea (coast station).
fg, low fog over land (inland station).
m. mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. ,, wet.
2 .. ,, flooded.
3 .. ,, frozen hard and dry.
4 .. ,, partly covered with snow or hail.
5 .. ,, covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 .. ,, covered with snow, less than 6 ins., but ground frozen.
9 .. ,, covered with snow greater than 6 ins. deep.

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

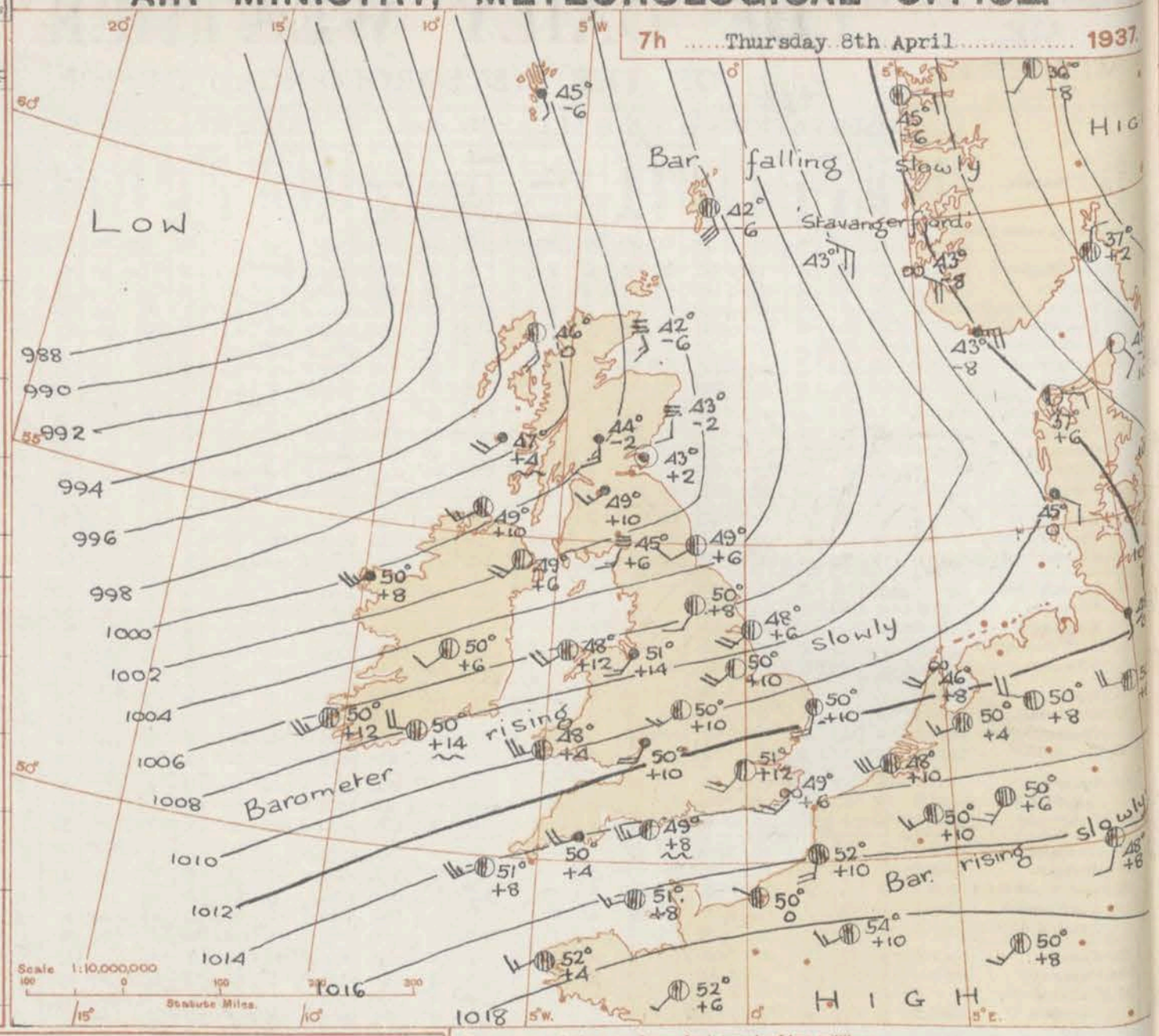
† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 7th. April 1937.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (F) Min. 9h. 6th. to 9h. 7th.	Temperature (F) Max. 9h.—17h. 7th.	Rainfall (mm) Night. 17h. 6th. to 9h. 7th.	Rainfall (mm) Day. 9h.—17h. 7th.	Sunshine (Hrs) Sunrise to 17h. 7th.	Sunshine (Hrs) Sunrise to Sunset. 6th.
1	Tunbridge W.	or	odo.	49	54	Trace	3	0·0	0·1
	Bournemouth	ro	bco	48	56	3	1	1·5	0·1
	Ventnor ...	orm	orom	47	51	1	2	0·0	0·1
	Southsea ...	or$_o$r	ocb	50	54	2	2	1·0	0·2
	Bognor Regis	roir	0	47	51	2	1	0·0	0·2
	Littlehampton	oddo	0	47	50	1	2	0·0	0·0
	Worthing ...	oid	odo	48	50	1	2	0·0	0·0
	Brighton ...	cdc	cdc	47	50	1	2	0·0	0·0
	Eastbourne† ...	opodr	rro	48	52	1	3	0·0	0·1
	Hastings† ...	ord	odmo	47	51	0·3	2	0·0	0·4
	Folkestone ...	omdo	coro	48	53	1	2	0·1	1·3
	Dover ...	focro	oir	48	53	0·5	2	0·0	1·6
	Deal	do	ddo	(47)	55	-	2	0·0	2·6
	Ramsgate ...	c	crc	48	55	-	0·5	0·2	2·6
	Margate ...	c	cr$_o$	48	57	-	0·5	0·4	1·5
2	Southend ...	orc	cor	47	55	Trace	0·5	0·2	1·1
	Maldon ...	ropc	orc	43	57	0·5	2	0·1	0·5
	Clacton-on-Sea	oc	cpc	46	52	-	0·2	0·2	2·0
	Dovercourt ...	doc	doc	46	55	Trace	0·2	0·2	2·5
	Lowestoft ...	ommpr	oid$_o$	42	53	0·6	0·5	0·0	5·7
	Skegness ...	omor	rorrc	43	53	0·2	3	0·0	3·2
	Mablethorpe...	om$_o$p$_o$	pirc	41	55	Trace	4	0·0	0·0
	Cleethorpes ...	cmor	r$_o$c	41	55	Trace	3	0·0	0·0
3	Leamington S.	po.	cbc	50	61	4	1	2·8	0·1
4	Cheltenham†	oir$_o$c	bccp$_o$	50	60	3	1	3·3	0·7
5	Bath	rrcbc	bcpc	51	61	4	6	2·7	0·5
	Weymouth ...	rec	bcm	48	55	5	-	2·5	0·0
	Jersey ...	rcr	cbc	50	56	1	3	2·8	0·3
	Torquay ...	dpcb	bccp$_o$	49	58	4	0·1	2·4	0·0
	Penzance ...	bcbcc	cp$_o$c	50	57	8	Trace	4·9	0·0
	St. Ives ...	b	pr	50	57	11	0·3	5·3	0·0
	Bude... ...	cpbc	cod	50	56	8	1	2·0	0·2
	Ilfracombe ...	rro	ocpo	51	58	13	0·1	0·0	1·3
6	Aberystwyth	cprbc	copr	48	54	3	2	1·4	0·5
7	Llandudno ...	c	bc	51	60	0·1	-	3·2	1·5
	Colwyn Bay...	cbcbc	bcbcc	52	59	0·3	-	4·7	1·0
	Rhyl	c	cbcc	50	59	0·2	-	4·2	0·4
8	Wallasey ...	rroc	bc	47	60	1	1	3·1	1·2
	Southport ...	roir	docbc	47	59	2	3	3·3	1·4
	Blackpool ...	oroir	Pcbcb	48	56	2	4	2·7	1·8
	Morecambe ...	rirco	cbbc	48	57	2	1	2·3	0·5
9	Ilkley... ...	cro	rc	42	56	0·5	9	0·0	0·0
	Harrogate ...	crr	rrcp	43	52	0·5	6	0·2	1·4
10	Berwick-on-T.	omm$_o$	r$_o$r$_o$o	41	53	1	2	0·0	1·1
11	Dunbar ...	r$_o$om$_o$	bcm$_o$	43	55	Trace	-	0·0	0·1
12	Troon... ...	oerc	cbcb.	42	53	1	1	1·0	0·2
	Douglas ...	od$_o$F	oF	43	49	3	0·5	0·0	0·3

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~ Rough. ≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 8th April, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Moderate southwest or south winds; fair periods and local showers at first, perhaps of a thundery character, mainly fair later; rather mild.
5 S.W. England 6 South Wales ...	Moderate southwest or south winds; fair periods and local showers at first, perhaps of a thundery character and possibly some more general rain later; rather 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. 13 {A. W. Scotld. B.N.W.Scotland.} 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland 17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Moderate southwest or south winds; fair periods and local showers, perhaps of a thundery character; rather mild.

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

C&D.

GENERAL INFERENCE.

A depression south of Iceland is moving northnortheast and another one near the Azores is moving northeast. There will be showers which may be of a thundery character in places and fair periods with rather mild conditions.

FURTHER OUTLOOK.

Fair periods and local showers in the North but perhaps some more general rain in the South. Temperatures continuing rather high for the season.

Forecasts issued at

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.
Director.

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

Morning of

THURSDAY, 8TH APRIL.

1937.

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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 8th April, 1937.
No. 27531

OBSERVATIONS at 1 hr. G.M.T. 8th 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)	Cloud. Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1019·8	0	SW'S	4	bc	51	85	7	5	-	-	4-6	4-6	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1012·6	-2	WSW SSW	4	Z_o	50	92	6	5	-	-	10	10	450
	Manston ...	142	1011·5	+2	W	3	bc	50	92	7	5	-	-	4-6	4-6	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1009·3	+2	SSW	3	b	47	97	6	-	-	-	0	0	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1011·8	-6	WSW	5	o	49	92	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1013·2	+10	SW'S	5	c	50	97	7	5	-	-	9	9	1500
	Scilly (St. Mary's)	163	1012·4	+6	WSW	5	bc	50	97	6	5	-	-	2-3	2-3	1500
	Guernsey ..	175	1015·1	+4	W'S	5	o	51	97	6	5	-	-	10	10	2500
6	Pembroke ...	142	1007·2	+2	SW'W	6	q	49	92	6	5	-	-	9+	9+	2500
7	Holyhead ...	26	1004·2	+6	SW	4	ζ	48	97	7	5	2	-	4-6	9+	450
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1006·9	0	SSW	4	ir.	47	97	7	6	2	-	7-8	10	800
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1003·1	-6	S	2	ir.	50	92	6	-	2	-	10	10	1500
11	Inchkeith ...	190	1002·3	-6	SE	3	c	47	92	8	5	2	-	4-6	10	4000
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1001·9	0	W'S	4	pr.	51	92	8	4	-	-	7-8	7-8	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	998·3	-8	ESE	3	c/pr	47	85	8	5	7	-	7-8	9+	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1001·1	-12	SSE	4	rf.	42	97	2	-	-	-	10	10	<150
16	Lerwick ...	156	1005·7	-8	S	6	o	42	92	6	5	-	-	10	10	450
17	Blacksod Point	18	998·4	+10	S	4	bc	50	92	7	9	-	-	4-6	4-6	1500
18	Malin Head ...	83	997·7	+4	S	3	c/r	51	97	7	6	2	-	7-8	10	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1004·4	+6	WSW	6	o	51	97	7	5	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 8th 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)	Cloud. Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	1012·6	+8	SW	3	Z_o	52	85	6	5	-	-	9+	9+	1500	1	*
	Croydon ...	1012·5	+12	SW	4	c/pr	51	85	7	9	-	-	9+	9+	2500	1	*
	S. Farnborough	1012·7	+8	SW'W	4	c	51	85	7	5	-	-	9+	9+	4000	1	*
	Boscombe Down	1013·2	+12	SW	4	c	50	92	7	5	-	5	7-8	7-8	4000	1	*
	Calshot (Sthmtn.)	1013·7	+14	SW	3	Z_o	50	97	6	5	3	-	4-6	9	450	1	2
	Lympne ...	1013·7	+6	SW	4	Z_o	49	92	5	5	3	-	9	9	220	1	3
	Manston ...	1012·8	+8	SW	4	c	51	85	7	5	-	-	7-8	7-8	2500	1	*
2	Shoeburyness ...	1012·3	+8	SW'S	3	bc	51	85	6	5	-	-	2-3	2-3	2500	1	*
	Felixstowe ...	1011·7	+14	S'W	3	Z_o	50	92	6	5	3	-	4-6	7-8	4000	1	3
	Gorleston ...	1010·6	+10	SSW	4	c	50	92	6	5	3	-	4-6	7-8	2500	1	2
	Mildenhall ...	1010·3	+8	SW'S	4	c	52	85	8	-	7	-	0	9	-	1	*
	Cranwell ...	1008·5	+10	SW	4	bc	50	85	7	5	3	-	4-6	4-6	1500	1	*
3	Birmingham ...	1009·6	+10	SW	3	c	49 50	85	6	5	-	-	9	9	1500	1	*
	Upper Heyford	1011·6	+16	W'S	4	c	50	92	6	5	-	-	9	9	1500	1	*
4	Ross-on-Wye	1010·7	+10	SW'S	4	pr.	50	85	6	9	-	-	9+	9+	2500	1	*
5	Portland Bill ...	1014·0	+8	WSW	5	c	49	92	7	4	4	-	7-8	10	2500	1	4
	Plymouth ...	1014·0	+4	WSW	4	pr.	50	97	6	6	3	-	7-8	9+	800	1	2
	The Lizard ...	1014·4	+8	SW	5	c	50	97	7	8	6	-	9	10	1500	1	3
	Scilly (St. Mary's)	1014·0	+8	SW'W	5	c	51	97	6	5	4	-	4-6	7-8	1500	1	3
	Guernsey ..	1016·4	+8	WSW	3	o	51	97	6	5	-	-	10	10	2500	1	3
6	Pembroke ...	1008·8	+4	WSW	5	q	48	92	6	5	2	-	7-8	9+	4000	1	3
7	Holyhead ...	1005·8	+12	SW	4	c	48	92	7	5	8	-	4-6	7-8	4000	1	3
	Chester (Sealand)	1007·1	+14	SW'S	3	id.	51	85	7	5	-	-	9+	9+	1500	1	*
8	Manchester ...	1007·1	+10	SW	4	c/r	50	92	6	5	-	-	10	10	2500	1	*
10	Spurn Head ...	1007·3	+6	SW'S	4	c	48	97	7	5	2	-	4-6	9+	1500	1	3
	Catterick ...	1005·4	+8	SW'S	2	c	50	85	8	5	3	-	7-8	9+	2500	1	*
	Tynemouth ...	1003·9	+6	SW	2	c/pr	49	92	6	9	-	-	7-8	7-8	800	1	1
11	Inchkeith ...	1001·9	-2	S	2	c	47	92	8	5	-	-	9+	9+	4000	1	2
	Leuchars ...	1001·2	+2	-	0	id.	43	97	5	6	2	-	9	10	1500	1	*
12	Renfrew (Abbots I.)	1000·9	+10	SW	3	r.r.	49	92	6	5	2	-	2-3	10	1500	1	*
	Eskdalemuir ...	1003·0	+6	SSW	3	of	45	97	3	5	-	-	10	10	<150	1	*
	Point of Ayre ...	1003·7	+16	W'S	4	c	51	92	8	5	6	-	2-3	9	800	1	2
13A	Tiree	997·5	+4	SW'S	4	ir	47	92	6	-	2	-	10	10	1500	1	4
13B	Stornoway ...	997·8	0	SSE	4	c/pr	46	97	7	5	2	-	7-8	10	2500	1	2
15	Dalwhinnie ...		-2	S	3	iR	44	92	7	5	2	-	7-8	10	2500	1	*
	Aberdeen ...	1001·4	-2	S	2	cf-	43	97	3	5	7	-	2-3	10	<150	1	1
	Wick ...	1000·2	-6	SSE	3	F	42	97	1	-	-	-	10	10	<150	1	2
16	Lerwick ...	1003·9	-6	SSE	6	o	42	97	5	5	-	-	10	10	220	1	*
17	Blacksod Point	1000·4	+8	SW	5	DD	50	92	6	6	-	-	10	10	450	1	3
18	Malin Head ...	999·2	+10	SW	3	c/d	49	97	7	9	-	-	9	9	1500	0	1
	Aldergrove ...	1001·8	+6	SW'S	4	c/pr	49	92	8	5	3	-	9	9	800	1	*
19	Birr Castle ...	1004·5	+6	SW	2	c/pr	50	92	8	8	-	-	9+	9+	2500	1	*
20	Valentia Obsy. †	1007·8	+12	SW	5	c/r	50	92	7	6	7	-	7-8	9+	1500	1	3
	Roches Point	1008·7	+14	W	4	c	50	92	8	8	-	5	4-6	7-8	1500	1	4

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 7.15 Hrs. (36)
1	London (Kew)	56	50	47	2.	-	0·1
	Croydon ...	55	50	45	2.	0·1	0·3
	S. Farnborough	56	49	44	2.	Tr	0·8
	Boscombe Down	60	49	47	5.	1	2·9
	Calshot (Sthmtn.)	54	49	48	2.	-	0·4
	Lympne ...	54	47	45	2.	Tr	0·0
	Manston ...	57	49	45	0·4	-	0·2
2	Shoeburyness ...	54	48	40	1	Tr	0·2
	Felixstowe ...	53	48	45	05	0·1	0·2
	Gorleston ...	55	47	45	1.	-	0·0
	Mildenhall ...	57	49	46	1.	-	0·2
	Cranwell ...	58	46	40	3.	1	1·2
3	Birmingham ...	59	49	43	3.	1?	3·2
	Upper Heyford	60	48	45	7.	1	*
4	Ross-on-Wye	59	50	47	7.	0·6	3·0
5	Portland Bill ...	51	46	*	4.	-	*
	Plymouth ...	54	50	49	05.	0·1	1·7
	The Lizard ...	55	48	*	0·1.	Tr	*
	Scilly (St. Mary's)	55	50	*	-	Tr	4·3
	Guernsey ..	57	51	49	1.	0·3	2·7
6	Pembroke ...	61	47	*	3.	0·1	0·4
7	Holyhead ...	51	47	46	1.	1	0·4
	Chester (Sealand)	62	51	47	2.	0·2	4·4
8	Manchester ...	60	50	46	7.	2	2·1
10	Spurn Head ...	51	46	*	3.	1	0·0
	Catterick ...	53	48	46	5.	0·6	0·0
	Tynemouth ...	54	46	42	2.	0·3	0·0
11	Inchkeith ...	53	44	36	05	2	0·5
	Leuchars ...	55	38	29	1.	0·2	0·5
12	Renfrew (Abbots I.)	55	46 48	46	1.	1	0·6
	Eskdalemuir ...	51	44	44	5.	9	0·0
	Point of Ayre ...	58	48	*	-	1	3·1
13A	Tiree	52	46	45	06	3	4·3
13B	Stornoway ...	50	45	*	1.	1	1·7
15	Dalwhinnie ...						
	Aberdeen ...	48	40	37	1.	0·4	0·0
	Wick ...	44	39	37	1.	1	0·0
16	Lerwick ...	45	41	*	-	2	*
		44	41	*	1.	3	0·0
17	Blacksod Point	52	47	*	2.	4	*
18	Malin Head ...	61	47	*	Tr	1	4·2
	Aldergrove ...	62	48	45	1.	8	3·3
19	Birr Castle ...	61	49	47	2.	4	4·6
20	Valentia Obsy. †	55	50	48	2	3	0·0
	Roches Point	53	50	*	2.	0·3	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day mm.	Rainfall. Night mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	ccred	cprcm	cm.c	56	50	47	2	-	0·1	*	*	7
Croydon	217	oderdm	r.d.cm	d.bcc	55	50	45	2	0·1	0·3	*	*	8
Greenwich (Royal Observatory) ..	149	crc	drc	cbcdc	58	49	44	1	Tr	0·1	86	69	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	59	51	46			0·1	81	73	*
Regents Pk. (Botanic Gardens)‡ ...	168	*	*	*	56	51	47	2	-	0·1	80	83	*
Camden Square	110	cdp	cre	*	55	51	45	3	-	*	*	71	*
Kensington	80	ocp	cbc	*	56	51	45	2	-	0·2	81 18h.	76	*
Hampstead Observatory	459	cor	cor	c	54	47	43	2	0·2	0·1	*	79	*

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	1015·3	SW	2	r.r.	55	1018·5	WSW	3	c	54
Brussels	1012·1	SSW	5	r.r.	54	1015·0	SW'W	3	c/r	50
Berlin	1016·7	SSE	1	Z_o	55	1013·6	SSE	2	Z_o	48
Zürich	1020·0	SSE	2	c	54	1021·4	WSW	3	c/r	48
Rome										

Past 24 Hours.	Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris	61	52	11	1
Brussels	61	48	15	4
Berlin	61	46	-	-
Zürich	?	48	0·1	2
Rome	*	*		

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·3	18-20h. 7th	<0·3	0-5h. 8th

Kew Observatory. Max.	Time.	Min.	Time.
0·1	19h. 7th	<0·1	4-7h. 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	55–63
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. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 9th April, 1937.
No. 27532

OBSERVATIONS at 13h. G.M.T. 8th 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)	1013·6	+4	SW'W	4	c	59	65	8	6	-	8	9	9+	2500
	Croydon ...	1014·1	+6	SW'W	5	c	58	55	8	9	6	-	7-8	9+	2500
	S. Farnborough	1014·0	+2	SW'W	4	c/pr	58	65	7	5	3	1	7-8	9+	2500
	Boscombe Down	1014·5	+6	SW	4	c	55	75	8	6	-	-	9+	9+	1500
	Calshot (Sthmtn.)	1015·5	+2	SW	6	Z_o	54	86	6	8	7	-	7-8	9+	1500
	Lympne ...	1015·6	+10	SW	4	c	56	75	8	8	6	-	7-8	9+	2500
	Manston ...	1014·1	+6	SW	4	c	60	65	7	8	-	-	9+	9+	4000
2	Shoeburyness ...	1013·8	+2	W'S	3	c	59	65	8	8	-	-	9+	9+	4000
	Felixstowe ...	1013·5	+10	SW	4	c	57	65	7	5	3	-	7-8	9+	4000
	Gorleston ...	1011·8	+6	SW'S	3	c/pr	58	92	6	8	3	-	7-8	9	2500
	Mildenhall ...	1012·1	+6	WSW	4	c/pr	58	65	8	8	7	-	4-6	9+	2500
	Cranwell ...	1010·4	+10	SW'W	4	c	56	75	7	8	4	-	9	9+	2500
3	Birmingham ...	1011·6	+8	SSW	4	c/pr	54	76	8	9	7	-	7-8	9+	1500
	Upper Heyford	1013·3	+10	W'S	4	c	55	75	7	8	7	-	7-8	9+	1500
4	Ross-on-Wye	1011·6	+6	SW	3	o	54	75	7	6	-	-	10	10	2500
5	Portland Bill ...	1015·8	+10	SW	5	c	50	92	7	4	4	-	4-6	10	2500
	Plymouth ...	1015·7	+6	SW'W	4	Z_o	53	86	6	5	7	-	4-6	10	2500
	The Lizard ...	1016·1	+4	SW'S	4	c	53	97	6	5	2	-	9	10	1500
	Scilly (St.Mary's)	1015·4	+2	SW	4	Z_o	54	92	6	5	7	-	7-8	10	1500
	Guernsey ...	1016·1	+6	WSW	4	c	56	86	7	6	2	-	7-8	10	2500
6	Pembroke ...	1011·6	+10	WSW	5	q	50	92	6	5	-	-	9+	9+	4000
7	Holyhead ...	1006·2	+8	SW'S	5	c	53	86	7	5	6	-	2-3	7-8	4000
	Chester(Sealand)	1009·2	+6	SW'S	4	c	59	65	8	6	-	-	9+	9+	2500
8	Manchester ...	1009·1	+6	WSW	5	c	56	75	7	7	7	-	7-8	9+	2500
10	Spurn Head ...	1009·5	+6	WSW	4	c	57	75	7	5	7	9	2-3	7-8	2500
	Catterick ...	1007·5	+14	W'S	4	c/pr	58	75	8	8	9	3	4-6	7-8	2500
	Tynemouth ...	1005·8	+8	WSW	4	c	57	65	6	9	-	-	7-8	7-8	1500
11	Inchkeith ...	1003·2	+4	SW	3	c	50	86	8	8	-	-	9	9	2500
12	Leuchars ...	1003·1	+8	SW	2	ir$_o$	55	86	7	8	2	-	7-8	9+	2500
	Renfrew (Abbots I.)	1002·5	+2	SW	4	pr$_o$	54	86	6	8	-	-	9+	9+	1500
	Eskdalemuir ...	1004·6	+6	SW	5	c	49	86	6	6	7	-	9+	9+	450
	Point of Ayre...	1005·8	+14	W'S	4	pr$_o$	53	92	8	8	4	-	7-8	9	1500
13A	Tiree ...	1000·2	+16	SSW	4	c	49	97	6	5	2	-	2-3	10	450
13B	Stornoway ...	998·1	+4	S	5	c/r	47	97	5	5	-	-	10	10	1500
15	Dalwhinnie ...	1002·3	+10	SW	2	c	49	92	7	4	4	-	7-8	10	2500
	Aberdeen ...	1002·2	+4	SSW	3	pr$_o$	53	85	6	9	7	-	4-6	9+	1500
16	Wick ...	999·9	0	S	3	c/pr	46	97	6	5	9	1	4-6	9+	800
	Lerwick ...	1008·5	0	SSE	6	f	43	97	3	5	-	-	10	10	220
17	Blacksod Point	1004·2	+20	WSW	4	bc	53	85	7	4	-	4	2-3	4-6	800
18	Malin Head ...	1003·3	+16	SW	3	dd	50	97	6	6	-	-	10	10	800
	Aldergrove ...	1004·4	+14	SW	5	ir$_o$	51	97	7	6	7	-	7-8	9+	800
19	Birr Castle ...	1007·6	+12	SW	3	c/pr	53	85	8	8	7	-	7-8	9+	2500
20	Valentia Obsy. †	1009·9	+2	SW	5	c	54	85	7	8	-	-	9+	9+	1500
	Roches Point	1010·7	+4	WSW	4	c/pr	53	85	8	8	1	-	4-6	9	1500

OBSERVATIONS at 18h. G.M.T. 8th 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)
1014·5	0	SW	3	Z_o	56	75	6	9	-	8	4-6	9	1500	1	*
1014·3	+2	SW	3	c	55	75	6	5	7	8	2-3	9+	2500	1	*
1014·8	+6	SW	4	c	54	85	7	5	7	9	7-8	9+	2500	1	*
1015·0	+2	SW	3	c	53	85	7	5	7	-	4-6	9	2500	1	*
1015·8	-2	SW'S	4	Z_o	51	97	6	5	7	-	2-3	9	1500	1	s 3
1016·2	+2	SW'W	4	c	51	75	7	-	2	2	0	9+	-	1	s 3
1015·0	+4	SW	4	c	53	75	7	5	7	1	4-6	7-8	2500	1	*
1014·5	+4	SW'W	3	c	56	75	7	8	-	-	9+	9+	4000	1	*
1013·9	+6	SSW	3	c|jp	55	75	6	5	7	-	4-6	10	1500	1	2
1012·7	+2	SW'S	2	c	57	65	6	5	-	-	7-8	7-8	2500	1	2
1012·8	+6	WSW	3	bc	56	65	8	4	3	5	2-3	4-6	7200	1	*
1011·3	+6	SW'S	5	c	54	85	7	6	-	1	7-8	7-8	2500	1	*
1012·7	+6	WSW	3	c	53	65	8	5	-	-	7-8	7-8	2500	1	*
1014·3	+6	W	4	c	53	75	8	5	7	-	7-8	9	2500	1	*
1013·2	+6	SW	3	c	53	75	7	5	-	8	9	9+	2500	1	*
1015·4	-6	WSW	5	c	49	92	7	5	-	-	10	10	2500	1	4
1015·9	+2	SSW	3	Z_o	51	97	5	5	-	-	10	10	450	1	2
1015·6	-4	SSW	3	c|ft	51	97	2	5	-	-	10	10	450	1	3
1014·6	-4	SW'S	4	Z_o	52	92	6	5	-	-	10	10	1500	1	3
1017·5	-4	WNW	1	c	54	85	7	5	1	-	4-6	10	4000	1	3
1012·2	+2	SW'W	4	q	48	97	6	5	-	-	10	10	2500	1	3
1009·4	+6	SW	4	c	48	97	7	5	9	6	4-6	7-8	4000	1	3
1010·8	+10	SSW	4	c	55	65	8	6	-	-	9	9	2500	1	*
1010·6	+6	WSW	4	c	53	75	7	5	3	-	7-8	9+	1500	1	*
1010·2	+6	SW'W	4	c	53	85	7	5	7	9	4-6	7-8	1500	1	3
1008·6	+6	SW'W	3	s|pr	53	75	8	8	-	-	9+	9+	2500	1	*
1006·2	+4	W	3	c	55	65	6	9	-	-	7-8	7-8	1500	1	1
1003·4	0	SW	4	ir$_o$	49	92	7	5	-	-	9	9	1500	1	3
1003·8	+4	SW	3	c|jp	53	85	7	8	4	1	7-8	9+	1500	1	*
1003·3	+10	WSW	4	c|r	51	85	6	6	-	-	9+	9+	450	1	*
1003·6	+6	SW	3	ir	47	97	7	8	6	-	7-8	10	2500	1	*
1002·8	+6	S	2	dz|pr	84	75	6	4	4	-	7-8	10	2500	1	1
1000·3	+2	SSW	3	c	47	92	7	8	6	-	7-8	9	1500	1	2
1002·8	-4	S	5	c|f	43	97	3	5	-	-	10	10	220	1	*
1005·3		SW	4	c	51	85	7	9	-	-	10	10	800	1	3
1004·2	+18	WSW	3	c	51	92	7	8	-	-	9+	9+	2500	0	1
1006·1	+14	SW	3	c/pr	52	92	8	8	-	-	9	9	2500	1	*
1008·3	+4	SW	1	c/pr	54	75	8	9	2	-	7-8	10	1500	1	*
1009·3	-6	S'W	4	ir$_o$	52	92	6	6	-	-	10	10	800	1	3
1011·0	0	SW'W	4	c	50	97	7	6	1	-	4-6	10	800	1	4

PAST 24 HOURS.

Weather. 7h.—13h. 8th. (37)	Weather. 13h.—18h. 8th. (38)	Weather. 18h. 8th to 1h. 9th. (39)	Weather. 1h.—7h. 9th. (40)
cm$_o$c	cpr$_o$c	cm$_o$	c
c	cypr$_o$cz$_o$	cbcm$_o$c	cmm$_o$
ccpr$_o$	pr$_o$cc	cw	ccm$_o$
cpr$_o$c	cpr$_o$c	cbc	bcm$_o$
cid$_o$m$_o$	cm$_o$	cbcm$_o$	bcbwm$_o$
cm$_o$bcc	cz$_o$c	om$_o$f	FFcm$_o$
bcc	bcc	cbcm$_o$w	cm$_o$wm$_o$
bcz$_o$c	cp$_o$c	cbcw	bccm$_o$
bcm$_o$c	cpr$_o$	cbc	bcc
cpr$_o$	cpr$_o$c	bcb	cz$_o$
cbccpr$_o$c	cbc	c, b	b, cz$_o$
bccbc	cpr$_o$z$_o$	cbcb	bbccpr
bccpr$_o$	c	~~coir~~	~~coir~~
pr$_o$m$_o$c	c	c	c
cip$_o$c	cp$_o$c	c	c
c	c	oif	offc
cpr|dcm$_o$	cm$_o$o	omffom$_o$	cm$_o$c
cz$_o$	comff	ffcmo	omifc
cm$_o$	com$_o$	ofc	FFoff
oc	c	cbcw	bcwc
cqm$_o$	cqm$_o$o	oidffqm$_o$	cq
cpr$_o$	bccpr$_o$	cfr$_o$o	ofirc
cid$_o$c	cbcc	c	cm$_o$ir
cir$_o$m$_o$c	c	c	cr$_o$ir$_o$
c	cpr$_o$	bc	bcc
cqpr$_o$	bccpr$_o$	cpr$_o$c	c
cp$_o$c	c	bcc	ocp$_o$
cPR	cir$_o$	ir$_o$c	c
cm$_o$ir$_o$	cir$_o$c	cjpir$_o$	cm$_o$
cm$_o$ir$_o$	cm|ir$_o$r$_o$	pr$_o$em$_o$	cm$_o$ir$_o$
offr$_o$c	cirrm$_o$	or$_o$r$_o$	r$_o$cir
cpr$_o$	pr$_o$c	co	copr
ir$_o$m$_o$c	coimc	c	cr
r$_o$r$_o$m$_o$	cpr$_o$m$_o$	cir$_o$z$_o$	ir$_o$m$_o$c
cir	cir		cir
q|cpr$_o$	cpr$_o$z$_o$	bccz$_o$	cbcw
Fpr$_o$	c	cpr$_o$c	c
airff	offe	offe	cm$_o$
bc	bc	drf	iR
coidodm$_o$	omdc	cr	c
cir$_o$r$_o$	cr$_o$cpr$_o$	ccr$_o$	cr$_o$c
cpr	cpr	cprc	c
c	cir$_o$	ir$_o$r$_o$c	cir$_o$c
cpr$_o$c	cid$_o$c	cdrdr	offe

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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. ,, wet.
2 .. ,, flooded.
3 .. ,, frozen hard and dry.
4 .. ,, partly covered with snow or hail.
5 .. ,, covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 .. ,, covered with snow, less than 6 ins., but ground frozen.
9 .. ,, covered with snow greater than 6 ins. deep.

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

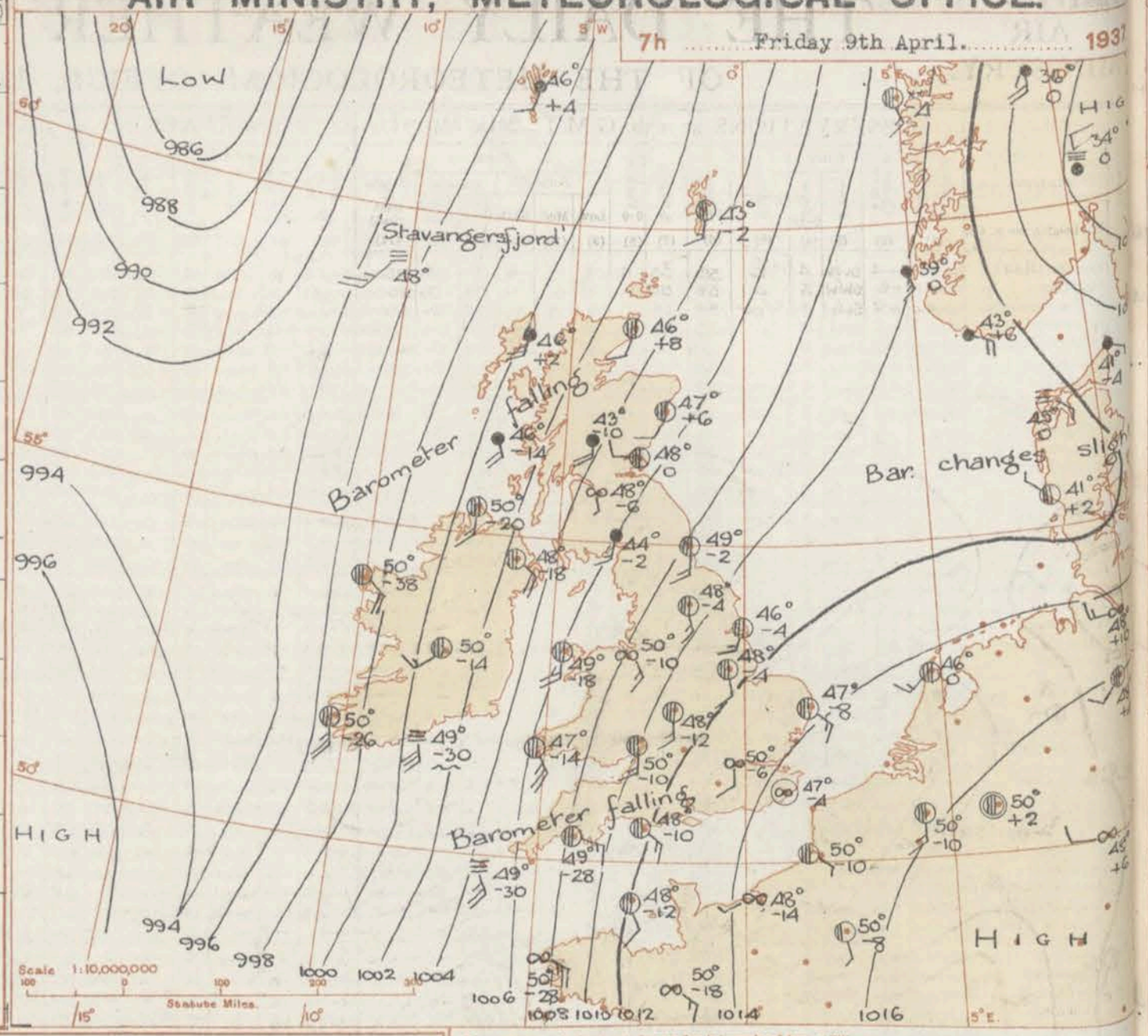
† Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 8th April 1937.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (F) Min. 9h. 7th to 9h. 8th	Temperature (F) Max. 9h.—17h. 8th	Rainfall (mm) Night. 17h. 7th to 9h. 8th	Rainfall (mm) Day. 9h.—17h. 8th	Sunshine (Hrs) Sunrise to 17h. 8th	Sunshine (Hrs) Sunrise to Sunset. 7th
1	Tunbridge W.	c	bcc	49	59	-	-	2·6	0·0
	Bournemouth	c	obco	48	57	-	-	1·6	1·5
	Ventnor ...	pbomc	com	47	52	Trace	-	0·8	0·0
	Southsea ...	c	cbc	49	57	0·2	-	0·7	1·0
	Bognor Regis	cbcpr	bcc	48	53	-	Trace	2·3	0·0
	Littlehampton	c	c	49	53	-	-	2·3	0·0
	Worthing ...	od.	bcc	48	54	-	Trace	1·9	0·0
	Brighton ...	c	bc	48	52	-	-	1·1	0·0
	Eastbourne† ...	o	ococ	49	54	0·1	-	0·4	0·0
	Hastings† ...	ooc	bcc	48	53	Trace	-	0·7	0·0
	Folkestone ...	bcb	bccoc	48	56	-	-	4·4	0·1
	Dover ...	b.	bcc	48	55	-	-	5·4	0·0
	Deal	ocbcc	cbcco	49	61	-	-	3·9	0·0
	Ramsgate ...	bc	bcc	51	59	-	-	2·7	0·2
	Margate ...	cbc	bcc	49	60	-	-	3·7	0·7
2	Southend ...	co	oco	48	57	Trace	-	2·1	0·2
	Maldon ...	bbc	bcco	49	61	-	-	3·6	0·1
	Clacton-on-Sea	bcc	c	47	58	0·4	-	3·9	0·2
	Dovercourt ...	bc	bco	48	60	-	-	3·7	0·2
	Lowestoft ...	cbcbc	c	47	61	0·3	-	2·4	0·0
	Skegness' ...	cbcb	p.bc	48	60	1	Trace	2·2	0·3
	Mablethorpe...	c	cbcc	48	60	0·5	-	3·8	0·0
	Cleethorpes ...	bcor.	or.bc	48	61	0·3	Trace		
3	Leamington S.	bcc	c	50	59	-	-	2·4	2·6
4	Cheltenham†	c	c	49	56	Trace	-	0·1	3·4
5	Bath	cbc	c	51	56	4	-	0·5	2·7
	Weymouth ...	mc	c	-	-	-	-	0·5	2·5
	Jersey ...	oc	c	49	54	0·4	-	0·0	3·0
	Torquay ...	bcc	co	51	58	-	-	2·0	2·4
	Penzance ...	c	c	51	57	-	-	0·2	4·9
	St. Ives ...	o	o	51	57	-	-	0·4	5·3
	Bude... ...	cbc	c	49	54	1	-	1·5	2·0
	Ilfracombe ...	pcbcc	bcc	50	56	1	-	4·0	0·0
6	Aberystwyth	cbcc	bcc	48	52	1	-	4·2	1·4
7	Llandudno ...	p.cc	bccbc	49	56	2	Trace	3·2	3·3
	Colwyn Bay...	bcb.c	bcbcb	50	60	1	-	4·7	4·7
	Rhyl	cbc	cbc	49	61	0·3	-	3·3	4·2
8	Wallasey ...	pcbc	cbcc	49	58	Trace	-	1·3	3·3
	Southport ...	bcp.c	cbcc	48	57	1	Trace	3·3	3·4
	Blackpool ...	oc	c	47	54	1	-	2·6	3·4
	Morecambe ...	ccdbc	cbbcc	46	53	2	Trace	1·0	3·0
9	Ilkley... ...	cpc	pc	48	56	2	2	1·0	0·0
	Harrogate ...	cbcp	cP	49	56	1	6	1·0	0·2
10	Berwick-on-T.	c	cbcc	44	57	0·6	-	3·5	0·1
11	Dunbar ...	bcpr.	bcpr.	45	58	0·5	1	1·8	0·0
12	Troon... ...	rocbc	cpcrc	44	49	2	2	0·8	1·8
	Douglas ...	bcr.	bcq	45	57	4	Trace	5·8	0·0

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



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 9th April, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Freshening southerly or southeasterly winds; mainly cloudy, dull at times with periods of rain or drizzle; coastal fog in places; mild.
4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Fresh southerly winds, strong at times; mainly cloudy, dull at times with periods of rain or drizzle; coastal fog; mild.
10 N.E. England 11 S.E. Scotland	As 1 - 3.
12 S.W. Scotland & Isle of Man.	Fresh southerly winds, strong at times, veering west or northwest and moderating later; cloudy with periods of rain but becoming fairer later; coastal fog at first; rather mild.
13 A. W. Scotld. B.N.W.Scotland.	
14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Fresh southerly winds, strong at times; mainly cloudy, occasional rain; rather mild.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	As 12 - 13A.

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

Barometer. Isobars are drawn for intervals of two millibars.
Wind, Weather Symbols. For explanation see opposite page.
Sea Disturbance. ~ Rough. ≈ High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A deep depression south of Iceland is almost stationary and a secondary west of Ireland is movin north-northeast. There will be periods of rain i most districts and it will be mild with coastal fo particularly in the South and West. Fairer conditions will spread slowly from the West later.

FURTHER OUTLOOK.

Probably mild with occasional drizzle in the East, fairer but cooler conditions spreading slowly from the West.

Forecasts issued at 1020 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.
Director.

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

Morning of

FRIDAY
9TH APRIL.

1937.

Clarke's Projection Scale 1: 4 x 10⁷ along meridian at 58° 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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 9th April, 1937.
No. 27532

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	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1014·2	-12	S'W	3	c	49	92	7	-	3	-	0	3	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1016·0	-10	SSE	2	F	47	85 97	1	-	-	-	10	10	<150
	Manston ...	142	1015·2	-6	SW	2	z_o	46	97	6	5	-	-	10	10	7200
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1013·7	+4	S'W	2	b	47	92	7	-	-	-	0	0	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1015·0	-6	WSW	4	if	48	92	3	5	-	-	10	10	800
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1012·7	-10	S'E	3	o	47	92	6	5	-	-	10	10	2500
	Scilly (St. Mary's)	163	1010·6	-20	S'E	4	f	50	97	2	-	-	-	10	10	<150
	Guernsey ..	175	1015·9	-6	SSW	2	bc	50	92	8	8	-	-	4·6	4·6	2500
6	Pembroke ...	142	1011·2	-6	SSW	4	q	48	97	4	5	-	-	10	10	1500
7	Holyhead ...	26	1009·9	+2	SSW	3	f	47	97	3	-	-	-	10	10	<150
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1011·5	+6	SSW	3	bc	48	92	7	5	1	-	2·3	4·6	4000
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1008·8	+6	W	2	c	49	85	6	5	-	-	7·8	7·8	1500
11	Inchkeith ...	190	1006·7	+8	SW	1	c	47	92	8	5	-	-	9	9	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1008·5	+4	SWW	3	o	52	85	8	5	-	-	10	10	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1006	+3	SSW	4	ir.	47	97	6	5	7	-	7·8	9	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1001·7	+2	SSW	3	c	45	97	8	8	7	-	4·6	7·8	1500
16	Lerwick ...	156	1003·2	0	S	5	of	43	97	3	5	-	-	10	10	220
17	Blacksod Point	18	1002·8	-20	S	3	Dr	48	82	3	6	-	-	10	10	5700
18	Malin Head ...	84	1004·3	-6	S	3	c/r	49	97	6	6	2	-	9+	10	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1002·5	-26	SSW	3	DD	50	97	6	5	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 9th 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)
1012·8	-6	SSE	2	c	51	92	7	5	7	-	4·6	9+	2500	1	*
1012·6	-6	S	2	z_o	50	92	7	5	3	6	7·8	9+	1500	1	*
1012·5	-12	SSE	2	c	49	92	6	5	-	-	10	10	800	1	*
1011·9	-14	S	3	z_o	48	97	6	5	-	-	10	10	450	1	*
1012·5	-16	SE'E	2	z_o	48	97	6	8	7	-	4·6	9+	1500	1	§
1014·6	-4	-	0	z_o	47	97	6	5	7	8	1	9+	4000	1	*
1013·8	-2	SE	2	z_o	49	97	6	5	7	-	7·8	9+	4000	1	*
1013·9	-2	SSW	2	c	50	92	6	5	-	-	9+	9+	5700	1	*
1013·9	-2	S'E	3	z_o	48	97	6	5	-	-	10	10	800	1	2
1012·6	-8	SE'S	3	c	47	97	5	-	7	-	0	9	-	1	2
1012·3	-6	S'W	3	z_o	50	92	6	5	7	-	4·6	10	1500	1	*
1011·0	-4	S'E	2	c/pr	48	97	7	5	7	-	4·6	10	1500	1	*
1010·4	-12	S	3	c	48	97	6	6	-	-	10	10	1500	1	*
1012·2	-8	S'W	3	c	49	92	7	5	-	-	10	10	1500	1	*
1010·2	-10	S	3	c	50	85	7	6	1	-	7·8	10	2500	1	*
1011·0	-10	SE	3	c	48	85	7	4	4	-	4·6	10	2500	1	3
1008·5	-28	ESE	3	c	49	97	7	5	3	9	4·6	9	1500	1	2
1006·7	-36	SE	5	c	49	97	7	5	2	-	9	10	2500	1	3
1004·6	-30	SSE	5	f	49	97	3	-	-	-	10	10	<150	1	3
1012·4	-12	SSE	2	c	48	97	7	8	1	-	4·6	7·8	2500	1	2
1005·9	-14	SE'S	5	q	47	97	7	8	2	-	7·8	9+	2500	1	3
1006·2	-18	S	4	c/r	49	92	7	6	2	-	4·6	10	1500	1	3
1008·8	-10	SE	3	z_o	50	92	6	5	2	-	4·6	10	4000	1	*
1009·4	-2	S	3	c/r	49	92	6	6	2	-	4·6	10	1500	1	*
1010·9	-4	S'W	3	c	46	92	6	-	2	-	0	10	-	0	2
1008·9	-4	S'E	3	c	48	85	7	-	9	-	0	9+	-	1	*
1008·0	-2	S	3	c/pr	49	85	6	5	-	-	9+	9+	2500	1	0
1005·9	-4	SW	1	c	48	85	8	5	-	-	9+	9+	2500	0	1
1005·5	0	W	2	c	48	92	7	-	7	-	0	9+	-	1	*
1005·0	-6	SSE	1	z_o	48	92	6	5	7	-	4·6	10	1500	1	*
1007·1	-2	S'W	3	ir	44	97	6	-	2	-	10	10	<150	1	*
1008·7	-18	S'W	5	pr.	48	97	7	8	-	-	10	10	450	1	3
1001·1	-14	SSE	4	rr	46	97	6	-	2	-	10	10	1500	1	3
1000·5	+2	SSW	5	ir.	46	97	5	5	2	-	7·8	10	1500	1	3
1005·0	-10	S	4	ir.	43	92	7	5	6	-	7·8	10	2500	1	*
1005·1	+6	SSW	2	c	47	85	8	5	7	9	Tr	7·8	2500	1	1
1002·8	+8	SSW	2	c	46	92	8	5	7	-	4·6	10	1500	1	2
1003·1	-2	SSW	3	c	43	92	6	8	7	-	7·8	9+	800	1	*
999·6	-38	SE	4	c	50	92	8	9	-	-	10	10	1500	1	3
1000·4	-20	S	3	c	50	97	7	6	2	-	7·8	9+	800	1	1
1002·7	-18	SE'S	4	c	48	97	8	5	7	-	1	9+	450	1	*
1000·9	-14	SW	3	c	50	92	8	6	7	-	4·6	9+	2500	1	*
997·0	-26	S'E	5	c	50	92	8	5	-	-	9+	9+	1500	1	3
1000·1	-30	S'E	6	of	49	97	2	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)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 8th Hrs. (36)
1	London (Kew)	55	49	45	Tr	-	0·7
	Croydon ...	55	48	45	Tr	-	0·9
	S. Farnborough	58	47	41	Tr	-	1·1
	Boscombe Down	57	47	45	Tr	-	0·9
	Calshot (Sthmtn.)	56	47	47	Tr	-	1·0
	Lympne ...	58	45	38	-	-	3·2
	Manston ...	61	45	41	-	-	3·5
2	Shoeburyness ...	60	47	41	Tr	-	2·3
	Felixstowe ...	59	46	44	Tr	-	3·3
	Gorleston ...	59	45	43	0·1	-	2·4
	Mildenhall ...	55	48	45	Tr	-	2·3
	Cranwell ...	60	45	41	Tr	0·1	4·3
3	Birmingham ...	57	47	46	Tr	6	2·2
	Upper Heyford	57	47	44	Tr	-	*
4	Ross-on-Wye	55	48	46	Tr	-	0·0
5	Portland Bill ...	51	46	*	-	-	*
	Plymouth ...	53	48	47	Tr	-	0·5
	The Lizard ...	54	(47)	*	-	-	*
	Scilly (St. Mary's)	55	49	*	-	Tr	0·8
	Guernsey ..	56	48	44	-	-	0·4
6	Pembroke ...	51	46	*	-	0·1	2·4
7	Holyhead ...	54	46	46	0·2	2	2·1
	Chester(Sealand)	55	48	46	Tr	1	3·6
8	Manchester ...	59	43	43	0·2	1	1·5
10	Spurn Head ...	59	45	*	2	Tr	3·6
	Catterick ...	58	48	45	0·2	0·4	3·8
	Tynemouth ...	59	47	43	0·2	Tr	2·8
11	Inchkeith ...	53	45	42	1	0·1	1·3
	Leuchars ...	58	44	40	1	Tr	1·6
12	Renfrew (Abbots L.)	55	46	44	1	0·4	0·8
	Eskdalemuir ...	50	43	43	3	2	0·0
	Point of Ayre...	61	45	*	F	0·4	3·8
13A	Tiree	51	45	45	0·2	2	0·0
13B	Stornoway ...	51	46	*	1	0·4	0·1
15	Dalwhinnie ...	53	40	37	2	1	2·6
	Aberdeen ...	56	44	38	1	-	0·6
	Wick ...	49	43	*	Tr	0·1	*
16	Lerwick ...	43	41	*	1	-	0·0
17	Blacksod Point	53	45	*	0·5	4	*
18	Malin Head ...	51	48	*	1	Tr	0·6
	Aldergrove ...	57	48	46	1	1	0·9
19	Birr Castle ...	55	49	46	2	0·4	0·3
20	Valentia Obsy. †	55	50	49	0·3	2	0·7
	Roches Point	53	49	*	0·1	2	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day mm.	Rainfall. Night mm.	Sunshine to Sunset hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility 9h.
KEW	18	$cm_o c$	$cpr_o c$	cm_o	59	49	45	Tr	-	0·7	*	*	6
CROYDON	217	c	$cpr_o cz_o$	$cbcm_o c$	59	48	45	Tr	-	0·9	*	*	6
GREENWICH (Royal Observatory)	149	c	$r_o c$	cbc	61	47	39	Tr	-	0·7	73	86	6
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	1·3	*	*	*
WESTMINSTER (St. James' Park)	27	*	*	*	59	50	45	-	-	0·7	72	85	*
REGENTS PK (Botanic Gardens)†	168	*	*	*	59	49	46	Tr	-	1·0	75	89	*
CAMDEN SQUARE	110	c	ccpc	*	59	50	44	Tr	-	*	*	83	*
KENSINGTON	80	c	bcpc	*	?	49	43	Tr	-	0·4	At 18h. 72	88	*
HAMPSTEAD OBSERVATORY	440	cp	cp	o	?	46	40	Tr	-	0·5	*	?	*

FOREIGN OBSERVATIONS.

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

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
PARIS	1018·5	W	3	c	59
BRUSSELS	1016·9	W	4	c	54
BERLIN	1014·4	W	1	z_o	52
ZÜRICH	1021·0	WNW	1	bc	55
ROME	1018·0	WSW	1	c	59

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

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1015·9	SSE	1	bc	50
1015·5	S	3	c	50
1015·7	W	2	z_o	50
1019·6	ESE	1	bc	43
1018·7	ENE	2	dd	54

Past 24 Hours.

Stations	Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
PARIS	63	46	Tr	-
BRUSSELS	59	45	0·3	-
BERLIN	54	46	2	0·1
ZÜRICH	63	41	-	-
ROME	*	*	-	-

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·3	17–20 h. 8th.	<0·3	1–4h. 9th.

Kew Observatory. Max.	Time.	Min.	Time.
0·2	21h. 8th	<0·1	0–8h. 9th.

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. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 10th April, 1937.

No. 27535

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. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1008·4	-24	SSE	4	c	60	65	8	1	7	7	Tr	9+	2500
	Croydon ...	1008·3	-22	S	4	c	64	65	7	1	9	-	2-3	9	2500
	S. Farnborough	1007·9	-24	SE	4	c	60	66	7	1	7	7	1	9+	2500
	Boscombe Down	1007·0	-30	SE	4	c	56	75	7	7	1	-	2-3	10	1500
	Calshot (Sthmtn.)	1008·2	-26	ESE	5	Z_o	51	92	6	8	7	8	2-3	9+	2500
	Lympne ...	1011·6	-18	SSE	3	c	58	75	7	2	3	9	1	7-8	4000
	Manston ...	1010·7	-16	SSE	4	c	60	66	7	6	3	-	7-8	9+	1500
2	Shoeburyness ...	1010·3	-24	S	3	c	56	75	8	2	7	-	1	9+	2500
	Felixstowe ...	1010·8	-22	SSE	3	c	53	85	7	-	3	2	0	7-8	-
	Gorleston ...	1011·3	-16	SE'S	4	c	52	92	6	5	-	-	9	9	4000
	Mildenhall ...	1009·2	-22	S'E	4	c	60	65	8	8	7	1	4-6	7-8	2500
	Cranwell ...	1007·9	-22	SSE	3	c	59	65	7	7	3	9	4-6	9+	2500
3	Birmingham ...	1006·4	-18	S	4	c	57	65	8	1	7	-	2-3	7-8	2500
	Upper Heyford	1007·7	-30	S'E	3	c	57	65	7	5	7	4	2-3	9	1500
4	Ross-on-Wye	1005·7	-30	SSE	3	c	56	66	8	5	7	-	1	10	2500
5	Portland Bill ...	1006·0	-30	ESE	4	c	49	92	7	4	2	-	7-8	10	2500
	Plymouth ...	1003·1	-38	ESE	3	ir_o	53	85	7	6	7	-	2-3	10	800
	The Lizard ...	1002·2	-22	SE'E	5	r_or_o	51	92	7	5	6	-	9	10	1500
	Scilly (St. Mary's)	998·4	-32	SSE	5	ir_o	52	92	6	5	-	-	10	10	1800
	Guernsey ...	1006·1	-26	SSE	3	c	58	75	7	8	3	-	4-6	9	2500
6	Pembroke ...	999·3	-18	SE'E	7	c_r	51	75	7	5	6	-	7-8	10	2500
7	Holyhead ...	1001·0	-34	SSE	4	c	56	75	9	8	7	-	2-3	10	4000
	Chester (Sealand)	1004·0	-26	SE	5	c	60	83	7	5	7	-	7-8	9+	4000
8	Manchester ...	1005·0	-30	SE'S	4	Z_o	61	56	6	-	7	-	0	7-8	-
10	Spurn Head ...	1008·1	-10	ESE	2	c	51	86	7	5	6	-	4-6	7-8	2500
	Catterick ...	1005·4	-22	SE'S	4	Z_o	55	75	6	-	9	-	0	7-8	-
	Tynemouth ...	1006·0	-8	S	4	c/pr	55	75	6	9	-	-	9+	9+	1500
11	Inchkeith ...	1004·7	-8	S	1	c	51	76	8	8	-	-	9+	9+	2500
	Leuchars ...	1004·0	-10	E	3	c	52	86	7	5	7	-	7-8	9+	2500
12	Renfrew (Abbots L.)	1002·1	-14	SSE	4	c	54	75	7	5	7	-	7-8	10	1500
	Eskdalemuir ...	1003·0	-20	S'E	4	c	53	75	7	5	7	-	7-8	10	1500
	Point of Ayre ...	1002·2	-14	SSE	4	c	48	92	7	8	7	-	1	10	800
13A	Tiree	996·6	-22	SE'S	6	ir	47	97	6	-	2	-	10	10	220
13B	Stornoway ...	998·8	-14	SE	4	r_or_o	47	92	7	5	2	-	4-6	10	1500
15	Dalwhinnie ...	1001·8	-16	SSE	5	ir	47	85	6	4	2	-	2-3	10	2500
	Aberdeen ...	1004·7	-8	S	5	c	50	86	7	5	5	-	7-8	10	4000
	Wick ...	1001·6	-8	S	3	c	48	86	8	5	7	-	7-8	10	1500
16	Lerwick ...	1003·0	-6	SSW	3	c	46	92	8	8	7	-	4-6	7-8	800
17	Blacksod Point	1002·7	-24	SE	4	c	56	75	8	9	-	-	7-8	7-8	1500
18	Malin Head ...	995·9	-20	SSE	3	c/r	53	92	7	5	1	-	7-8	9+	1500
	Aldergrove ...	998·7	-22	SSE	5	c	51	97	7	8	-	-	10	10	450
19	Birr Castle ...	995·3	-26	SE	3	c/r	52	85	6	5	-	-	10	10	2500
20	Valentia Obsy. †	992·0	-26	S'E	5	c/r	53	92	7	5	-	-	10	10	800
	Roches Point	994·0	-26	S	5	dr	50	92	6	5	2	-	7-8	10	800

OBSERVATIONS at 18h. 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. (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)	1003·9	-24	SE'E	3	Z_o	59	75	6	5	7	-	4-6	9+	4000	1	*
	Croydon ...	1003·3	-32	SE'S	3	c	58	75	6	5	7	-	2-3	9+	5700	1	*
	S. Farnborough	1002·6	-34	SE	4	Z_o	58	75	6	5	7	8	4-6	9+	5700	1	*
	Boscombe Down	1002·1	-30	SE	5	r_or_o	54	85	6	6	2	-	Tr	10	2500	1	
	Calshot (Sthmtn.)	1003·2	-32	ESE	4	c/pr	51	92	6	5	7	-	7-8	10	2500	1	3
	Lympne ...	1006·1	-28	ESE	4	c	56	75	7	-	7	6	0	9+	-	0	1
	Manston ...	1005·6	-24	SSE	5	c	56	75	7	-	7	-	0	9+	-	1	*
2	Shoeburyness ...	1005·4	-28	ESE	3	c	53	85	7	-	7	-	0	9+	-	1	*
	Felixstowe ...	1006·7	-24	ESE	3	c	50	92	6	5	7	-	4-6	10	2500	0	2
	Gorleston ...	1007·3	-24	SSE	3	c	47	92	6	5	7	-	4-6	10	4000	1	2
	Mildenhall ...	1004·5	-24	SE	5	c	57	75	8	5	7	-	Tr	10	5700	1	*
	Cranwell ...	1003·8	-30	SE	4	c	57	75	7	5	7	-	4-6	10	7200	1	*
3	Birmingham ...	1001·8	-26	SSE	3	c	58	65	8	-	2	-	0	10	4000	1	*
	Upper Heyford	1003·0	-14	SE	4	ir_o	55	75	7	5	7	-	7-8	10	4000	1	*
4	Ross-on-Wye	1000·3	-30	SE	4	ir_o	53	85	7	6	2	-	4-6	10	2500	1	*
5	Portland Bill ...	999·9	-40	SE	4	rr	50	92	7	5	-	-	10	10	1500	1	3
	Plymouth ...	998·3	-22	SSE	4	r_or_o	62	97	6	6	2	-	7-8	10	800	1	2
	The Lizard ...	998·9	-36	SE'S	5	r_or_o	60	97	4	5	-	-	10	10	800	1	3
	Scilly (St. Mary's)	997·4	-34	S'E	6	c/r	51	97	6	5	-	-	10	10	800	1	4
	Guernsey ...	1001·4	-20	S'W	3	id	57	75	7	8	1	-	4-6	10	2500	1	3
6	Pembroke ...	998·7	-26	SE'S	6	ir_o	49	92	7	5	2	-	7-8	10	2500	1	4
7	Holyhead ...	998·6	-34	SSE	5	ir_o	56	75	8	6	2	-	2-3	10	2500	1	2
	Chester (Sealand)	999·3	-30	ESE	4	ir_o	54	85	6	6	2	-	7-8	10	1500	1	*
8	Manchester ...	1000·6	-22	SE'S	4	ir_o	57	55	6	6	2	-	2-3	10	2500	1	*
10	Spurn Head ...	1003·6	-22	SE	4	c	47	92	7	5	2	-	4-6	10	2500	0	3
	Catterick ...	1001·1	-20	SSE	3	Z_o	55	75	6	5	7	-	1	10	2500	1	*
	Tynemouth ...	1002·4	-16	SSE	3	c	48	85	6	5	-	-	7-8	7-8	1500	1	1
11	Inchkeith ...	999·7	-22	E	3	c	51	86	6	5	-	-	10	10	1500	0	2
	Leuchars ...	999·7	-28	ENE	2	Z_o	50	85	6	-	7	-	0	9	-	1	*
12	Renfrew (Abbots L.)	997·9	-24	SE'E	2	Z_o	56	75	6	5	2	-	4-6	10	2500	1	*
	Eskdalemuir ...	998·3	-24	SSE	4	c	54	75	6	5	7	-	Tr	10	1500	1	*
	Point of Ayre ...	995·3	-24	S'W	4	r_or_o	49	92	7	5	-	-	10	10	800	1	2
13A	Tiree	992·8	-26	SE'S	6	rr	48	97	5	-	2	-	10	10	450	1	4
13B	Stornoway ...	994·5	-20	SSE	5	r_or_o	47	97	8	5	2	-	7-8	10	1500	1	3
15	Dalwhinnie ...	998·2	-24	SE	5	c	48	92	7	4	2	-	2-3	10	2500	1	*
	Aberdeen ...	1001·5	-14	ENE	2	c	47	85	5	5	7	-	7-8	9+	1500	1	2
	Wick ...	998·3	-22	SSE	4	c	46	92	7	5	2	-	7-8	10	800	1	3
16	Lerwick ...	1001·8	-8	S	5	c/pr	45	92	7	9	2	-	9	10	800	1	*
17	Blacksod Point	999·4	-10	S	3	Dr	50	92	6	6	-	-	10	10	450	1	3
18	Malin Head ...	999·5	-40	SSE	5	c/r	51	92	7	9	1	-	7-8	9+	1500	0	1
	Aldergrove ...	998·6	-32	SE'S	4	rr	49	97	7	6	2	-	7-8	10	800	1	*
19	Birr Castle ...	999·7	-28	S	1	rr	50	97	7	6	2	-	4-6	10	1500	1	*
20	Valentia Obsy. †	999·6	-6	NNW	5	id	48	97	6	5	-	-	10	10	220	1	3
	Roches Point	998·4	-36	SE	4	dr	49	97	4	5	-	-	10	10	220	1	4

PAST 24 HOURS.

District	Stations	Weather. 7h.–13h. 9th. (37)	Weather. 13h.–18h. 9th. (38)	Weather. 18h. 9th. to 1h. 10th. (39)	Weather. 1h.–7h. 10th. (40)
1	London (Kew)	c	c	c	crrm$_o$
	Croydon ...	cm$_o$c	c	cm$_o$ir$_o$b	cr$_o$rr
	S. Farnborough	cm$_o$bcc	ccz$_o$	cz$_o$ir	r$_o$rrr$_o$
	Boscombe Down	om$_o$bcc	ccpr$_o$r$_o$r$_o$		cr$_o$rrm$_o$
	Calshot (Sthmtn.)	cm$_o$c	cm$_o$cpr$_o$	cr$_o$rr	crrm$_o$
	Lympne ...	cm$_o$c	c	c	corrm$_o$
	Manston ...	cm$_o$c	cbcc	cbcc	coRrrm$_o$
2	Shoeburyness ...	cm$_o$c	c	c	m$_o$rrc
	Felixstowe ...	cm$_o$bc	bccm$_o$	cm$_o$	cm$_o$RR
	Gorleston ...	cz$_o$	cz$_o$	cq	coir$_o$
	Mildenhall ...	cz$_o$c	c	c	cr$_o$crr
	Cranwell ...	cpr$_o$c	ccz$_o$	c	cr$_o$r$_o$rr
3	Birmingham ...	cbcc	cir$_o$	cir$_o$	cir$_o$
	Upper Heyford	cm$_o$c	cir$_o$	cir$_o$m$_o$	r$_o$rirm$_o$
4	Ross-on-Wye	c	ccr$_o$	cor$_o$o	om$_o$or$_o$
5	Portland Bill ...	c	orr	opr$_o$	odd
	Plymouth ...	cir$_o$	cir$_o$r$_o$m$_o$	cr$_o$rirm$_o$	cirdddff
	The Lizard ...	cprrc	orrm	r$_o$rrmc	r$_o$ffc
	Scilly (St. Mary's)	cp$_o$oir	irirmo	oidc	cp$_o$
	Guernsey ...	c	cid$_o$	corrr$_o$	or$_o$c
6	Pembroke ...	cqm$_o$c	cqmcir$_o$c	cqir$_o$m$_o$c	cqfebccw
7	Holyhead ...	c	pr$_o$ir$_o$c	ir$_o$d$_o$c	c
	Chester (Sealand)	cm$_o$ir$_o$c	cir$_o$	cm$_o$r$_o$ir$_o$	cir$_o$c
8	Manchester ...	cr$_o$r$_o$cz$_o$	cycz$_o$	cir$_o$r$_o$r$_o$	c
10	Spurn Head ...	c	cbcc	cir$_o$	qpr$_o$
	Catterick ...	cr$_o$m$_o$z$_o$	cz$_o$	cm$_o$r$_o$r$_o$	cm$_o$rm$_o$
	Tynemouth ...	cp$_o$	c	oir$_o$	op$_o$
11	Inchkeith ...	c	c	co	oc
	Leuchars ...	cm$_o$c	ccm$_o$	cm$_o$r$_o$rr	cm$_o$rr$_o$
12	Renfrew (Abbots L.)	cm$_o$ir$_o$c	cz$_o$pr$_o$	pr$_o$cm$_o$r$_o$	cm$_o$r$_o$q
	Eskdalemuir ...	crm$_o$c	ccm$_o$	r$_o$r$_o$rr	orra
	Point of Ayre ...	o	or$_o$r	r$_o$rrr$_o$	oDd
13A	Tiree	rdoir	orro	orr	oirR
13B	Stornoway ...	ir$_o$r$_o$r$_o$c	r$_o$r$_o$c	rr$_o$c	rr$_o$cfc
15	Dalwhinnie ...	cir	cir	*	cir
	Aberdeen ...	cr$_o$c	cz$_o$g	cz$_o$or	orir$_o$
	Wick ...	c	cpr$_o$	epr$_o$m$_o$	orrm$_o$
16	Lerwick ...	idpr$_o$	cpr$_o$	ir$_o$m$_o$	copr$_o$m$_o$
17	Blacksod Point	c	dr	idr	prc
18	Malin Head ...	cir$_o$c	cir	crrr$_o$r$_o$c	cR
	Aldergrove ...	c	cRr$_o$rr	crr	crir$_o$c
19	Birr Castle ...	cir$_o$	ir$_o$rr	crr	crrc
20	Valentia Obsy. †	cir$_o$c	ididid	oidir$_o$c	pr$_o$ir$_o$c
	Roches Point	ffeidr	dfdfdrdr	dfdrRrc	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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. ,, wet.
2 .. ,, flooded.
3 .. ,, frozen hard and dry.
4 .. ,, partly covered with snow or hail.
5 .. ,, covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 .. ,, covered with snow, less than 6 ins., but ground frozen.
9 .. ,, covered with snow greater than 6 ins. deep.

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

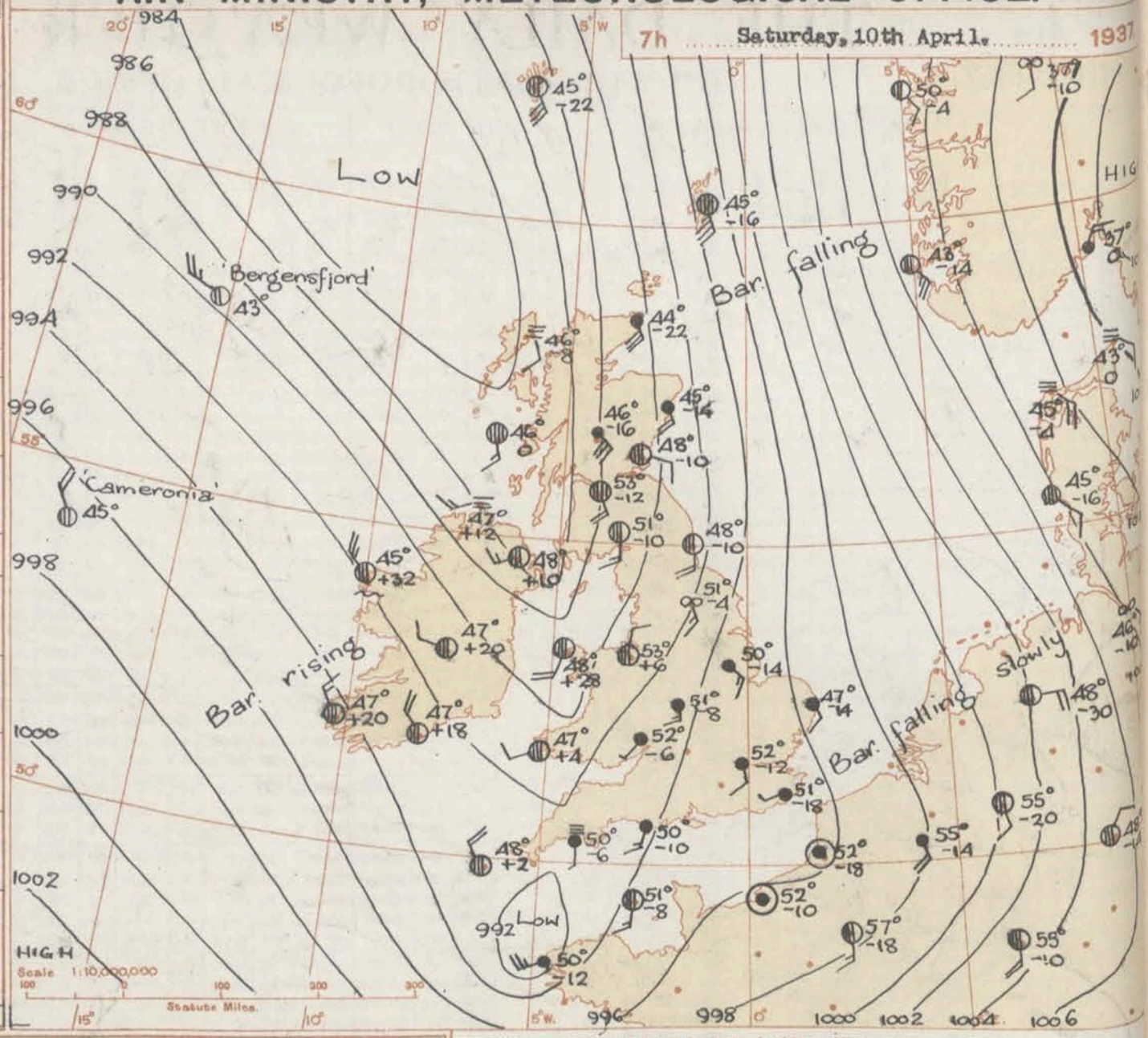
† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 9th April 1937.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (F). Min. 9h. 8th to 9h. 9th.	Temperature (F). Max. 9h.—17h. 9th.	Rainfall (mm). Night. 17h. 8th to 9h. 9th.	Rainfall (mm). Day. 9h.—17h. 9th.	Sunshine (Hrs). Sunrise to 17h. 9th.	Sunrise to Sunset. 8th.
1	Tunbridge W.	ococ	coco	47	62	-	-	1·8	2·6
	Bournemouth	cbcc	oco	47	56	-	-	1·1	1·6
	Ventnor ...	pmbc	obccv	47	55	Trace	Trace	1·9	0·8
	Southsea ...	cbc	cc	48	57	-	-	1·5	0·7
	Bognor Regis	bcbc	bcbc	47	53	-	-	2·3	2·3
	Littlehampton	cbc	bcc	48	56	-	-	2·8	2·3
	Worthing ...	bc	bccbc	47	55	-	-	3·2	1·9
	Brighton ...	bcb	cbc	47	59	-	-	3·6	1·1
	Eastbourne† ...	oc	coc	47	55	-	-	2·2	0·4
	Hastings† ...	ocbc	cbcbc	47	57	-	-	2·0	0·7
	Folkestone ...	ocbcb	bcc	47	59	-	-	25	4·4
	Dover ...	bc	bcc	47	59	-	-	3·6	5·4
	Deal	ccbc	bcco	48	62	-	-	2·9	3·9
	Ramsgate ...	cbc	bcc	48	56	-	-	1·5	2·7
	Margate ...	cbc	bcc	47	60	-	-	1·9	3·7
2	Southend ...	cbcc	c	47	58	Trace	-	1·7	2·1
	Maldon ...	cbc	c	48	61	-	-	1·1	3·6
	Clacton-on-Sea	cbcc	cbcc	47	52	-	-	1·6	3·9
	Dovercourt ...	om	oc	47	58	-	-	2·2	3·7
	Lowestoft ...	occbc	bbccz	46	53	-	-	2·2	2·4
	Skegness ...	cbc	bc	46	58	-	-	2·0	2·2
	Mablethorpe...	oc	cbce	45	60	Trace	-	2·2	3·8
	Cleethorpes ...	cbc	bc	47	60	Trace	-	2·5	4·7
3	Leamington S.	cbc	c	46	60	0·1	-	2·3	2·4
4	Cheltenham†	c	co	46	58	-	-	0·7	0·3
5	Bath	bcc	cr	50	58	-	0·5	1·6	0·5
	Weymouth ...	bcc	ccr	48	52	-	1	0·6	0·5
	Jersey ...	pcbcc	co	47	60	Trace	-	1·9	0·0
	Torquay ...	op.	orp	49	53	-	0·4	0·0	2·0
	Penzance ...	ccir	irorr	49	57	-	3	0·0	0·2
	St. Ives ...	c	r	52	55	Trace	2	0·0	0·4
	Bude... ...	c	cp.	47	57	-	1	0·1	1·5
	Ilfracombe ...	cbcc	opco	49	56	-	0·6	0·4	4·0
6	Aberystwyth	cbcc	cir	47	59	-	0·3	1·7	4·2
7	Llandudno ...	bcc	ccor.	49	61	Trace	Trace	1·9	3·2
	Colwyn Bay...	bcc	ccor	49	61	0·5	1	1·8	4·7
	Rhyl	bcc	cr.	49	60	2	Trace	1·1	3·6
8	Wallasey ...	bcbc	c	49	60	1	-	3·0	1·3
	Southport ...	cpbcc	cop.	48	61	2	Trace	1·8	3·4
	Blackpool ...	bcc	coop	47	60	1	Trace	1·3	2·6
	Morecambe ...	bczbc	cbbcc	47	62	3	-	1·4	1·1
9	Ilkley... ...	goc	co	47	61	2	-	1·6	1·0
	Harrogate ...	c	bcc	47	60	1	-	1·8	1·0
10	Berwick-on-T.	oc	cm.	45	57	-	-	1·5	3·6
11	Dunbar ...	bcr.	om.	47	56	Trace	-	0·6	1·9
12	Troon... ...	cocco	ccocc	45	55	2	-	0·2	0·8
	Douglas ...	cfd.	cm	44	50	4	Trace	0·2	6·5

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 10th April, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Moderate southerly winds veering west or southwest; occasional rainy periods at first but fairer later; rather mild at first.
5 S.W. England 6 South Wales ...	Moderate northwest winds backing southwest or south later; fair periods and squally showers of rain or hail at first, occasional rain later; average temperature.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	Moderate west or northwest winds backing southwest or south later; fair periods and squally showers; average temperature.
10 N.E. England 11 S.E. Scotland	As 0 - 4.
12 S.W. Scotland & Isle of Man. 13 { A. W. Scotld. B.N.W.Scotland.	As 7 - 9.
14 Mid Scotland 15 N. E. Scotland ▼ 16 Orkney and Shetland ▼	Fresh or strong southerly winds veering southwest and moderating; occasional rain at first, fair periods later and occasional showers of rain or hail; average temperature.
17 N. W. Ireland 18 N. E. Ireland	As 7 - 9.
19 S. E. Ireland 20 S. W. Ireland	As 5 and 6.

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

Barometer. Isobars are drawn for intervals of two millibars.
Wind, Weather Symbols. For explanation see opposite page.
Sea Disturbance ~~ Rough. ≈≈ High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A depression south of Iceland is almost s stationary and a trough of low pressure extending from it to Brest is moving slowly eastwards. Another depression over Mid-Atlantic is moving eastwards. There will be some rain in the east at first but fair periods with rather squally showers over the rest of the country with less mild conditions than of late. Further rain may however affect the southwest later.

FURTHER OUTLOOK.

Showery in the North; occasional rain in South; cooler than of late.

Time of issue of Gale Warnings.

▼ South Cone hoisted at 0430 G.M.T. on 10th in districts 15 (part of) and 16.

Forecasts issued at 1000 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.
Director.

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

Morning of

SATURDAY
10TH APRIL.

1937.

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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 10th April, 1937

No. 27533

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)	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	997·5	-14	S	3	bc	56	75	8	5	4	-	2·3	2·3	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	999·6	-26	SE	4	c	53	75	8	5	-	-	10	10	5700
	Manston ...	142	998·9	-32	SE'E	4	c	52	85	8	5	-	-	10	10	7200
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1000·6	-32	SE	5	c	47	92	6	5	-	-	7-8	7-8	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	525	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	997·3	-20	SSW	4	o	50	92	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	993·4	0	SSE	3	of	50	97	3	5	-	-	10	10	450
	Scilly (St.Mary's)	163	992·2	+2	WSW	3	c	49	92	7	5	7	-	4-6	7-8	2500
	Guernsey ..	175	997·1	-22	S'W	4	r.r.	52	97	7	5	-	-	10	10	1500
6	Pembroke ...	142	988·8	-14	S'W	7	q	49	92	7	5	2	-	4-6	9+	2500
7	Holyhead ...	26	988·0	-26	S'E	5	c/q	53	92	7	5	2	-	4-6	9	4000
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	997·3	-28	SE	6	q	46	92	6	-	1	-	0	10	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	995·1	-22	S	3	ir.	45	97	6	6	-	-	10	10	800
11	Inchkeith ...	190	993·1	-24	SE	2	o	(50)	85	7	5	-	-	10	10	1500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	989·5	-16	S'W	3	r.r.	48	92	6	8	-	-	10	10	800
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	989·1	-24	S	3	rr	46	97	6	5	2	-	7-8	10	1500
15	Dalwhinnie ...	1178	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	994·1	-18	SSE	4	c/pr	44	97	6	5	2	-	7-8	10	800
16	Lerwick ...	156	999·4	-6	S	6	bc	44	92	6	5	-	-	4-6	4-6	450
17	Blacksod Point	18	989·6	-4	W	3	c	48	92	7	9	-	-	10	10	800
18	Malin Head ...	84	985·4	-22	SSE	2	r.r.	49	97	7	6	2	-	9+	10	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	990·7	+6	NW	4	id.	47	97	6	8	-	-	10	10	800
	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)	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)
994·5	-14	SE'S	2	rr	53	97	6	6	2	-	10	10	800	1	*
994·4	-12	S'E	2	r.r.	52	97	6	6	2	-	9	10	1500	1	*
994·3	-14	SSE	1	rr	52	97	5	6	2	-	9+	10	800	1	*
993·3	-16	S	4	rr	50	97	6	6	2	-	9+	10	450	1	*
994·3	-18	S'E	4	r.r.	51	97	6	6	2	-	9	10	800	1	2
995·7	-18	WSW	1	rr	51	97	6	6	2	-	7-8	10	1500	1	§0
994·9	-14	N'W	2	rr	52	97	6	6	2	-	7-8	10	1500	1	*
995·5	-12	-	0	rr	51	97	6	6	2	-	4·6	10	1500	1	*
996·1	-18	SE	1	RR	50	97	5	6	2	-	4-6	10	800	1	2
996·8	-14	SSE	2	ir.	47	92	6	6	-	-	10	10	1500	1	2
994·7	-6	SE'S	2	rr	52	92	5	6	2	-	4·6	10	1500	1	*
994·9	-14	SE	3	rr	50	97	6	6	2	-	9	10	800	1	*
993·0	-8	S	3	r.r.	51	97	4	6	-	-	10	10	800	1	*
993·6	-16	S'E	3	ir	52	97	5	6	2	-	9+	10	450	1	*
992·5	-6	SW	1	ir.	52	97	5	6	-	-	10	10	800	1	*
992·8	-10	SSW	3	Dr	50	92	7	5	-	-	10	10	1500	2	3
992·3	-6	S	1	df	50	97	2	-	-	-	10	10	<150	1	2
992·3	-2	NNW	3	c	48	97	7	6	-	-	10	10	1500	1	3
992·4	+2	NW'N	4	c/pr	48	97	7	8	-	-	9	9	2500	1	2
994·6	-8	S'W	3	c	51	92	8	5	-	-	7-8	7-8	2500	1	3
990·7	+4	WSW	2	c	47	97	7	5	7	-	4-6	7-8	2500	1	3
989·6	+28	SSW	4	c	48	92	7	5	2	-	7-8	9+	450	1	3
991·4	+6	N'E	2	c	53	85	7	5	-	-	9+	9+	1500	1	*
991·8	+4	SSE	4	c	54	85	7	5	-	-	9+	9+	2500	1	*
994·1	-4	SE'S	4	pr	46	92	6	5	2	-	4-6	10	1500	1	3
991·5	-4	S'E	3	z.	51	92	6	5	3	-	2·3	9+	800	1	*
991·0	-10	S	4	c/pr	48	97	6	6	2	-	4-6	10	800	1	2
989·0	-14	E	3	c	52	85	7	8	-	-	9+	9+	2500	0	2
989·4	-10	ESE	2	c	48	97	6	5	2	-	9	10	1500	1	*
988·0	-12	SSE	4	c/r	53	75	7	5	-	-	10	10	4000	1	*
988·2	-10	S	3	c	51	92	7	5	-	-	9+	9+	800	1	*
987·1	-14	SSW	5	d.d.	48	97	7	5	-	-	10	10	800	1	3
984·8	0	SSE	3	o	46	97	6	5	-	-	10	10	800	1	3
985·7	-8	SSE	2	f	46	97	2	-	-	-	10	10	<150	1	1
	-16	SE	C	ir	46	92	7	4	3	-	4-6	9	2500	1	*
990·3	-14	SSE	4	ir.	45	97	4	5	-	-	10	10	450	1	3
988·[illegible]	-22	SSE	6	rr	44	97	5	5	-	-	10	10	450	1	3
994·1	-16	SSE	7	c/pr	45	92	5	5	-	-	10	10	220	1	*
992·1	+32	NW	5	c	45	75	8	9	-	-	9	9	1500	1	4
985·4	+12	WSW	3	f	47	97	2	-	-	-	10	10	<150	1	1
985·6	+10	WSW	3	c/r	48	97	8	5	7	-	2·3	9+	800	1	*
990·8	+20	W'N	2	c	47	92	8	6	2	-	4-6	9+	1500	1	*
993·3	+20	NW'N	3	c	47	85	8	5	-	-	9+	9+	1500	1	3
993·1	+18	NW	4	c	47	85	8	5	-	-	7-8	7-8	1500	1	3

PAST 24 HOURS.

Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sea temp. 9h (36)
61	52	49	-	5	0·2
61	52	51	-	6	1·0
61	52	47	-	3	2·2
57	50	48	0·1	3	0·1
53	48	48	0·1	4	0·9
58	50	48	-	9	2·9
62	50	48	-	12	2·5
57	50	48	-	6	1·3
54	49	48	-	6	1·8
54	46	45	-	0·1	2·5
61	51	49	-	3	2·9
61	49	46	Tr	2	2·4
50	51	50	0·1	1	3·1
57	51	50	Tr	2	*
58	52	50	1	1	0·3
51	48	*	1	2	*
55	50	49	1	1	0·0
52	47	*	2	1	*
53	48	*	3	0·4	0·0
58	50	49	Tr	2	0·8
51	45	*	1	0·3	0·0
58	48	47	0·1	0·5	0·2
61	52	49	0·1	0·5	2·2
61	53	48	Tr	1	3·4
55	45	*	-	0·3	2·9
58	51	49	0·2	3	0·6
56	44	42	Tr	2	1·8
58	47	46	-	-	0·8
56	48	47	2	5	0·6
52	46	*	0·2	5	0·5
48	45	45	6	13	0·0
48	46	*	3	15	0·0
49	45	43	2	2	0·2
52	44	43	Tr	4	1·0
50	43	*	Tr	3	*
47	43	*	0·1	Tr	1·6
55	42	*	1	1	*
54	(47)	*	2	6	0·0
52	48	47	3	10	0·1
53	46	46	6	11	0·3
53	46	44	1	2	0·0
50	47	*	10	12	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity. 15h. G.M.T. % (Yesterday)	Humidity. 9h. G.M.T. % (To-day)	Visibility 9h.
KEW	18	c	c	c	61	52	49	-	5	0·2	•	•	6
CROYDON	217	c m. c	c	c m. ir. b	61	52	51	-	6	1·0	•	•	6
GREENWICH (Royal Observatory) ...	149	c	c	c r r	64	51	46	-	7	0·1	64	95	6
CITY (Bunhill Row)	—	•	•	•	•	•	•	•	•	0·2	•	•	•
WESTMINSTER (St. James' Park) ...	27	•	•	•	61	52	50	8		0·5	57	92	•
REGENTS PK. (Botanic Gardens)‡ ...	168	•	•	•	61	52	51	-	9	0·1	71	97	•
CAMDEN SQUARE	110	c	c	•	61	53	48	-	9	•	•	92	•
KENSINGTON	80	c	c b c	•	61	53	50	-	9	0·3	At 18h. 71	95	•
HAMPSTEAD OBSERVATORY	440	o	c	c o r	60	50	46	-	9	0·0	•	97	•

FOREIGN OBSERVATIONS.

18h. G.M.T. 9th April ... 7h. G.M.T. 10th 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	1007·1	SSE	2	c	64	996·9	S.	3	c	57	66	55	-	2
BRUSSELS	1009·2	SSE	2	c	59	997·4	SSE	4	r.r.	55	64	54	-	Tr
BERLIN	1013·8	W	1	c	57	1010·4	E	2	m	48	59	32	0·9	-
ZÜRICH	1013·4	ENE	1	bc	61	1006·7	NNW	1	c	48	68	45	-	-
ROME	1018·1	W	2	c	52	1016·3	ENE	2	z.	52	*	*	-	-

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	13-19h 9th	<0·3	3-6h. 10th

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
0·1	19+h 9th	<0·1	0-7h 10th.

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.

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.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

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

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday, 11th April, 1937.
No. 27534.

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. (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)	994·7	0	S'W	4	c	58	85	7	5	2	-	9	9+	2500
	Croydon ...	994·3	+4	SW	3	c/r	56	92	6	9	7	-	9	9+	600
	S. Farnborough	994·0	0	S'W	3	c/r	56	85	8	5	7	-	7-8	9+	1500
	Boscombe Down	993·9	+4	S'W	3	pr$_o$	55	92	7	8	7	-	7-8	9+	1500
	Calshot (Sthmtn.)	994·7	+4	SW'S	2	c/r	55	92	7	8	2	8	4-6	10	1500
	Lympne ...	995·6	-2	S6W	4	c	56	92	7	1	9	6	4-6	7-8	1500
	Manston ...	996·2	+2	S6W	3	ir$_o$	55	92	7	6	7	-	9	9+	1500
2	Shoeburyness ...	995·1	0	SW'S	3	c/r	56	86	7	6	2	-	7-8	10	1500
	Felixstowe ...	995·0	+2	S	2	ir$_o$	52	97	5	5	2	-	4-6	10	1500
	Gorleston ...	994·4	-8	-	0	m	47	97	4	6	-	-	10	10	1500
	Mildenhall ...	993·3	-6	S6W	5	c/r	50	85	5	6	2	-	7-8	10	1500
	Cranwell ...	993·8	-6	S6E	2	c/r	56	92	7	6	7	-	7-8	10	800
3	Birmingham ...	993·3	+4	SW	3	c	56	75	8	6	7	-	7-8	10	1500
4	Upper Heyford	993·7	+2	S'E	3	pr$_o$	55	85	8	8	7	-	7-8	9+	1500
	Ross-on-Wye	993·7	0	W'S	3	c	59	75	7	8	-	-	9+	9+	2500
5	Portland Bill ...	993·8	+4	S	3	rr	50	92	6	5	-	-	10	10	1500
	Plymouth ...	993·8	+10	NNW	2	dd	50	97	5	-	2	-	10	10	800
	The Lizard ...	996·2	+24	WNW	4	rr	46	92	8	8	-	-	10	10	1500
	Scilly (St. Mary's)	997·4	+24	NW	5	c/pr	51	85	8	8	4	-	7-8	9+	1500
	Guernsey ...	994·4	0	SW	2	0	52	92	6	5	-	-	10	10	800
6	Pembroke ...	993·2	+16	NNW	3	4	51	85	7	5	7	-	7-8	9+	2500
7	Holyhead ...	993·6	+20	WNW	3	c	50	85	8	5	-	-	10	10	2500
	Chester (Sealand)	993·4	+10	NNW	3	c	52	76	8	5	2	-	9	10	2500
8	Manchester ...	993·0	+10	WNW	3	Z$_o$	55	75	6	5	7	-	4-6	10	2500
10	Spurn Head ...	993·8	-4	SE'E	2	cf	48	97	3	5	2	-	7-8	10	220
	Catterick ...	992·7	0	SW	1	c/d	54	92	6	5	7	-	9	10	2500
	Tynemouth ...	991·8	+6	S	3	0	48	92	6	6	-	-	10	10	800
11	Inchkeith ...	990·3	+6	S	4	c	52	85	8	5	-	-	9+	9+	4000
	Leuchars ...	990·7	+12	S	4	q	56	75	8	8	-	3	7-8	9	2500
12	Rentrew (Abbots I.)	990·6	+24	WSW	2	c	50	92	7	5	-	-	10	10	800
	Eskdalemuir ...	991·9	+18	S	4	d$_o$d$_o$	47	97	6	6	-	-	10	10	220
	Point of Ayre...	991·7	+18	W'N	3	c	54	85	7	-	2	-	0	7-8	-
13A	Tiree ...	991·4	+35	NW	4	c	46	75	7	5	7	-	2-3	9+	1500
13B	Stornoway ...	987·5	+20	NW	5	r$_o$r$_o$	45	97	7	5	2	-	9	10	2500
15	Dalwhinnie ...	989·2	+16	S	6	c	52	75	7	8	7	-	4-6	9	800
	Aberdeen ...	991·4	+10	S'E	4	c	49	85	6	5	3	-	4-6	7-8	800
	Wick ...	989·5	+10	S6E	6	c	46	92	6	5	-	-	10	10	800
16	Lerwick ...	992·1	-6	S6E	8	ir	45	92	6	8	2	-	7-8	10	450
17	Blacksod Point	996·3	+22	NW	4	c	48	65	8	2	3	-	2-3	7-8	1500
18	Malin Head ...	997·8	+36	WNW	3	c	48	85	7	8	-	-	9+	9+	1500
	Aldergrove ...	993·0	+34	NW'W	4	ir$_o$	47	85	8	5	-	-	10	10	1500
19	Birr Castle ...	995·5	+12	WNW	2	c	51	65	8	4	-	-	9+	9+	5700
20	Valentia Obsy. †	996·9	+14	WNW	3	b	51	55	9	1	3	-	1	1	2500
	Roches Point	997·2	+24	NW	4	bc	50	75	9	3	4	-	4-6	4-6	2500

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. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	994·1	+2	S'E	3	c	57	75	8	8	7	-	4-6	7-8	2500	1	*
	Croydon ...	993·2	0	S	4	bc	55	75	7	8	6	5	2-3	4-6	2500	1	*
	S. Farnborough	993·7	-2	SSW	3	c	56	76	7	8	7	5	4-6	7-8	2500	1	*
	Boscombe Down	993·6	+2	S'W	1	c	53	85	7	8	7	1	7-8	9	1500	1	*
	Calshot (Sthmtn.)	994·3	-4	SE'S	2	c/r	51	97	8	8	7	-	4-6	10	1500	1	2
	Lympne ...	996·5	+8	S6W	4	c	51	88	8	5	-	-	9+	9+	1500	1	2
	Manston ...	995·3	+4	SW'S	3	c	55	75	7	5	5	6	4-6	7-8	2500	1	*
2	Shoeburyness ...	994·9	-2	SW'S	3	bc	54	75	8	3	4	8	1	2-3	2500	1	*
	Felixstowe ...	994·5	0	S'E	2	bc	53	85	8	4	4	4	4-6	4-6	4000	1	3
	Gorleston ...	994·9	+2	SE'S	2	c	49	92	5	5	-	-	10	10	1500	1	2
	Mildenhall ...	995·2	-4	WSW	2	PR	57	85	5	9	3	-	7-8	9+	1500	1	*
	Cranwell ...	995·2	-2	NW'W	2	Z$_o$	57	75	6	8	7	1	7-8	9+	1500	1	*
3	Birmingham ...	994·2	+4	NNW	4	pr$_o$	53	75	7	9	7	-	4-6	9+	2500	1	*
4	Upper Heyford	993·8	+8	SW	3	r$_o$r$_o$	52	97	7	6	2	-	7-8	10	800	1	*
	Ross-on-Wye	994·1	+8	NW	3	pr$_o$	53	75	8	5	1	-	9+	10	2500	1	*
5	Portland Bill ...	994·3	0	WNW	4	c	46	92	7	4	-	-	9	9	2500	1	3
	Plymouth ...	995·5	+22	WNW	3	r$_o$r$_o$	48	97	6	6	2	-	4-6	10	800	1	2
	The Lizard ...	995·4	+20	W'N	4	c	49	85	8	8	6	-	9	9+	2500	1	3
	Scilly (St. Mary's)	995·3	+12	WNW	5	c	50	85	8	3	4	3	4-6	7-8	1500	1	2
	Guernsey ...	995·2	+26	WNW	5	c	48	92	8	8	1	-	4-6	9	2500	1	3
6	Pembroke ...	996·3	+16	NNW	2	c	48	85	8	5	2	-	4-6	7-8	2500	1	1
7	Holyhead ...	995·3	+10	NW	3	c	47	85	8	7	2	-	2-3	10	1500	1	2
	Chester (Sealand)	995·1	+12	W	4	pr$_o$	48	85	7	5	-	-	10	10	800	1	*
8	Manchester ...	994·0	+6	W'N	4	cjp	48	92	6	8	3	1	4-6	7-8	1500	1	
10	Spurn Head ...	992·6	-4	SE'E	2	Z$_o$	46	97	5	5	2	-	4-6	10	450	1	2
	Catterick ...	992·7	+6	W	2	c	51	75	8	4	7	-	2-3	9	4000	1	*
	Tynemouth ...	992·2	0	SSE	1	m	48	85	4	6	2	-	7-8	10	800	1	8[1]
11	Inchkeith ...	992·5	+10	S	3	c	50	92	7	5	-	-	10	10	2500	0	2
	Leuchars ...	991·6	+4	SSW	2	c	53	85	7	5	-	-	10	10	1500	1	*
12	Rentrew (Abbots I.)	993·0	+18	WNW	4	c	47	85	8	5	-	-	9+	9+	1500	1	*
	Eskdalemuir ...	992·6	+6	SW'W	2	dd	47	97	5	6	2	-	8	10	220	1	*
	Point of Ayre...	994·7	+8	NW'N	4	c	47	85	8	-	7	-	0	7-8	-	1	2
13A	Tiree ...	994·7	+14	NW'W	3	bc	45	75	8	2	4	2	Tr	2-3	2500	0	3
13B	Stornoway ...	992·4	+18	W	3	c	46	65	8	5	7	2	4-6	7-8	4000	1	2
15	Dalwhinnie ...	992·4	+14	-	0	c	46	85	7	4	5	-	4-6	10	800	1	*
	Aberdeen ...	992·8	+14	S	2	c	46	92	8	5	7	-	2-3	9+	1500	1	2
	Wick ...	991·0	+16	NW	2	c	50	92	7	8	7	-	7-8	9+	1500	1	3
16	Lerwick ...	992·9	+8	SSE	8	c	44	92	6	6	2	-	7-8	10	450	1	
17	Blacksod Point	997·9	+12	W	3	c	47	55	8	2	4	-	4-6	7-8	2500	0	2
18	Malin Head ...	996·0	+26	WNW	3	bc	45	97	8	2	6	-	2-3	4-6	2500	1	1
	Aldergrove ...	995·8	+12	NW	3	c	47	65	8	5	3	-	7-8	9+	4000	1	*
19	Birr Castle ...	997·3	+4	WNW	1	c	49	66	8	4	-	-	7-8	7-8	2500	1	*
20	Valentia Obsy. †	1000·2	+6	WNW	3	bc	48	65	9	7	3	-	4-6	4-6	2500	1	2
	Roches Point	998·3	+6	WNW	4	bc	50	65	9	3	4	3	2-3	4-6	2500	1	3

PAST 24 HOURS.

District	Stations	Weather. 7h.–13h. (37)	Weather. 13h.–18h. (38)	Weather. 18h.–1h. (39)	Weather. 1h.–7h. (40)
1	London (Kew)	crrmrc	cr$_o$c	c	cir$_o$
	Croydon ...	crr$_o$ddr$_o$	cm$_o$pr$_o$bc	bccm$_o$	em$_o$rrir$_o$
	S. Farnborough	rrr$_o$irr$_o$	cir$_o$bbc	becir$_o$	crrrm$_o$bc
	Boscombe Down	crrrcpr$_o$	cpr$_o$c	cRR^o	errbc
	Calshot (Sthmtn.)	cdd$_o$r$_o$m$_o$	c$_o$cir$_o$	cir$_o$	cr$_o$c
	Lympne ...	rFd$_o$dc	c	Fd$_o$d$_o$fe	fr$_o$r$_o$m$_o$
	Manston ...	oRFr$_o$	cbc	odododm$_o$	om$_o$rr
2	Shoeburyness ...	rrirc	cbcv	bcc	rRrc
	Felixstowe ...	RRmrr	cir$_o$cbc	bccm$_o$	cid$_o$cm$_o$
	Gorleston ...	orrm	om$_o$fmz	cbcz$_o$	coz$_o$
	Mildenhall ...	crrr$_o$m$_o$	crrr$_o$cm$_o$z$_o$	cz$_o$,b	b,cr$_o$r$_o$c
	Cranwell ...	rrr$_o$r$_o$R	cpr$_o$m$_o$	cz$_o$	cpr$_o$
3	Birmingham ...	oir$_o$c	cpr$_o$	cr$_o$	c
4	Upper Heyford	rrir$_o$c	prcr$_o$R	cr$_o$rr$_o$	crrr$_o$
	Ross-on-Wye	r$_o$cc	ccv	crorr	rec
5	Portland Bill ...	orr	orc	cpr	cbc
	Plymouth ...	offddr$_o$	oddrrm$_o$	cr$_o$r$_o$m$_o$c	cbw
	The Lizard ...	cmrr	rrc	cbcbo	pr$_o$bc
	Scilly (St. Mary's)	r$_o$ir$_o$	cr$_o$c	cbcbo	bbcp$_o$
	Guernsey ...	cpr$_o$o	orrir	cirbc	bc
6	Pembroke ...	cqpr$_o$	pr$_o$c	cq	cbc
7	Holyhead ...	c	cid$_o$	bc	bcc
	Chester (Sealand)	c	cbcpr$_o$	cpr$_o$id$_o$b	bbcw
8	Manchester ...	cjpcz$_o$	cqjpm$_o$	id$_o$cbc	bcm$_o$c
10	Spurn Head ...	rrf	frrm$_o$	mprco	opr
	Catterick ...	cm$_o$d$_o$	cm$_o$cvc	cbcc	ccv
	Tynemouth ...	o	oir$_o$m	oc	cop$_o$
11	Inchkeith ...	c	c	c	c
	Leuchars ...	cm$_o$cq	cqc	cd$_o$r$_o$c	cir$_o$cr
12	Rentrew (Abbots I.)	cm$_o$irc	c	cbc	bcbx
	Eskdalemuir ...	cqcrd$_o$d$_o$	d$_o$ccdd	ddcbc	bc
	Point of Ayre...	d$_o$dc	c	cbcbc	bc
13A	Tiree ...	oirc	cbc	c	bcc
13B	Stornoway ...	rrfe,c	cr$_o$r$_o$	cbc	bc
15	Dalwhinnie ...	cir	c		circ
	Aberdeen ...	r$_o$cz$_o$	cz$_o$	cm$_o$c	cir$_o$
	Wick ...	rrcm$_o$	c	cr$_o$rc	c
16	Lerwick ...	clrm$_o$	crrm$_o$	crrm$_o$	offe
17	Blacksod Point	bc	bc	bc	bc
18	Malin Head ...	c	bc	bcpr$_o$bc	bc
	Aldergrove ...	cir$_o$cv	cir$_o$c	cbcb	bx
19	Birr Castle ...	c	c	c	c
20	Valentia Obsy. †	pr$_o$bvy	b$_v$ybc	bccp$_o$c	cbcc
	Roches Point	cbcv	bcv	bcvc	cwbc

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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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. 𝒻 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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. ,, wet.
2 .. ,, flooded.
3 .. ,, frozen hard and dry.
4 .. ,, partly covered with snow or hail.
5 .. ,, covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 .. ,, covered with snow, less than 6 ins., but 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.*

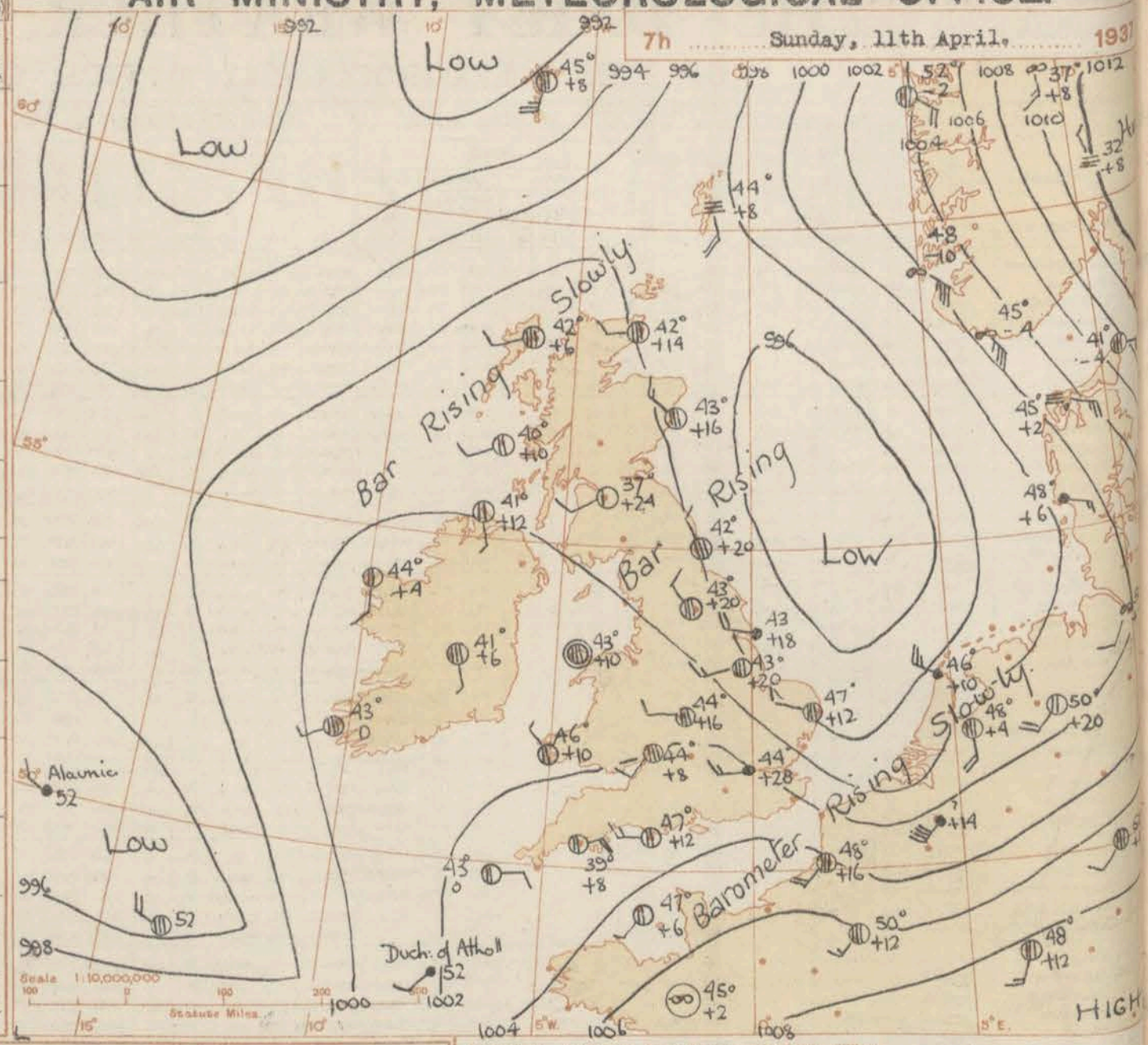
[1] Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 10th April 1937.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature (°F) Min. 9h. to 9h.	Temperature (°F) Max. 9h.—17h.	Rainfall (mm) Night. 17h. to 9h.	Rainfall (mm) Day. 9h.—17h.	Sunshine (Hrs) Sunrise to 17h.	Sunshine (Hrs) Sunrise to Sunset.
1	Tunbridge W.	orro	cpbc	51	58	6	0·3	1·3	1·8
	Bournemouth	o	obco	49	56	3	2	1·5	1·1
	Ventnor ...	rmopc	ocom	46	55	7	0·3	0·4	1·8
	Southsea ...	odobc	oco	50	56	7	1	0·1	1·5
	Bognor Regis	ocbc	crbc	48	51	10	0·3	0·4	2·4
	Littlehampton	orc	cbcc	49	58	11	0·4	0·4	2·9
	Worthing ...	c	cbc	49	58	9	-	0·7	3·3
	Brighton ...	dccd	bcbc	49	53	14	Trace	1·3	3·6
	Eastbourne† ...	rocbc	bccov	50	57	13	0·2	3·4	2·2
	Hastings† ...	macbc	bcbcb	49	55	12	-	2·2	2·0
	Folkestone ...	ofdro	cbcbbc	49	57	16	0·5	1·6	2·5
	Dover ...	rof	oobc	49	56	15	0·4	2·8	3·6
	Deal	rrdoo	ocbb	51	60	16	1	3·6	2·9
	Ramsgate ...	rorfc	cbc	49	58	14	1	2·7	1·5
	Margate ...	crb	cbc	50	60	12	1	2·0	1·9
2	Southend ...	orfir	cbcb	50	56	11	0·3	0·9	1·7
	Maldon ...	roc	cbc	51	61	12	-	1·1	1·3
	Clacton-on-Sea	orirc	cbc	47	54	7	2	0·7	1·6
	Dovercourt ...	roc	bproc	49	58	11	2	0·3	2·2
	Lowestoft ...	cmr	c	46	53	5	2	0·0	2·2
	Skegness ...	mo++	o?c?	46	52	5	5	0·0	0·0
	Mablethorpe...	ormc	compc	46	52	4	5	0·0	2·2
	Cleethorpes ...	orc	cor	48	57	3	6	0·0	2·8
3	Leamington S.	acbc	cor	52	60	1	0·2	0·3	2·3
4	Cheltenham†	opc	cotlr	52	61	1	2	1·3	0·7
5	Bath	cc	ctrr	53	58	1	3	0·0	1·6
	Weymouth ...	dcc	c	49	55	2	Trace	0·7	0·6
	Jersey ...	rccpc	cpcbc	49	54	5	0·2	1·9	1·9
	Torquay ...	op	oRr	50	53	3	11	0·0	0·0
	Penzance ...	rcp	c	48	52	1	Trace	0·2	0·0
	St. Ives ...	p	p	47	50	6	0·5	0·0	0·0
	Bude... ...	o	r	46	51	0·2	4	0·0	0·1
	Ilfracombe ...	poco	corr	47	51	0·2	5	0·0	0·4
6	Aberystwyth	cbcc	c	50	58	-	-	0·4	1·7
7	Llandudno ...	oid	do	48	51	1	Trace	0·1	1·9
	Colwyn Bay...	crccd	cdood	50	53	0·5	0·3	0·3	1·8
	Rhyl	crc	coid	51	52	Trace	0·2	0·2	1·1
8	Wallasey ...	c	cop	53	55	0·8	Trace	0·3	3·0
	Southport ...	coc	cod	52	55	1	Trace	0·3	1·8
	Blackpool ...	c	co	52	58	3	-	0·5	1·3
	Morecambe ...	c	cbbcc	50	55	2	-	1·0	1·4
9	Ilkley... ...	ogo	c	49	56	2	-	0·2	1·6
	Harrogate ...	c	cpc	49	54	3	0·1	0·0	1·8
10	Berwick-on-T.	c	co	44	57	0·5	-	0·6	1·5
11	Dunbar ...	bcmr	ber	46	58	1	Trace	1·5	0·6
12	Troon... ...	ccooc	cococ	47	51	1	-	0·0	0·2
	Douglas ...	cbd	bc	44	52	1	Trace	1·3	0·2

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



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~ Rough. ≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 11th April, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Wind southwest light, backing southsoutheast moderate; fine at first, cloudy with a period of rain tonight; showers tomorrow; average temperature.
4 W. Midlands ... 5 S.W. England 6 South Wales ...	Wind freshening from southeast, veering southwest later; cloud increasing; rain spreading from southwest; bright periods and showers tomorrow; rather mild.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	Light variable winds; fine today, dull with occasional rain at first tomorrow; average temperature.
10 N.E. England 11 S.E. Scotland	Light westerly to variable wind; fine today, more cloud tomorrow with rain probable later; average temperature.
12 S.W. Scotland & Isle of Man	As 7 - 9.
13 A. W. Scotld. / B.N.W.Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Light westerly to variable wind; fine; average day temperature; slight frost tonight.
17 N. W. Ireland 18 N. E. Ireland	As 7 - 9.
19 S. E. Ireland 20 S. W. Ireland	As 4 - 6.

GENERAL INFERENCE.

A ridge of high pressure over the British Isles will move east, whilst a depression westward of Southern Ireland will move eastnortheast and then northeast. Weather will be fine over the greater part of the British Isles at first, but rain will soon commence in the extreme southeast and move eastnortheast.

FURTHER OUTLOOK.

Changeable, rather showery weather.

Forecasts issued at 1030 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.
Director.

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

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

Morning of

SUNDAY,
11TH APRIL.

1937.

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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—◎

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— ○ Clear sky. ◔ Sky less than 3/10 clouded. ◑ Sky 4/10 to 6/10 clouded. ◕ Sky 7/10 to 9/10 clouded. ● Overcast sky ● Rain falling. ✱ Snow. ✱ Sleet. △ Hail. ≡ Fog. ≡ Mist. (K) Thunder. ↯ Thunderstorm. ∞ Slight haze.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 11th April, 1937.
No. 27534.

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	996.2	+14	SSW	3	c	45	97	6	5	2	-	7-8	10	800
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	997.5	+6	SW	5	4+	47	97	2	-	-	-	10	10	4150
	Manston ...	142	996.5	+6	SW	4	0	48	92	6	5	-	-	10	10	450
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	996.3	+8	SSE	2	bc	45	92	6	5	-	-	4.6	4.6	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1002.1	+28	WNW	4	c	47	92	7	4	-	-	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*		*	*	*
	The Lizard ...	240	1002.8	+10	WSW	3	b	45	92	8	1	-	-	1	1	2500
	Scilly (St.Mary's)	163	1002.8	+6	WSW	3	b	45	85	8	-	-	-	0	0	-
	Guernsey ...	175	1003.5	+16	WNW	2	bc	47	97	8	2	-	-	4.6	4.6	2500
6	Pembroke ...	142	999.8	+8	W	3	c	46	85	7	5	7	-	4.6	7-8	2500
7	Holyhead ...	26	998.8	+10	S'E	1	bc	43	97	8	5	-	-	2.3	2.3	4000
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	994.5	+6	WNW	4	0	46	97	6	5	-	-	10	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	994.5	+10	WNW	3	c	47	85	7	5	-	-	7-8	7-8	1500
11	Inchkeith ...	190	995.3	+14	SW	3	c	47	92	7	5	2	-	2-3	7-8	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	997.5	+8	NNW	3	b	43	85	8	-	4	-	0	1	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	996.0	+12	SW	3	bc	40	85	7	5	7	-	4.6	4.6	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	995.7	+134	NW	3	c	43	92	8	5	2	-	7-8	10	1500
16	Lerwick ...	156	996.4	+6	S	6	r	45	97	6	5	2	-	7-8	10	450
17	Blacksod Point	18	999.4	+6	W	3	c	45	75	8	4	-	-	7-8	7-8	1500
18	Malin Head ...	84	999.1	+8	S	2	bc	41	92	7	5	-	-	2-3	2-3	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1001.1	0	SSE	2	c	43	92	8	4	-	-	7-8	7-8	1500
	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)	1002.5	+30	W'S	3	5/r	45	85	8	5	2	-	7-8	9+	2500	1	*
	Croydon ...	1002.1	+32	W	3	r.r.	44	92	7	6	2	-	2-3	10	1500	1	*
	S. Farnborough	1002.4	+22	WSW	2	5/r	48	92	8	8	3	-	1	7-8	2500	1	*
	Boscombe Down	1002.8	+14	WS	2	bc	45	92	7	5	3	-	2-3	4-6	1500	1	*
	Calshot (Sthmtn.)	1003.0	+16	SW	2	bc	46	87	7	5	3	2	1	4-6	2500	1	2
	Lympne ...	1002.0	+36	W	4	r.r.	44	92	6	6	2	-	7-8	10	220	1	2
	Manston ...	1000.6	+34	SW	4	r r	45	92	6	6	2	-	9	10	220	1	*
2	Shoeburyness ...	1001.1	+34	W'N	4	r.	45	92	7	6	2	-	2-3	10	1500	1	*
	Felixstowe ...	999.2	+32	W'N	4	5/d	46	85	6	5	2	-	2-3	10	800	1	3
	Gorleston ...	997.9	+12	WNW	2	0	47	92	5	5	-	-	10	10	1500	1	2
	Mildenhall ...	999.7	+30	W	4	c	45	85	7	-	7	-	0	10	-	1	*
	Cranwell ...	999.6	+20	W'S	3	5/pr	43	83	7	5	2	-	9+	10	4000	1	*
3	Birmingham ...	1001.9	+16	WNW	2	c	44	75	8	-	7	-	0	9+	-	1	*
	Upper Heyford	1002.1	+18	W'S	3	5/r	44	92	8	5	7	-	4.6	9	1500	1	*
4	Ross-on-Wye	1001.8	+8	SW	2	c	44	85	8	8	-	2	Tr	7-8	4000	1	*
5	Portland Bill ...	1003.2	+12	W	3	bc	47	92	7	4	-	1	2-3	4.6	2500	1	3
	Plymouth ...	1003.5	+8	E'N	1	b	35	97	7	2	4	-	Tr	1	1500	1	0
	The Lizard ...	1002.8	0	-	0	bc	46	92	8	8	6	-	4.6	4.6	2500	1	2
	Scilly (St.Mary's)	1002.6	0	E'S	2	bc/pr	43	92	8	8	4	3	2-3	4.6	1500	1	1
	Guernsey ...	1004.5	+6	SW'W	1	bc	47	97	7	2	-	-	4.6	4.6	2500	1	2
6	Pembroke ...	1000.6	+10	NW	1	bc	46	85	8	5	7	-	4-6	4-6	4000	1	2
7	Holyhead ...	1000.7	+10	-	0	c	43	92	8	5	-	-	9	9	4000	1	0
	Chester(Sealand)	1000.9	+14	W	1	c	40	92	8	5	7	-	2-3	7-8	5700	1	*
8	Manchester ...	1001.0	+18	W	2	c	42	92	8	5	7	-	4.6	10	4000	1	*
10	Spurn Head ...	997.8	+18	W'N	4	pr	43	92	6	5	-	-	10	10	800	1	3
	Catterick ...	998.9	+20	NW	2	c	43	65	8	5	7	-	7-8	10	4000	1	*
	Tynemouth ...	997.9	+20	NW	2	9/pr	42	85	7	-	2	-	10	10	1500	1	1
11	Inchkeith ...	998.1	+6	SW	3	c	40	85	7	5	7	-	4.6	7-8	2500	0	2
	Leuchars ...	998.4	+18	W	1	c	44	85	9	-	7	-	0	9+	-	1	*
12	Renfrew (Abbotsl.)	999.0	+24	WSW	2	b	37	92	9	-	-	1	0	Tr	-	1	*
	Eskdalemuir ...	999.1	+14	-	0	bc	36	85	9	4	-	6	1	2-3	4000	1	*
	Point of Ayre...	1000.1	+10	NW	3	bc	42	97	7	2	4	7	Tr	4.6	800	1	1
13A	Tiree	999.0	+12	W'S	2	c	42	85	8	5	3	-	4.6	7-8	2500	0	2
13B	Stornoway ...	999.0	+10	WSW	2	bc	40	85	9	5	2	-	2-3	2-3	4000	1	1
15	Dalwhinnie ...	*	+12	-	0	c	38	75	8	4	5	-	2-3	9	4000	0	*
	Aberdeen ...	997.8	+16	NNW	3	5/r	43	75	8	6	7	-	2-3	9+	1500	1	1
	Wick ...	997.8	+14	W	2	c	42	85	8	5	7	-	7-8	9	1500	1	2
16	Lerwick ...	997.4	+8	S	4	of	44	97	8	5	-	-	10	10	220	1	*
17	Blacksod Point	1000.4	+4	S'W	2	c	44	75	8	5	3	-	4.6	9	2500	0	2
18	Malin Head ...	999.8	+12	S	1	bc	41	97	8	8	-	1	2-3	4.6	2500	0	1
	Aldergrove ...	1000.8	+8	S	2	b	36	97	8	-	3	5	0	1	-	1	*
19	Birr Castle ...	1001.2	+6	S	1	c	41	97	8	5	-	-	9+	9+	2500	1	*
20	Valentia Obsy. †	1001.1	0	WSW	1	c	43	85	9	5	-	-	9+	9+	4000	1	2
	Roches Point	1001.6	+2	WNW	2	bc	43	92	8	5	-	-	4-6	4-6	1500	1	2

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine Hrs. (36)
1	London (Kew)	60	45	42	3	0.4	2.3
	Croydon	59	44	42	2	4	2.4
	S. Farnborough	57	43	40	3	2	1.1
	Boscombe Down	56	44	42	1	17	0.2
	Calshot (Sthmtn.)	56	45	43	3	1	0.4
	Lympne	60	44	44	2	2	2.7
	Manston	60	45	44	6	1	3.8
2	Shoeburyness	61	44	41	5	10	2.8
	Felixstowe	55	45	42	7	Tr	1.0
	Gorleston	53	45	44	5	-	0.0
	Mildenhall	61	44	43	10	1	0.3
	Cranwell	59	43	41	7	Tr	0.1
3	Birmingham	58	43	40	0.6	0.2	0.5
	Upper Heyford	59	42	41	9	3	*
4	Ross-on-Wye	59	43	40	0.4	6	0.8
5	Portland Bill	52	45	*	0.5	0.1	*
	Plymouth	51	53	37	14	0.6	0.0
	The Lizard	50	43	*	4	Tr	*
	Scilly (St.Mary's)	52	41	*	1	Tr	0.9
	Guernsey	56	45	36	3	1	1.3
6	Pembroke	53	42	*	Tr	-	0.2
7	Holyhead	51	41	33	Tr	-	0.1
	Chester(Sealand)	57	40	34	Tr	0.2	1.4
8	Manchester	57	38	30	-	Tr	1.2
10	Spurn Head	50	42	*	10	2	0.0
	Catterick	55	43	42	Tr	-	0.1
	Tynemouth	53	42	40	0.3	Tr	0.1
11	Inchkeith	55	37	36	-	-	3.5
	Leuchars	57	43	40	-	3	1.9
12	Renfrew (Abbotsl.)	53	34	28	Tr	-	0.1
	Eskdalemuir	52	35	31	0.3	Tr	0.0
	Point of Ayre	55	41	*	(Tr)	-	0.8
13A	Tiree ...	49	37	30	1	-	5.3
13B	Stornoway	50	37	*	1	-	2.8
15	Dalwhinnie	53	36	34	2	0.5	1.3
	Aberdeen	50	42	40	0.2	0.1	1.2
	Wick	50	41	*	1	2	*
16	Lerwick	47	42	*	3	9	0.0
17	Blacksod Point	49	40	*	-	-	*
18	Malin Head	48	39	*	0.2	Tr	3.0
	Aldergrove	49	33	28	Tr	Tr	0.0
19	Birr Castle	54	40	36	-	-	2.0
20	Valentia Obsy. †	51	41	36	Tr	0.4	8.1
	Roches Point	51	40	*	-	-	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs.	Humidity. 15h. G.M.T %	Humidity. 9h. G.M.T %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	crrm,rc	cr,c	cir.	60	45	42	3	0.4	2-3	*	*	
Croydon	217	cr,r,cldr	cm,pr,bc	bcm,rir	55	44	42	2	4	2.4	*	*	8
Greenwich (Royal Observatory)	149	rir,c	crcpcb	bcrpbc	62	44	42	1	5	1-5	78	73	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	2-3	*	*	*
Westminster (St. James' Park)	27	*	*	*	59	45	43	1		2-8	75	78	*
Regents Pk. (Botanic Gardens)‡	168	*	*	*	60	44	42	0-2	2-0	2-0	89	73	*
Camden Square	110	crc	crbcb	*	60	45	40	0-3	1	*	*	70	*
Kensington	80	bcorbc	bcp	*	59	45	42	0-4	2	1-8	At 18h. 75	66	*
Hampstead Observatory	450	or	cbc	bcor	57	41	38	0-5	1	1-3	*	73	*

FOREIGN OBSERVATIONS

Stations	18h. G.M.T. April 10th. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. April 11th. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	999.8	WSW	5	c	52	1007.0	SW	3	c	50
Brussels	997.9	WSW	6	c	50	1003.0	SW	2	d.d.	-
Berlin	1004.6	SE	3	c	61	1004.3	E	3	d.d.	46
Zürich	1003.0	ENE	2	bc	57	1011.9	WSW	3	c	46
Gorm	1012.7	SSE	6	c	59	1012.1	-	0	c	59

Past 24 Hours.

Stations	Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris	63	48	1	Tr
Brussels	59	48	5	5
Berlin	"	"	"	"
Zürich	63	45	1	6
Gorm	"	"	-	-

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	13-21h 10th	0-0-3	0-7h 11th

Kew Observatory.

Max.	Time.	Min.	Time.
0-1	20h 10th	0-0-1	7h 11th

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 "
2 Fog	550 "
3 Moderate fog	1,100 "
4 Mist or haze	1⅛ miles.
5 Poor visibility	2⅛ "
6 Moderate "	6⅛ "
7 Good "	12⅛ "
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; 8/6 per quarter; 25/- per year.

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

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

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

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 12th April, 1937.

No. 27535.

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

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)	1004·0	+4	W	3	c	55	55	8	8	–	–	9	9	2500
	Croydon ...	1003·5	+2	SW	3	c	55	55	8	2	–	–	7·8	7·8	4000
	S. Farnborough	1003·8	+2	SW	4	bc	59	45	9	2	–	–	4·6	4·6	4000
	Boscombe Down	1003·9	+2	SW'W	3	c	53	55	8	8	–	–	7·8	7·8	2500
	Calshot (Sthmtn.)	1004·9	+10	SSW	4	b	55	75	8	7	4	–	1	1	2500
	Lympne ...	1005·3	+8	SSW	5	bc/pr	51	85	8	9	–	–	4·6	4·6	1500
	Manston ...	1004·2	+12	W'N	3	c	54	55	8	5	7	–	4·6	7·8	2500
2	Shoeburyness ...	1004·1	+10	SW'W	4	c	56	55	7	8	6	–	4·6	7·8	4000
	Felixstowe ...	1003·9	+8	WSW	4	c	52	55	8	8	3	9	4·6	9	1500
	Gorleston ...	1002·6	+24	WSW	3	ir_o	45	85	6	6	–	–	10	10	1500
	Mildenhall ...	1003·4	+18	WNW	4	c	51	55	8	5	7	–	4·6	9+	4000
	Cranwell ...	1003·2	+22	WNW	3	z_o	49	55	6	8	7	–	7·8	10	2500
3	Birmingham ...	1003·7	+6	N	1	z_o	49	55	6	–	3	–	0	7·8	–
	Upper Heyford	1003·7	+8	W'S	3	c/pr	51	65	9	8	–	–	9	9	2500
4	Ross-on-Wye	1003·0	+6	NW'W	3	bc	54	55	8	8	–	8	4·6	4·6	4000
5	Portland Bill ...	1004·5	+8	S	3	c	53	85	8	4	4	1	2·3	7·8	2500
	Plymouth ...	1003·6	0	SE'S	3	c	52	75	9	2	5	6	4·6	7·8	2500
	The Lizard ...	1003·1	0	SE	2	c	53	85	8	8	7	–	4·6	7·8	2500
	Scilly (St. Mary's)	1002·2	−4	SE'S	4	c	53	85	8	8	7	6	4·6	7·8	2500
	Guernsey ...	1004·8	0	SSE	1	bc	55	75	9	1	1	–	2·3	4·6	2500
6	Pembroke ...	1002·3	+2	S	2	bc	51	75	8	7	4	–	2·3	4·6	4000
7	Holyhead ...	1002·9	+10	N	2	c	48	85	8	7	7	–	4·6	10	4000
	Chester (Sealand)	1003·5	+12	WNW	2	c	50	55	8	8	2	–	7·8	10	2500
8	Manchester ...	1003·1	+12	W'N	3	c	49	65	7	5	7	–	2·3	10	1500
10	Spurn Head ...	1001·3	+22	WNW	4	rr	44	97	6	5	2	–	7·8	10	800
	Catterick ...	1001·6	+14	SE'E	2	c	50	65	8	5	7	–	4·6	10	4000
	Tynemouth ...	1002·1	+14	NNW	2	c	45	85	7	5	–	–	9	9	1500
11	Inchkeith ...	1001·0	+8	SW	1	c	50	55	8	8	–	4	2·3	9	2500
	Leuchars ...	1001·0	+6	ESE	2	c	50	65	9	7	–	2+	7·8	(7·8) 9+	4000
12	Renfrew (Abbotsl.)	1001·4	+14	W'N	3	c	51	55	9	8	–	6	4·6	9	4000
	Eskdalemuir ...	1001·1	+12	NNW	1	c	49	55	9	7	–	1	4·6	7·8	4000
	Point of Ayre ...	1002·9	+12	NW'N	2	bc	49	85	8	2	5	–	Tr	4·6	2500
13A	Tiree	1002·0	+18	WNW	2	bc	51	65	9	2	4	–	1	2·3	2500
13B	Stornoway ...	1000·8	+12	WNW	2	c/pr	50	65	9	5	7	–	4·6	7·8	4000
15	Dalwhinnie ...	1002·2	+14	NW	2	c	46	45	8	5	1	–	4·6	9+	2500
	Aberdeen ...	1000·8	+16	NW	3	c	51	55	8	5	–	–	7·8	7·8	4000
16	Lerwick ...	999·8	+10	NW	3	c	50	65	8	7	7	–	4·6	7·8	1500
		999·2	+8	SSE	3	dr	43	97	6	6	2	–	9	10	220
17	Blacksod Point	1002·3	+12	WSW	2	c	49	55	8	5	–	–	10	10	2500
18	Malin Head ...	1002·2	+10	WNW	2	c	49	97	8	4	5	–	2·3	7·8	2500
	Aldergrove ...	1002·6	+10	WSW	2	c	50	45	9	4	3	5	7·8	9+	2500
19	Birr Castle ...	1002·6	+6	S	1	c	50	45	8	5	–	–	9+	9+	2500
20	Valentia Obsy. †	1001·8	+2	WSW	3	c	49	65	9	8	–	–	9+	9+	4000
	Roches Point	1002·1	+4	SE	3	bc	49	75	9	3	–	3	2·3	4·6	1500

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	°Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	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)	1004·0	+6	SSW	3	bc	56	55	8	8	–	–	4·6	4·6	1500	1	*
	Croydon ...	1003·5	0	SW'S	3	b	53	55	8	2	–	–	1	1	4000	1	*
	S. Farnborough	1004·2	+6	SW	3	b	53	55	8	8	–	1	Tr	1	5700	1	*
	Boscombe Down	1004·2	+2	SSW	3	bc	52	65	8	8	–	6	2·3	4·6	2500	1	
	Calshot (Sthmtn.)	1004·7	+2	SSW	2	bc	52	85	8	1	4	6	Tr	2·3	4000	1	§ 2
	Lympne ...	1005·7	+6	SW	3	b	50	75	8	2	4	–	1	1	2500	1	*
	Manston ...	1004·8	+4	SW'S	4	bc	51	75	8	2	6	8	1	2·3	4000	1	
2	Shoeburyness ...	1004·5	+2	SW	2	bc	52	65	8	8	6	–	2·3	4·6	4000	1	*
	Felixstowe ...	1004·7	+8	–	0	bc	51	85	7	4	6	4	4·6	4·6	2500	1	2
	Gorleston ...	1004·4	+10	WNW	1	c	47	85	6	5	–	–	9	9	2500	1	1
	Mildenhall ...	1004·2	+6	NNE	1	bc	50	65	8	–	4	2	0	4·6	–	1	*
	Cranwell ...	1004·4	+6	–	0	c	46	75	7	–	7	1	0	9+	–	1	*
3	Birmingham ...	1004·1	+4	ESE	2	z_o	50	55	5	5	3	–	2·3	9	2500	1	*
	Upper Heyford	1004·1	+6	NW	2	c	53	55	8	5	4	–	7·8	7·8	4000	1	*
4	Ross-on-Wye	1003·5	+4	WSW	2	bc	53	55	8	8	–	6	2·3	4·6	4000	1	*
5	Portland Bill ...	1003·1	−6	SE	3	c	48	85	8	4	–	–	9	9	2500	1	3
	Plymouth ...	1003·9	−6	SE	3	ir_o	49	92	8	6	7	6	4·6	9	1500	1	2
	The Lizard ...	1001·4	−8	E	4	rr	47	97	7	5	–	–	10	10	1500	1	2
	Scilly (St. Mary's)	999·4	−16	ESE	5	r	47	92	7	8	2	–	4·6	10	1500	1	2
	Guernsey ...	1004·4	−4	S'W	1	r_o	51	92	7	5	–	–	10	10	2500	1	2
6	Pembroke ...	1001·6	−4	SSE	2	bc	48	85	9	5	7	–	2·3	4·6	4000	1	2
7	Holyhead ...	1003·6	+4	E	2	c	47	75	89	7	8	6	2·3	7·8	4000	1	0
	Chester (Sealand)	1004·1	+6	NW	1	z_o	48	75	6	5	2	–	7·8	10	2500	1	*
8	Manchester ...	1004·0	+6	N'W	2	c	47	75	7	5	7	–	4·6	10	1500	1	
10	Spurn Head ...	1003·4	+12	W'N	4	rr	44	92	6	5	2	–	7·8	10	800	1	3
	Catterick ...	1003·4	+12	NE	2	c	45	92	7	5	7	–	7·8	10	4000	1	*
	Tynemouth ...	1003·4	+10	–	0	c	45	85	7	5	–	–	9	9	2500	1	
11	Inchkeith ...	1003·1	+6	SE	1	c	49	65	8	5	–	–	9	9	4000	0	2
12	Leuchars ...	1003·0	+14	ESE	2	c	48	65	8	5	–	–	9+	9+	4000	1	*
	Renfrew (Abbotsl.)	1002·9	+12	NW'W	3	c	50	65	9	2	6	1	4·6	7·8	4000	0	*
	Eskdalemuir ...	1003·2	+10	W'N	2	c	46	75	8	4	–	2	4·6	9	2500	1	
	Point of Ayre ...	1004·2	+4	WNW	1	c	47	85	8	–	3	–	0	7·8	–	0	1
13A	Tiree	1004·0	+14	W'N	2	b	47	75	9	2	4	5	Tr	1	2500	0	1
13B	Stornoway ...	1003·0	+12	NW	4	c	50	65	8	8	7	–	7·8	9	4000	1	1
15	Dalwhinnie ...	1004·2	+16	NW	2	c	46	55	8	4	6	–	4·6	9	4000	0	
	Aberdeen ...	1003·3	+18	S	2	c	47	65	6	5	3	1	4·6	7·8	4000	1	2
16	Lerwick ...	1002·5	+14	NW	3	bc	49	75	8	7	4	1	2·3	4·6	1500	1	2
		1000·9	+16	NW	3	c	44	92	8	8	3	–	4·6	7·8	1500	1	
17	Blacksod Point	1003·2	+8	NW	1	c	47	65	9	5	–	–	10	10	2500	0	2
18	Malin Head ...	1004·0	+12	N	1	bc	47	97	8	7	–	–	4·6	4·6	2500	0	1
	Aldergrove ...	1003·7	+6	E'N	2	c	47	75	8	4	7	–	7·8	9+	4000	1	*
19	Birr Castle ...	1002·8	−2	S	1	c	50	55	8	5	7	–	7·8	9+	2500	1	*
20	Valentia Obsy. †	1001·4	−2	–	0	c	48	75	9	5	–	–	9+	9+	4000	1	2
	Roches Point	1001·9	−2	SE	3	bc	45	85	9	3	–	3	2·3	4·6	2500	1	2

PAST 24 HOURS.

Stations	Weather. 7h.—13h. ...11th. (37)	Weather. 13h.—18h. ...11th. (38)	Weather. 18h. 11th to 1h. 12th (39)	Weather. 1h.—7h. ...12th. (40)
London (Kew)	cbcc	cpr$_o$bcy	bcbw	bwcw
Croydon ...	r$_o$bccy	cybcy	bcbwbc	bc$_s$cz$_o$
S. Farnborough	bcvy	bccpyb	bybcc	bybcc
Boscombe Down	bcy	bcybc	bccpr$_o$	cpr$_o$c
Calshot (Sthmtn.)	bcb	b	bbwbc	bcc
Lympne ...	om$_o$pr	bcb	bw	bcwcw
Manston ...	rm$_o$bcy	prbcb	bw	cwc
Shoeburyness ...	ir$_o$cbc	ypbc	bcbw	bwm$_o$c
Felixstowe ...	cir$_o$bc	cybcv	bcb	bwcm$_o$
Gorleston ...	ozir$_o$q	cir$_o$z$_o$	bz$_o$zw	bcz$_o$qw
Mildenhall ...	cr$_o$cy	cycbc	bcbz$_o$	bxbcm$_o$
Cranwell ...	c	cz$_o$yc	cbcm	bcxm
Birmingham ...	cz	cz	cbc	bccm
Upper Heyford	cpr	cy	bcb	bccr$_o$
Ross-on-Wye	cbcc	bcycybcy	bcbbc	bcwcm$_o$
Portland Bill ...	bcc	c	orr	orr
Plymouth ...	bbcv⊕	bcvcr$_o$	cr$_o$r$_o$rrc	cr$_o$r$_o$ir$_o$
The Lizard ...	bcc	corr	orrbc	bc
Scilly (St. Mary's)	bcc⊕	cir$_o$r	crrir	bcwm$_o$
Guernsey ...	bc	bcor$_o$	or$_o$r$_o$pr	bcoR
Pembroke ...	bc	bcv	bcc	cr$_o$r$_o$m$_o$
Holyhead ...	c	c	cb	bwm$_o$
Chester (Sealand)	bbcwy	cyz$_o$	cz$_o$bmwx	bmFFx
Manchester ...	c	c	cbf	bffx
Spurn Head ...	prrr	orr	rdrn	prrr
Catterick ...	cvcyc	c	c	cor$_o$m$_o$
Tynemouth ...	oc	c	oir$_o$	orr
Inchkeith ...	c	c	co	oc
Leuchars ...	cbcc	cbcc	c	cbc
Renfrew (Abbotsl.)	bbccy	cybc	bcc	cm$_o$w
Eskdalemuir ...	bcvy	bccyc	c	c
Point of Ayre ...	bc	bcc	c	cbc
Tiree	bcb	b	bw	bbccw
Stornoway ...	bccpr$_o$	c	c	c
Dalwhinnie ...	c	c	c	c
Aberdeen ...	cvr$_o$cy	cyc	bcz$_o$bv	ycb
Lerwick ...	c	cbc	bcc	c
	frrdm$_o$	cdd	bc	bcw
Blacksod Point	c	c	bc	c
Malin Head ...	cbc	bc	bc	bcx
Aldergrove ...	bxcbc	cvyc	cbc	bcxbc
Birr Castle ...	cy	cy	cbc	bccx
Valentia Obsy. †	cvpr$_o$c	pr$_o$c	cbcb	bwbv
Roches Point	bcv	bcv	bcv	bcir$_o$v

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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 . . Ground dry.
1 . . ,, wet.
2 . . ,, flooded.
3 . . ,, frozen hard and dry.
4 . . ,, partly covered with snow or hail.
5 . . ,, covered with ice or glazed frost.
6 . . Ground covered with thawing snow.
7 . . ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 . . ,, covered with snow, less than 6 ins., but ground frozen.
9 . . ,, covered with snow greater than 6 ins. deep.

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

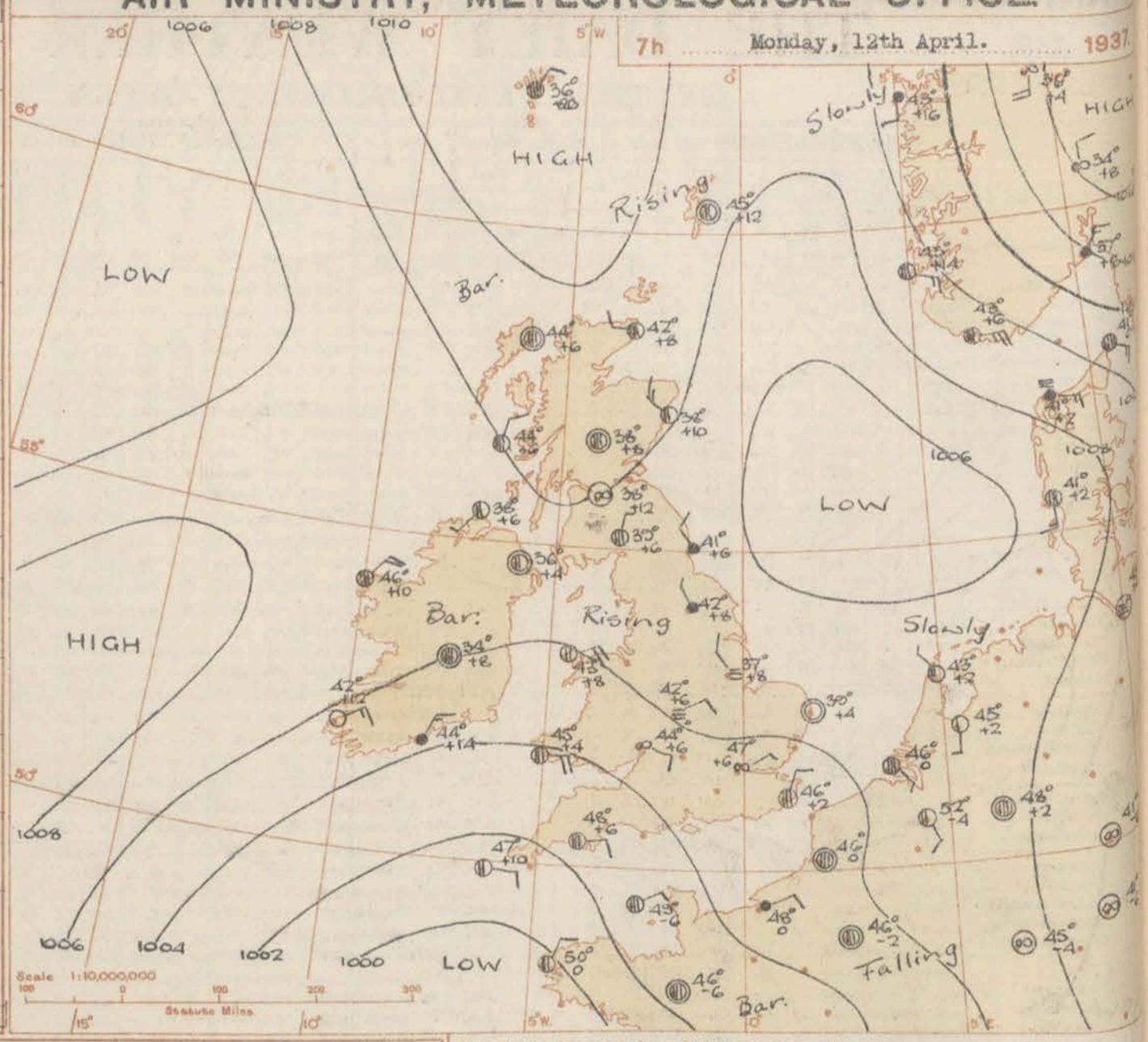
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for April 11th 1937.

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (°F) Min. 9h.–9h.	Temperature (°F) Max. 9h.–17h.	Rainfall (mm) Night. 17h.–9h.	Rainfall (mm) Day. 9h.–17h.	Sunshine (Hrs) Sunrise to 17h.	Sunshine (Hrs) Sunrise to Sunset.
1	Tunbridge W.	cp	bcb	43	58	5	Trace	6·4	1·5
	Bournemouth	b	b	44	57	4	–	10·3	1·5
	Ventnor ...	orb	bbc	45	54	5	–	10·1	0·4
	Southsea ...	b	b	45	57	4	–	10·2	0·1
	Bognor Regis	b	b	45	52	3	–	10·3	0·4
	Littlehampton	bc	bc	45	52	4	–	9·8	0·4
	Worthing ...	b	b	44	53	2	–	9·7	0·7
	Brighton ...								
	Eastbourne† ...	bbcb	b	45	55	1	–	8·7	3·4
	Hastings† ...	bcb	b	44	53	1	–	8·5	2·3
	Folkestone ...	cbccr	b	44	54	1	Trace	6·1	2·2
	Dover ...	bc	bcb	45	53	2	–	6·7	3·8
	Deal	rrcbc	crb	45	56	1	1	4·9	4·8
	Ramsgate ...	cbc	bccpbc	45	55	1	Trace	5·7	3·4
	Margate ...	cbc	bccp	45	55	1	Trace	4·5	2·7
2	Southend ...	cbcb	bbcpc	44	56	8	1	3·5	2·0
	Maldon ...	cbc	bcc	45	56	2	–	2·0	2·1
	Clacton-on-Sea	orc	cbcc	42	56	3	0·6	1·6	1·6
	Dovercourt ...	bcc	bc	44	58	–	–	2·6	1·1
	Lowestoft ...	oir°	oc	44	47	1	0·3	0·0	0·0
	Skegness ...	or°	r°o	43	48	3	1	0·0	
	Mablethorpe...	om°pr	orm°	42	47	1	2	0·0	0·0
	Cleethorpes ...	or	or	42	46	3	2	0·0	0·0
3	Leamington S.	cbc	bcc	44	55	8	–	0·9	0·3
4	Cheltenham†	cbccp	cbc	43	56	15	Trace	4·7	1·3
5	Bath	bbc	bcc	45	57	14	–	6·9	0·0
	Weymouth ...	b	b	44	55	Trace	–	10·3	0·7
	Jersey ...	bc	bcccd	46	55	1	Trace	4·4	2·5
	Torquay ...	wb	bbc	41	54	14	–	10·1	0·0
	Penzance ...	bcbc	bcrr	39	55	0·5	1	6·7	0·5
	St. Ives ...	b	b	42	54	–	–	7·8	0·0
	Bude... ...	bcp°	bcp	46	54	1	1	4·4	0·0
	Ilfracombe ...	orb	bcpbc	44	52	12	2	7·3	0·0
6	Aberystwyth	cbc	bc	45	52	–	–	9·4	0·4
7	Llandudno ...	c	c	42	48	1	–	0·2	0·1
	Colwyn Bay...	co	ocbc	40	48	–	–	0·1	0·3
	Rhyl	c	c	42	49	1	–	0·1	0·2
8	Wallasey ...	c	c	43	48	Trace	–	0·3	0·3
	Southport ...	c	cv	42	49	–	–	0·5	0·3
	Blackpool ...	c	c	43	48	–	–	3·1	0·9
	Morecambe ...	bcbbc	cbcc	41	48	–	–	3·7	1·0
9	Ilkley... ...	c	c	39	51	–	–	0·0	0·2
	Harrogate ...	c	c	40	49	–	–	0·0	0·8
10	Berwick-on-T.	or	ocbc	41	47	0·2	Trace	1·5	0·6
11	Dunbar ...	bcr°	bc	41	49	0·3	–	3·1	1·5
12	Troon... ...	bbcb	bcbcb	39	50	–	–	8·2	0·0
	Douglas ...	cbw	bc	36	52	–	–	7·1	2·5

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 12th April, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Easterly to variable wind, light to moderate; mainly fair; perhaps local thunderstorms; fog locally, night and morning; average temperature.
5 S.W. England ▲▼ 6 South Wales ... ▲	Moderate to fresh easterly wind, becoming variable; bright periods, local thundery showers; average temperature.
7 North Wales ... 8 N.W. England 9 N. Midlands 10 N.E. England	Light variable wind, becoming southerly to southwesterly; mainly fair; local fog, night and morning; average temperature.
11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	As 1–4 Light variable wind; occasional rain at first, fair periods later; local morning fog; rather low to average temperature.
13 A. W. Scotld. 13 B.N.W.Scotland.	As 8.
14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland 17 N. W. Ireland 18 N. E. Ireland	Moderate to fresh northeasterly wind, veering southwest; occasional local rain; average temperature.
19 S. E. Ireland ▲ 20 S. W. Ireland ▲	

GENERAL INFERENCE

A depression over the Bay of Biscay and a small anticyclone to the North of Scotland will each move eastwards. Apart from some slight rain in Northeast England and later local thunderstorms in the Midlands and Southern England weather will be mainly fair generally.

FURTHER OUTLOOK.

Changeable.

Times of issue of Gale Warnings.

▲ North Cone hoisted at 0430 on 12th in districts 5 (part of), 6, 19 and 20.

▼ South Cone hoisted at 0430 on 12th in district 5(part of).

Forecasts issued at 10.30 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.
Director.

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

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

Morning of

MONDAY,
12TH APRIL.

1937.

Mercator's Projection. Scale 1: 4x10⁷ 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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS:— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 12th April, 1937.
No. 27535.

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

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	1005·3	−2	–	0	c	44	85	8	–	3	–	0	7–8	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1006·3	−6	–	0	c	43	97	8	5	7	–	2–3	7–8	2500
	Manston ...	142	1006·1	+2	–	0	b	39	92	7	–	–	–	0	0	–
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1006·8	+2	–	0	b	40	97	6	–	–	–	0	0	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1003·4	−10	SE	3	c	48	92	7	5	–	–	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1001·2	+2	SSE	2	bc	49	97	8	5	–	–	4–6	4–6	2500
	Scilly (St.Mary's)	163	9998	+4	SSE	3	c	48	97	8	8	–	–	7–8	7–8	1500
	Guernsey ..	175	1004·5	−4	SSE	1	bc	48	97	6	–	2	–	0	4–6	–
6	Pembroke ...	142	1002·4	+2	E'S	3	c	47	85	7	5	–	–	9+	9+	2500
7	Holyhead ...	26	1005·0	+4	E'N	3	b	42	85	8	5	–	–	1	1	4000
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1006·0	+8	–	0	rr	43	97	7	5	–	–	10	10	800
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1006·0	+6	–	0	ir	43	92	6	–	2	–	10	10	1500
11	Inchkeith ...	190	1006·3	+10	NW	1	0	44	85	6	5	–	–	10	10	1500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1006·9	+8	W'N	1	c	45	97	8	–	7	–	0	7–8	–
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1007·1	+12	WNW	1	c	42	92	8	5	7	–	7–8	9	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1007·0	+16	W	2	c	38	97	8	8	7	–	4–6	7–8	1500
16	Lerwick ...	156	1005·7	+20	NW	3	bc	41	97	8	5	–	–	2–3	2–3	1500
17	Blacksod Point	18	1005·9	+10	E	1	c	46	75	7	5	–	–	10	10	800
18	Malin Head ...	84	1006·8	+6	SW	1	bc	38	97	7	5	–	–	2–3	2–3	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1003·3	+10	ENE	2	bc	43	92	8	4	–	–	2–3	2–3	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1005·5	+4	NE'E	2	z_o	49	75	6	5	–	–	9	9	4000	1	*
1005·4	+6	ENE	1	z_o	47	75	6	5	3	–	4–6	9+	4000	1	*
1005·2	+4	ENE	2	z_o	46	85	6	5	3	–	7–8	9+	5700	1	*
1004·9	+6	E'N	2	c	45	97	7	5	–	–	9+	9+	2500	1	*
1004·8	+8	E'N	2	c	48	92	7	5	3	6	4–6	7–8	4000	1	§
1005·8	+2	NNE	2	c	46	85	8	5	3	–	4–6	9	4000	1	§
1005·4	+2	NE	2	c	47	85	7	5	3	–	7–8	9	5700	1	*
1005·9	+2	N	1	c	45	92	6	5	7	–	7–8	10	4000	1	*
1006·0	+4	NE'N	2	z_o	44	92	6	5	3	–	7–8	9+	4000	1	2
1006·8	+2	–	0	bc	39	92	6	5	4	–	2–3	4–6	2500	1	1
1006·1	+6	–	0	z_o	39	97	5	5	3	–	2–3	7–8	4000	1	*
1007·1	+8	NW'N	2	bc∫+	37	92	3	7	3	1	2–3	4–6	2500	1	*
1006·8	+6	ENE	2	m	42	75	4	5	–	–	9+	9+	5700	1	*
1006·0	+8	E'N	1	r$_o$r$_o$	42	97	5	5	–	–	10	10	2500	1	*
1005·5	+6	ESE	2	z_o	44	92	5	5	2	–	2–3	10	1500	1	*
1003·5	+6	E	3	rr	47	92	8	5	–	–	10	10	1500	2	3
1002·9	+6	E	2	c/r	48	97	7	5	2	–	9	9+	1500	1	1
1001·9	+6	ENE	2	bc	47	97	8	5	7	–	2–3	4–6	2500	1	2
1001·4	+10	E'S	2	j∫	47	97	5	5	–	–	4–6	4–6	450	1	2
1002·6	−6	ENE	1	c	49	97	8	8	3	–	7–8	9+	2500	2	2
1002·8	+4	E	4	c/r	45	97	5	5	–	–	10	10	2500	1	2
1005·4	+8	E'N	4	b	43	85	6	5	–	–	1	1	4000	1	2
1006·6	+10	–	0	bF−	30	97	1	–	–	–	0	0	–	3	*
1006·9	+8	NE	2	bc∫	33	85	3	–	–	1	0	2–3	–	1	*
1006·4	+8	NNW	3	r$_o$r$_o$	41	92	7	5	2	–	4–6	10	1500	1	2
1007·5	+8	NNW	1	r$_o$r$_o$	42	97	5	6	2	–	4–6	10	800	1	*
1007·0	+6	NW	2	rr	41	97	6	–	2	–	10	10	800	1	1
1007·6	+16	N	2	c	42	97	8	5	9	–	4–6	10	4000	0	1
1007·1	+10	–	0	c	41	92	8	–	7	–	0	7–8	–	1	*
1007·9	+12	–	0	z_c	38	97	5	5	–	–	9+	9+	5700	0	*
1007·7	+6	NNE	1	c	39	85	7	5	7	6	2–3	7–8	5700	1	*
1007·0	+10	E'N	2	bc	43	97	8	–	–	2	0	2–3	–	1	1
1007·7	+6	NNE	2	c	44	92	8	5	3	–	2–3	7–8	2500	0	2
1008·7	+6	–	0	c	44	75	9	5	7	–	7–8	7–8	4000	1	0
*	+8	–	0	c	38	85	8	7	–	–	10	10	4000	0	*
1008·5	+10	NW'W	3	bc	38	92	8	5	3	–	1	2–3	5700	1	1
1008·5	+8	W	2	c	42	92	8	5	–	–	9	9	1500	1	2
1008·2	+12	–	0	bc	45	85	8	5	–	–	2–3	2–3	1500	1	*
1007·1	+10	NE	4	c	46	85	9	4	3	–	4–6	7–8	2500	0	3
1007·9	+8	SW	1	bc	38	97	7	8	4	9	1	2–3	2500	0	1
1007·5	+4	–	0	c	36	92	9	5	7	6	Tr	7–8	<150	1	*
1006·1	+8	–	0	c	34	97	8	5	–	–	7–8	7–8	4000	1	*
1005·6	+12	ENE	3	b	42	65	9	1	4	–	Tr	Tr	4000	1	2
1004·5	+14	NE	3	ir$_o$	44	65	9	5	7	–	2–3	9	1500	1	2

PAST 24 HOURS.

District	Stations (Fox heights sec	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 (18h Hrs. (36)
1	London (Kew)	57	43	32	Tr.	–	6·4
	Croydon	58	43	39	0·3	–	6·2
	S. Farnboro	60	44	31	–	Tr.	9·3
	Calshot (Sth	56	42	40	–	0·2	10·5
	Lympne	55	47	45	–	–	11·6
	Manston	54	42	33	1	Tr.	8·0
2	Shoeburyness	56	38	31	0·1	Tr.	5·5
	Felixstowe	58	39	31	1	–	3·2
	Gorleston	55	37	30	Tr.	–	2·2
	Mildenhall	48	38	36	1	–	0·0
	Cranwell	54	34	29	Tr.	Tr.	0·2
3	Birmingham	49	36	27	–	–	0·0
	Upper Heyf	53	40	30	–	–	0·6
4	Ross-on-Wy	55	39	34	0·1	0·1	*
5	Portland Bi	56	41	31	–	–	5·6
	Plymouth	54	46	*	–	2	*
	The Lizard	53	47	46	Tr.	6	8·8
	Scilly (St.Ma	54	45	*	2	7	*
	Guernsey	54	46	*	0·4	2	6·3
6	Pembroke	55	47	45	0·2	11	6·8
7	Holyhead	52	43	*	–	0·6	11·1
8	Chester(Seal	49	41	33	–	–	1·0
	Manchester	50	29	23	–	–	0·5
10	Spurn Head	49	32	24	–	Tr.	0·0
	Catterick	45	40	*	4	5	0·0
	Tynemouth	51	41	37	–	1	0·1
11	Inchkeith	46	41	40	–	9	0·3
	Leuchars	55	40	38	–	–	6·6
12	Renfrew (Abb	53	40	35	–	–	3·2
	Eskdalemui	52	37	32	–	–	8·4
	Point of Ay	51	36	33	–	–	3·3
13A	Tiree ...	52	39	–	–	–	5·4
13B	Stornoway	51	40	33	–	–	10·2
15	Dalwhinnie	55	42	*	Tr.	–	10·4
	Aberdeen	51	36	33	–	–	5·6
	Wick	52	35	31	Tr.	–	1·6
16	Lerwick	51	38	*	–	–	*
17	Blacksod P	49	42	*	–	–	*
18	Malin Head	50	37	*	–	–	5·0
	Aldergrove	52	33	29	–	–	5·4
19	Birr Castle	54	33	23	–	–	1·0
20	Valentia O	51	39	30	Tr.	Tr.	1·1
	Roches Po	50	42	*	–	Tr.	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h. (To-day.)
Kew	18	cbcc	cpr$_o$bcy	bcbw	57	43	32	Tr	–	6·4	*	*	5
Croydon	217	r$_o$r$_o$bcy	cybcy	bcbwbc	58	43	39	0·3	–	6·2	*	*	6
Greenwich (Royal Observatory) ...	149	cp$_o$	cp$_o$	bwcm	59	40	28	Tr	–	3·9	56	74	4
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	4·4	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	57	44	38	–	–	5·0	7	69	*
Regents Pk. (Botanic Gardens)‡ ...	168	*	*	*	58	44	43	–	–	5·9	89	73	*
Camden Square	110	bc	c	*	59	45	36	–	–	*	*	71	*
Kensington	80	bcy	bcy	*	58	43	34	–	–	4·9	53	74	*
Hampstead Observatory	440	bcp	bc	c	50	41	31	Tr	–	7·1	*	73	*

At 18h.

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 12th

South Kensington. Max.	Time.	Min.	Time.
0·3	18·21h 11th	<0·3	1·4h 12th

Kew Observatory. Max.	Time.	Min.	Time.
0·2	20h 11th	<0·1	7–17h 11th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. April 11th. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. April 12th. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1007·0	–	0	ir$_o$	54	1006·0	–	0	c	46
Brussels	1006·3	–	0	bc	52	1006·2	SSE	2	b	52
Berlin	1007·4	NW	1	bc	50	1009·8	NW	3	m	46
Zürich						1008·7	SE	1	c	43
Rome	1012·7	SSE	3	c	59	1010·1	ENE	2	c	54

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
59	43	5	0·2
55	41	3	3
52	46	*	–
*	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.

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. George C. Simpson, K.C.B., D.Sc., F.R.S., Director.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 13th April, 1937.
No. 27536.

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

District.	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	°Temp. (6)	%Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base (feet) (14)
1	London (Kew)	1005·4	-2	NE'E	3	z_o	55	65	6	5	1	–	9+	10	2500
	Croydon ...	1004·6	-4	NE'E	3	z_o	57	65	6	2	–	6	4-6	9+	5700
	S. Farnborough	1004·6	-2	ENE	3	z_o	58	55	6	7	3	–	4-6	7-8	4000
	Boscombe Down	1004·7	-4	NE'E	2	c/r	55	66	6	8	7	–	7-8	9+	1500
	Calshot (Shmtn.)	1004·7	-2	ESE	3	c	50	37	7	8	7	8	1-6	10	4000
	Lympne ...	1005·5	0	NE'N	3	bc	56	75	8	2	3	3	1	4-6	4000
	Manston ...	1005·3	-2	NE'E	4	c	51	85	8	1	4	6	2-3	7-8	4000
2	Shoeburyness ...	1006·5	+2	NE'E	4	c	50	85	6	–	7	6	0	9	--
	Felixstowe ...	1006·7	-2	NE'E	4	bc	51	75	6	5	–	6	2-3	4-6	5700
	Gorleston ...	1007·5	0	NNE	2	bc	47	85	7	2	4	–	2-3	2-3	2500
	Mildenhall ...	1006·0	-6	N'E	3	z_o	56	55	6	2	4	1	4-6	7-8	4000
	Cranwell ...	1007·5	0	NW	2	c	45	85	7	7	4	–	9+	9+	2500
3	Birmingham ...	1006·1	-2	ENE	3	c	52	65	6	1	–	–	9	9	2500
4	Upper Heyford	1006·5	-2	E'N	2	z_o	54	65	6	3	–	–	9+	9+	4000
	Ross-on-Wye	1005·8	-4	ENE	3	c	52	65	6	5	–	–	10	10	2500
5	Portland Bill ...	1003·6	0	E	3	c	50	92	7	4	–	–	10	10	2500
	Plymouth ...	1003·4	-2	ENE	3	c/r	54	75	8	5	7	–	2-3	9+	4000
	The Lizard ...	1004·3	+6	NE'E	3	c	55	85	8	8	6	1	4-6	7-8	2500
	Scilly (St. Mary's)	1005·3	+6	NE	3	bc	54	65	8	2	3	–	2-3	4-6	2500
	Guernsey ...	1002·6	+2	ENE	4	bc	53	85	9	8	1	–	4-6	4-6	2800
6	Pembroke ...	1004·1	0	SE'S	2	c	50	85	7	9	–	–	9+	9+	2500
7	Holyhead ...	1006·5	0	NE	4	z_o	51	75	6	–	3	–	0	4-6	–
	Chester (Sealand)	1006·4	-4	NNE	3	z_o	55	55	5	5	–	–	9	9	4000
8	Manchester ...	1007·5	+2	NE'E	3	z_o	47	75	5	5	3	–	2-3	7-8	4000
10	Spurn Head ...	1007·0	-4	NW	3	c	47	92	7	9	–	–	10	10	800
	Catterick ...	1007·7	-6	NW'W	2	c	45	85	7	5	7	–	9	10	2500
	Tynemouth ...	1007·4	0	N	4	c/r	45	97	6	6	2	–	4-6	10	1500
11	Inchkeith ...	1008·2	+4	NE	2	c	47	79	8	5	–	–	9+	9+	4000
12	Leuchars ...	1008·7	0	E	2	c	52	56	8	7	3	–	4-6	7-8	4000
	Renfrew (Abbotsl.)	1008·6	+2	NE	2	c	52	65	7	5	1	–	9	9+	4000
	Eskdalemuir ...	1008·1	+2	NE'E	4	c	48	65	8	3	2	–	9	10	4000
	Point of Ayre ...	1006·2	0	SE'E	1	c	50	85	6	–	4	–	0	7-8	–
13A	Tiree	1008·6	0	NE'N	2	b	49	75	9	2	4	–	Tr	Tr	4000
13B	Stornoway ...	1009·7	+2	NE	3	c	48	65	8	5	7	–	4-6	7-8	4000
15	Dalwhinnie ...	*	+4	NE	2	c	48	45	8	7	–	–	9+	9+	4000
	Aberdeen ...	1009·0	+6	NNE	3	c	47	85	6	7	5	–	7-8	7-8	4000
16	Lerwick ...	1009·2	+2	NNE	2	c	47	85	8	8	7	–	4-6	9	1500
17	Blacksod Point	1007·6	-6	S	2	bc	47	85	8	8	7	–	2-3	4-6	2500
18	Malin Head ...	1006·4	0	N	3	c	50	75	9	4	3	–	2-3	7-8	2500
	Aldergrove ...	1008·6	+2	NNW	1	b	47	97	8	2	–	–	1	1	2500
19	Birr Castle ...	1008·0	-2	NE'N	2	bc	52	65	9	7	–	2	4-6	4-6	4000
20	Valentia Obsy. †	1007·0	+2	W	1	c	50	65	8	5	–	–	9+	9+	4000
	Roches Point	1007·0	+6	NE'N	3	c	55	55	9	1	–	2	Tr	7-8	4000
		1006·2	+6	E	3	c	53	65	8	8	1	–	4-6	7-8	2500

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	°Temp. (20)	%Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1005·3	+4	ENE	3	z_o	54	63	5	5	3	–	7-8	7-8	2500	2	*
1005·1	+6	ENE	4	z_o	51	75	6	–	4	–	0	4-6	--	1	*
1005·0	+6	ENE	3	z_o	54	63	6	4	3	–	Tr	4-6	5700	1	*
1004·4	+2	NE'E	2	z_o	54	75	6	5	7	–	7-8	9	4000	1	*
1004·4	-2	NE'N	3	c/fp	54	85	7	8	7	–	4-6	9+	2500	1	2
1005·3	+4	NNE	5	bc	50	75	7	5	3	–	4-6	4-6	7200	1	2
1005·4	0	NE'E	4	bc	48	85	7	–	7	–	0	4-6	–	1	*
1006·3	+6	NE	4	bc	47	85	7	–	4	–	0	2-3	–	1	*
1006·6	0	NE'N	3	b	47	75	8	–	4	8	0	1	–	1	2
1007·3	+2	N'E	2	b	45	85	7	–	–	–	0	0	–	0	2
1006·6	+4	N'E	2	z_o	52	65	6	4	–	–	7-8	7-8	4000	0	*
1007·2	+2	NNW	2	bc	48	75	7	8	3	–	4-6	4-6	2500	1	*
1006·4	+2	ENE	3	b	50	55	6	–	1	–	0	1	–	1	*
1006·6	+6	NE	2	z_o	51	75	6	5	3	–	4-6	9	7200	1	*
1005·3	-4	NE'E	3	z_o	53	75	5	5	–	–	10	10	4000	1	*
1003·4	-8	ENE	3	c	50	92	7	4	–	–	10	10	2500	1	3
1004·1	+6	NE	3	c	55	75	8	8	3	8	2-3	7-8	4000	1	1
1004·1	+4	N	3	c	51	85	8	8	6	–	7-8	9	2500	1	2
1004·8	+8	N'E	3	bc	50	85	8	2	4	3	4-6	4-6	2500	1	2
1002·5	0	ENE	3	c	50	92	7	5	2	–	7-8	10	4000	1	2
1005·4	+2	N'E	3	c	51	75	7	5	6	–	7-8	9+	2500	1	2
1007·2	+4	ENE	3	c	46	75	8	–	8	7	0	7-8	–	0	2
1007·0	+6	NNE	1	z_o	51	75	5	5	–	–	4-6	4-6	7200	1	*
1007·3	+6	ENE	3	z_o	49	65	5	5	3	–	2-3	4-6	4000	1	
1007·2	0	N'W	3	o	44	97	6	5	–	–	10	10	800	0	2
1007·7	+2	NE	2	c/pr	45	85	6	9	7	–	4-6	10	2500	1	*
1007·4	0	N	4	c/r	42	97	6	–	2	–	10	10	800	1	2
1008·7	-2	ESE	2	c	46	85	6	5	6	–	4-6	7-8	2500	0	2
1008·0	+2	E	2	c	47	75	8	5	3	–	7-8	9+	4000	1	*
1008·2	+4	–	0	z_o	52	65	6	5	–	9	9	9	4000	0	*
1008·2	+2	NE	3	c	47	65	8	5	–	–	9	9	4000	1	*
1008·0	0	N'E	1	c	47	85	6	–	5	–	0	7-8	–	0	1
1008·5	0	ENE	1	b	47	85	8	–	4	–	0	Tr	–	0	1
1009·5	-2	ENE	3	bc	48	65	9	5	7	–	2-3	4-6	4000	1	1
*	+2	NE	4	bc	45	55	6	4	6	–	2-3	4-6	4000	0	
1009·3	+6	N	3	c	48	65	8	5	–	–	7-8	7-8	7200	1	2
1009·2	+2	SSW	2	c	45	92	8	8	8	3	4-6	7-8	1500	1	2
1009·1	+10	SSW	3	c	44	92	8	8	7	–	4-6	7-8	800	0	
1008·3	-0	N	2	bc	50	75	9	4	3	–	2-3	4-6	2500	0	2
1009·2	+2	NNW	1	bc	46	97	8	2	–	–	2-3	2-3	2500	0	1
1008·1	+2	E	2	c	50	65	8	5	–	–	7-8	7-8	5700	1	
1007·0	-2	W	1	bc	55	55	8	1	–	–	4-6	4-6	4000	1	*
1007·7	+8	NW'N	3	c	52	55	9	3	–	–	9+	9+	4000	1	2
1007·3	+6	ESE	3	bc	49	65	7	–	–	3	0	2-3	–	1	3

PAST 24 HOURS.

Weather. 7h.—13h. ...12th. (37)	Weather. 13h.—18h. ...12th. (38)	Weather. 18h. 12th to 1h. 13th (39)	Weather. 1h.—7h. ...13th (40)
cz_o	cz_o	cbc b z_o	cm_o
bcz z_o	cz_o bc	bcz $_o$ wm	bw cm ir $_o$
bcm $_o$ z y	cz_o y bc	bcz $_o$ bm $_o$	bm cm r $_o$ c
c ir $_o$ bc	cir $_o$ c	cm_o	cm_o
cm_o c	cbc bbc	bc cm RR	
c	cm_o c	cbc bbc	bc cm RR
cbc	bc	bc bw	b cir $_o$ mb
cbcc	cbc	bcb	bcc
cbc cm $_o$	cbcm $_o$ b	bw	bw cm $_o$
c bc	bc b	b	b c m cm $_o$
bcz $_o$	bcb	boffe	o f o
bcm $_o$ bc	bcyz $_o$	bcz $_o$ b	b c w
bcfm cm $_o$	c	bcbbc	bccw
mcb	bc	b	b c f
cr $_o$ c	cm_o c	cbcbm $_o$	b c f o m $_o$
$cm_o z_o$	cz_o	cz bm $_o$	bm w c f
o 1 1 c	c	bco	o
cr $_o$ o m $_o$ c	c	c	cz_o
bcc	c p r c	cbc	bc p r $_o$
c f bc	c i r bc	bc c w	bc w c
bc	bcc	c p r $_o$	c o r r
m $_o$ i r o c	cm_o c	cbcc	cm_o c
b f bcz $_o$	bcz $_o$	c, bcm $_o$	bcm $_o$
bf bcz $_o$ y	cz_o	bcz $_o$ bwm	bmw Fx
b f bcm z_o	bcz $_o$	bcz mff	bccff
ro	o	oc	cdff
or $_o$ r o m $_o$ c	c q p r o m $_o$	r $_o$ r o m $_o$ o	odd $_o$ m $_o$
orri $_o$	oi $_o$	oirff	affo
cbcc	c	c	c o f
bcbcy	bcyc	c	cr $_o$ o m m
z f $_o$ yc	ccycz $_o$	cz $_o$ m z $_o$	cm_o
ccy	cyc	c	c o i d $_o$
bcc	c	co	or $_o$ r
cbcb	b	bw	bcc
c	cbc	bcc	c
c	cbc		c
bbybc	c	cor $_o$	r o f
c	c	c	odd m m
bc	bcc	odd $_o$ m $_o$	com $_o$
bc	bc	bc	c
bc	bc	bc	c
bc	cbcyc	cb	bwc
c	cbcy	bc	bccx
bbccby	cvy	cybcb	bbcc
cir $_o$ yc	cbc	bccw	cwc

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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. ,, wet.
2 .. ,, flooded.
3 .. ,, frozen hard and dry.
4 .. ,, partly covered with snow or hail.
5 .. ,, covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 .. ,, covered with snow, less than 6 ins., but ground frozen.
9 .. ,, covered with snow greater than 6 ins. deep.

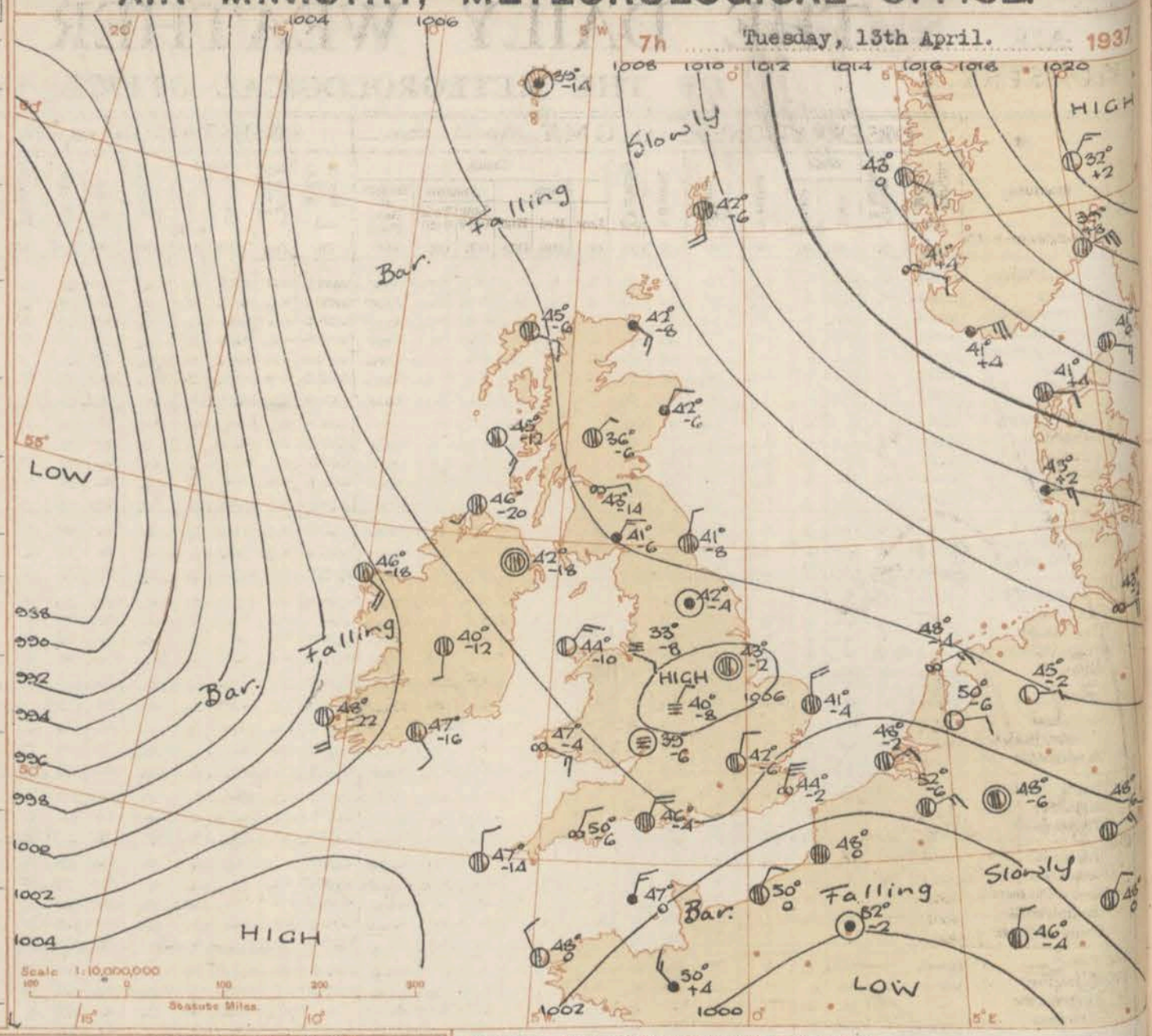
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for April 12th 1937.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (°F.) Min. 9h. 11th to 9h. 12th	Temperature (°F.) Max. 9h.—17h. 12th.	Rainfall (in.) Night. 17h. 11th to 9h. 12th	Rainfall (in.) Day. 9h.—17h. 12th	Sunshine (Hrs.) Sunrise to 17h. 12th	Sunshine (Hrs.) Sunrise to Sunset. 11th.
1	Tunbridge W.	bc	bcb	38	59	—	—	5·6	7·6
	Bournemouth	oc	coc	45	59	1	—	0·5	10·9
	Ventnor ...	pobo	oboc	46	55	Trace	Trace	1·4	10·8
	Southsea ...	cbc	bc	47	58	0·3	—	0·9	11·3
	Bognor Regis	bcebc	bc	46	59	—	—	3·6	11·7
	Littlehampton	bcc	cbc	44	59	—	—	4·0	11·2
	Worthing ...	bbcb	cb	45	59	—	—	5·8	11·0
	Brighton ...	cbc	cbc	45	60	—	—	5·2	*
	Eastbourne† ...	b	b	46	56	Trace	—	8·5	9·9
	Hastings† ...	bbc	bcbbc	45	60	—	—	9·5	9·8
	Folkestone ...	bcb	cbbc	43	56	—	—	6·5	7·1
	Dover ...	bc	bc	45	57	—	—	6·2	7·7
	Deal	cobcc	bcbbc	46	56	—	—	5·7	6·0
	Ramsgate ...	cbc	bc	44	52	—	—	5·8	6·4
	Margate ...	bcc	bc	42	51	—	—	5·3	5·3
2	Southend ...	acb	bcb	43	55	—	—	5·7	3·7
	Maldon ...	oc	bcb	37	52	—	—	3·0	2·0
	Clacton-on-Sea	cbc	bcb	42	51	0·3	—	4·7	1·6
	Dovercourt ...	bccoc	bc	40	51	—	—	5·8	2·6
	Lowestoft ...	b	b	36	50	—	—	10·6	0·0
	Skegness ...	ero.c	coc	39	48	—	0·1	0·4	0·0
	Mablethorpe...	orm.c	co	40	48	2	0·3	0·3	0·0
	Cleethorpes ...	o	oc	40	48	4	—	0·0	0·0
3	Leamington S.	cbcc	co	39	55	—	—	0·1	0·9
4	Cheltenham†	oc	c	41	56	Trace	—	0·0	5·1
5	Bath	p.cbc	bccp.	44	57	Trace	Trace	0·5	7·2
	Weymouth ...	rrc	rre	47	54	3	0·3	0·1	11·0
	Jersey ...	rcbc	c	47	59	3	—	5·7	4·4
	Torquay ...	roc	cbcc	47	55	6	1	1·2	10·1
	Penzance ...	bcbbc	bcr.c	46	57	7	Trace	5·2	6·7
	St. Ives ...	b	pr	46	56	7	0·3	3·4	7·8
	Bude... ...	r.c	r.c	47	54	4	0·5	0·0	4·6
	Ilfracombe ...	odro	rocbc	*	52	5	1	2·4	8·0
6	Aberystwyth	cir.c	cpz	42	55	Trace	—	0·0	10·9
7	Llandudno ...	z.b	bbc	35	50	—	—	8·9	0·2
	Colwyn Bay...	bcb	bccbc	35	49	—	—	3·0	0·1
	Rhyl	bm.	bbcm.	32	52	—	—	7·5	0·1
8	Wallasey ...	mcbc	bcc	35	54	—	—	4·3	0·3
	Southport ...	bccbc	bccbc	35	55	—	—	7·2	0·5
	Blackpool ...	bc	cbc	34	52	—	—	5·7	3·1
	Morecambe ...	bccbc	cbcc	38	51	—	—	1·7	3·7
9	Ilkley... ...	cpc	co	37	49	0·4	0·6	0·0	0·0
	Harrogate ...	cr.	c	40	46	1	0·4	0·1	0·0
10	Berwick-on-T.	c	o	41	45	—	—	0·0	1·6
11	Dunbar ...	bcx	bc	36	47	—	—	0·2	3·9
12	Troon... ...	bbcc	coc	36	53	—	—	0·8	8·5
	Douglas ...	bcz.	bcz.	37	52	—	—	10·9	7·6

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



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 13th April, 1937.
1 S.E. England 2 E. England ...	Variable light winds, dull with slight rain locally at first, mainly fair later; morning mist or fog locally; average temperature.
3 E. Midlands ... 4 W. Midlands ...	Variable to southerly winds; bright periods; local morning fog; average temperature.
5 S.W. England 6 South Wales ... 7 North Wales ...	Variable to southwesterly winds, light, freshening; bright periods at first, perhaps rain late in period; average temperature.
8 N.W. England 9 N. Midlands ...	As 3 - 4.
10 N.E. England 11 S.E. Scotland	Winds between east and south, light to moderate; local drizzle and mist at first, mainly fair later; average temperature.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. / B.N.W.Scotland.	Variable to southerly winds, light, becoming moderate to strong; bright periods at first, occasional rain later; average temperature.
14 Mid Scotland	As 5 - 7.
15 N. E. Scotland	As 10 - 11.
16 Orkney and Shetland	As 12 - 13B.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Southerly winds, moderate to strong; bright periods at first, rain later; average temperature.

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

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~ Rough ≈≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A deep depression to the southwest of Iceland is moving slowly eastwards and another shallow depression over France is almost stationary. Mainly fair weather will continue in most districts but later rain is expected to spread in over western and northwestern areas and gradually extend northeast.

FURTHER OUTLOOK.

Bright periods.

Forecasts issued at 10.40 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S. Director.

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

Morning of

TUESDAY,
13TH APRIL.
1937.

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

Statute Miles 0 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 13th April, 1937.
No. 27536.

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

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	1005·8	-2	NE'E	2	Z_o	41	92	6	-	-	4	0	1	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1004·6	-8	NNE	5	b	44	85	8	-	7	-	0	1	-
	Manston ...	142	1004·9	-8	NNE	4	c	45	85	8	5	-	-	7-8	7-8	4000
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1007·4	+2	N'E	2	f	42	92	2	-	-	-	10	10	<150
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1003·7	-2	NE	4	c	48	85	7	5	-	-	9	9	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1004·8	-4	N'W	3	bc	48	92	8	4	-	-	4-6	4-6	2500
	Scilly (St. Mary's)	163	1005·9	-2	N'W	3	bc	47	97	7	5	-	-	2-3	2-3	2500
	Guernsey ..	175	1002·5	0	NE	4	c/pr	48	92	6	8	-	-	10	10	2500
6	Pembroke ...	142	1005·9	+2	E	2	c	48	92	7	5	-	-	9	9	2500
7	Holyhead ...	26	1006·8	-6	E	3	bc	44	97	6	-	-	2	0	2-3	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1006·6	0	NNW	2	c	43	97	7	5	2	-	4-6	10	4000
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1007·3	-2	N	3	cf	42	97	3	-	2	-	10	10	800
11	Inchkeith ...	190	1009·1	0	NNE	1	c	43	92	8	5	-	-	7-8	7-8	2500
	Leuchars ...	38	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1007·6	+2	E'N	2	c	46	92	8	-	2	-	0	10	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1008·2	-8	SSE	1	c	44	85	8	5	7	-	7-8	9	4000
15	Dalwhinnie ...	1178	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1009·4	-6	NNE	2	c	43	97	8	5	2	-	7-8	10	1500
16	Lerwick ...	156	1010·7	+2	SSW	4	$d_o d_o$	42	97	6	5	-	-	10	10	220
17	Blacksod Point	18	1006·2	-12	-	0	c	43	85	8	5	-	-	7-8	7-8	2500
18	Malin Head ...	84	1007·3	-10	N	1	c	45	92	7	4	-	-	7-8	7-8	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1006·9	-6	-	0	0	47	85	8	5	-	-	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 * (30)
1004·6	-6	NNE	3	Z_o	41	92	6	5	-	-	10	10	1500	2	*
1004·2	-6	NNE	2	c/r	42	92	5	5	3	-	4-6	9+	800	1	*
1004·4	-2	N	2	r.r.	42	92	5	5	2	-	7-8	10	1500	1	*
1004·4	-4	NNE	3	Z_o	42	85	6	5	7	-	4-6	10	2500	1	*
1004·3	-2	N	2	r.r.	45	97	6	5	7	-	4-6	10	4000	1	2
1003·5	-2	N'E	5	Z_o	44	92	6	5	7	-	7-8	10	450	1	3
1003·5	0	NNE	4	c	44	92	7	5	-	-	10	10	450	1	*
1004·3	-16	N'W	3	c	42	97	6	5	-	-	9+	9+	4000	1	*
1004·8	-16	N'W	3	Z_o	41	97	6	5	-	-	9+	9+	450	1	2
1005·6	-4	N	4	o	41	92	6	5	-	-	10	10	2500	0	2
1005·4	-10	N'E	2	Z_o	42	97	5	5	-	-	10	10	800	1	*
1006·3	-2	-	0	c	43	92	6	5	-	-	10	10	2500	1	*
1006·0	-8	NE	1	cf	40	92	3	5	1	-	2-3	7-8	2500	1	*
1005·8	-6	NE	2	Z_o	41	92	6	5	-	-	10	10	450	1	*
1005·8	-6	-	0	cf	39	97	3	5	-	-	9	9	800	1	*
1003·0	-4	NE	4	o	46	92	7	5	-	-	10	10	1500	1	3
1003·6	-6	NE'N	2	Z_o	50	65	6	5	7	-	7-8	9+	5700	1	1
1004·1	-6	N'E	2	c	49	85	7	8	6	-	9	10	1500	1	2
1003·7	-14	N	2	c	47	92	7	5	4	-	4-6	7-8	2500	1	2
1002·3	0	NE'N	3	rr	47	97	6	5	-	-	10	10	1500	1	3
1003·4	-4	ESE	3	Z_o	47	85	6	5	2	-	7-8	9+	2500	1	1
1004·3	-10	NE'E	3	bc	44	92	5	-	8	-	0	4-6	-	1	1
1005·9	-8	SE	1	bF	33	97	1	-	-	-	0	0	-	1	*
1006·2	-10	-	0	cF	41	97	3	5	3	-	4-6	9	1500	1	*
1005·9	-8	NE'E	2	cf	42	97	3	5	-	-	10	10	<150	1	2
1005·8	-4	-	0	$d_o d_o$	42	97	5	5	-	-	10	10	220	1	*
1006·2	-8	NNE	1	o	41	97	5	5	-	-	10	10	800	1	1
1004·6	-12	SE	3	c	45	85	7	5	-	-	9+	9+	4000	0	2
1005·5	-6	ESE	2	c	45	85	8	5	7	-	7-8	9+	4000	1	1
*	-6	NE	1	c	36	85	8	5	6	-	7-8	10	2500	0	*
1007·6	-6	NE	2	$i d_o$	42	97	4	5	-	-	10	10	<150	1	1
1007·4	-8	SE	3	$d d_o$	42	97	4	5	-	-	10	10	220	1	2
1009·9	-6	S	4	o	42	92	6	5	-	-	10	10	450	1	*
1001·4	-18	SE	4	c	46	75	8	-	7	-	0	7-8	-	0	3
1004·4	-20	SW	1	c	46	92	7	4	-	-	7-8	7-8	2500	0	1
1004·9	-18	-	0	cjf	42	92	7	-	7	-	0	9+	-	1	*
1003·6	-12	S	1	c	40	97	8	5	-	-	10	10	2500	1	*
1001·3	-22	SSE	4	c	48	85	8	5	-	-	10	10	1500	1	2
1002·9	-16	SE	2	c	47	92	7	5	1	-	4-6	10	1500	1	2

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sun shine 12h Hrs (36)
1	London (Kew)	57	41	39	-	-	4·7
	Croydon	58	41	37	-	Tr	4·3
	S. Farnborough	60	41	35	-	Tr	3·1
	Boscombe Down	56	40	37	Tr	-	1·2
	Calshot (Sthmtn.)	54	44	43	-	3	0·9
	Lympne	57	43	41	-	0·2	9·8
	Manston	54	43	42	-	-	6·9
2	Shoeburyness	53	40	34	-	-	7·0
	Felixstowe	51	39	38	-	-	6·3
	Gorleston	48	40	39	-	-	11·4
	Mildenhall	53	38	33	-	Tr	5·8
	Cranwell	50	41	31	-	-	2·3
3	Birmingham	54	37	27	-	-	1·0
	Upper Heyford	54	37	34	1	-	*
4	Ross-on-Wye	54	37	29	-	-	0·0
5	Portland Bill	53	46	*	0·6	-	*
	Plymouth	57	50	46	1	-	0·9
	The Lizard	54	48	*	1	0·1	*
	Scilly (St. Mary's)	55	46	*	1	-	5·6
	Guernsey	54	47	45	-	2	6·9
6	Pembroke	53	46	*	0·3	-	0·2
7	Holyhead	52	43	38	-	-	10·9
	Chester (Sealand)	56	31	26	-	-	4·9
8	Manchester	52	35	28	-	-	4·4
10	Spurn Head	47	41	*	1	0·6	0·0
	Catterick	48	42	42	2	1	0·0
	Tynemouth	44	40	40	1	2	0·0
11	Inchkeith	53	40	39	-	-	5·6
	Leuchars	54	41	39	-	0·2	5·7
12	Renfrew (Abbotsl.)	54	41	38	-	-	0·1
	Eskdalemuir	50	40	39	-	Tr	0·1
	Point of Ayre	52	43	*	-	0·3	9·7
13A	Tiree	51	36	33	-	-	8·8
13B	Stornoway	50	40	*	-	-	5·6
15	Dalwhinnie	53	33	27	-	-	5·0
	Aberdeen	51	41	41	-	1	6·7
	Wick	49	42	*	-	0·4	*
16	Lerwick	48	41	*	-	0·3	9·7
17	Blacksod Point	50	40	*	-	-	*
18	Malin Head	49	43	*	-	-	11·1
	Aldergrove	54	39	34	-	-	8·4
19	Birr Castle	57	35	26	-	-	8·2
20	Valentia Obsy. †	56	41	34	-	-	9·0
	Roches Point	53	43	*	-	Tr	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T %	Humidity. 9h. G.M.T %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	cz_o	cz_o	$cbcbz_{qm}$	57	41	39	-	-	4·7	*	*	5
Croydon	217	bcz_ocz_o	cz_obc	bcz_{wm}	58	41	37	-	Tr	4·3	*	*	4
Greenwich (Royal Observatory) ...	149	cbc ⊕	cr_obcb	bcm_o	58	39	35	Tr	-	5·2	59	88	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	4·8	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	58	42	40	-	-	4·6	53	84	*
Regents Pk. (Botanic Gardens)† ...	168	*	*	*	59	40	34	-	-	4·3	69	92	*
Camden Square	110	cbcc	cbcc	*	60	41	35	-	-	*	*	84	*
Kensington	80	cobc	bc	*	58	41	37	-	-	3·9	At 18h. 63	86	*
Hampstead Observatory	450	c	bc	bcop	55	37	33	-	Tr	4·2	*	94	*

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. April 12th. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. April 13th. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	999·7	ENE	1	c	61	1000·6	-	0	ir	52
Brussels						1001·6	E'N	3	c	52
Berlin	1008·9	E	3	bc	54	1007·5	E	3	Z_o	45
Zürich	1003·6	NE	3	c	59	1001·5	NW	1	c	48
Rome	1009·8	SSW	1	c	59	1008·2	SSE	5	c	57

Past 24 Hours.	Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
	68	50	Tr	2
		46		
	59	43	-	0·6
	68	46	-	-
	*	*	-	-

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·6	19–22h	<0·3	2–5h
	12th		13th

Kew Observatory. Max.	Time.	Min.	Time.
0·4	9h	0·1	3h
	12th		13th

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. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

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

{ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 14th April, 1937.

No. 27537.

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

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)	1000·5	-20	ENE	4	z_o	54	65	6	-	1	-	0	10	-
	Croydon ...	1000·4	-24	NE'E	4	z_o	51	83	6	3	7	-	4-6	9+	1500
	S. Farnborough	1000·2	-16	NE	3	z_o	54	75	5	1	-	6	1	9	2500
	Boscombe Down	1000·1	-32	NE	3	c	53	75	7	5	1	-	1	9	4000
	Calshot (Sthmtn.)	1000·5	-20	NE'E	2	z_o	51	85	6	-	1	-	0	10	-
	Lympne ...	1000·3	-18	N'E	5	z_o	50	85	6	5	-	6	1	7-8	450
	Manston ...	1001·5	-10	N'E	4	z_o	47	92	5	5	-	-	10	10	450
2	Shoeburyness ...	1002·0	-16	NE	4	c	49	85	6	3	7	-	4-6	9	800
	Felixstowe ...	1002·1	-20	NE'N	4	z_o	47	85	6	5	-	-	9+	9+	800
	Gorleston ...	1003·3	-10	NE	4	0	44	92	5	5	-	-	10	10	1500
	Mildenhall ...	1002·0	-24	E'N	4	c	54	65	7	3	7	6	Tr	7-8	2500
	Cranwell ...	1003·3	-16	ENE	3	c	50	75	7	7	-	-	9+	9+	1500
3	Birmingham ...	1002·1	-16	E	3	c	50	75	6	3	-	-	7-8	7-8	4000
4	Upper Heyford	1002·0	-22	NE	3	z_o	50	75	6	5	3	-	4-6	9+	5700
	Ross-on-Wye	1001·3	-20	NE	3	pr	48	75	6	3	-	-	10	10	1500
5	Portland Bill ...	1000·1	-16	ENE	4	0	49	92	7	3	-	-	10	10	1500
	Plymouth ...	999·8	-22	ENE	3	c	54	75	7	5	7	-	2-3	7-8	2500
	The Lizard ...	1000·3	-12	E'N	3	c	53	85	6	5	3	-	4-6	9+	1500
	Scilly (St.Mary's)	1000·0	-10	SSW	3	c	54	85	6	8	6	-	4-6	9	2500
	Guernsey ...	1000·3	-14	ENE	2	0	47	97	6	5	-	-	10	10	2500
6	Pembroke ...	999·1	-12	SE	4	z_o	51	75	6	3	-	-	3	3	4000
7	Holyhead ...	1000·0	-24	NW	2	bc	51	85	6	5	-	-	2-3	2-3	5700
	Chester(Sealand)	1001·9	-26	SE	2	z_o	54	65	5	3	-	-	7-8	7-8	2500
8	Manchester ...	1002·5	-20	ESE	3	z_o	49	73	5	5	3	-	9+	10	2500
10	Spurn Head ...	1003·6	-12	ESE	3	c	46	92	6	5	7	8	4-6	7-8	1500
	Catterick ...	1003·8	-10	NE	1	id_o	44	97	6	5	2	-	3	10	800
	Tynemouth ...	1004·9	-2	SE	2	0	43	97	6	5	-	-	10	10	800
11	Inchkeith ...	1005·3	-6			f	42	92	2	5	-	-	10	10	1500
12	Leuchars ...	1005·0	-6 (10)	ENE	2	c/d	44	92	6	5	2	-	7-8	10	450
	Renfrew (Abbotsl.)	1003·7	-10	E'N	3	$d_o d_o$	45	92	5	5	-	-	10	10	800
	Eskdalemuir ...	1003·1	-14	ENE	3	c	46	75	7	5	-	-	10	10	2500
	Point of Ayre...	1001·9	-12	SE	2	bc	49	92	7	-	5	-	0	4-6	-
13A	Tiree	1002·2	-12	SSE	3	c	48	75	7	5	2	-	7-8	10	2500
13B	Stornoway ...	1003·5	-8	NE (SSE)	2	c	48	75	8	5	1	-	7-8	10	2500
15	Dalwhinnie ...	1004·5	-8	S	2	c	43	75	7	5	-	-	10	10	2500
	Aberdeen ...	1005·9	-6	ESE	3	id_o	45	97	6	5	-	-	6	10	220
16	Wick ...	1006·5	-8	SE	4	c	43	97	6	5	2	-	3	10	800
	Lerwick ...	1010·0	0	SSE	4	c	42	92	6	5	2	-	7-8	10	800
17	Blacksod Point	998·2	-12	SE	3	c	51	75	7	-	7	-	0	9+	-
18	Malin Head ...	1000·7	-20	SE	2	c	45	97	7	4	-	1	7-8	7-8	2500
	Aldergrove ...	1000·9	-22	E'N	3	c/r	43	85	7	5	-	-	9	9	1500
19	Birr Castle ...	999·3	-8	S	1	c	54	65	8	5	7	-	7-8	9+	2500
20	Valentia Obsy. †	999·9	-26	SE	4	ir_o	49	85	8	5	1	-	7-8	10	1500
	Roches Point	998·3	-16	SSE	3	c	50	85	8	8	-	-	7-8	7-8	1500

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

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)	997·1	-20	NE	4	z_o	55	65	5	-	1	2	0	9+	-	2	*
	Croydon ...	996·5	-10	ENE	3	z_o	53	75	6	5	7	-	1	10	5700	1	*
	S. Farnborough	996·7	-20	NE	2	z_o	54	75	5	7	3	2	2-3	9+	4000	1	*
	Boscombe Down	996·7	-18	NE	3	z_o	55	75	6	5	7	-	2-3	9+	4000	1	*
	Calshot (Sthmtn.)	997·0	-14	SE	1	z_o	51	92	5	5	3	-	4-6	9+	4000	1	*
	Lympne ...	997·0	-14	NE'N	4	z_o	49	85	6	5	2	-	2-3	10	4000	1	*
	Manston ...	996·9	-32	NNE	4	z_o	50	85	6	-	7	-	0	9+	-	1	*
2	Shoeburyness ...	997·7	-20	NNE	4	c	48	85	6	5	1	-	4-6	10	1500	1	*
	Felixstowe ...	998·4	-18	NE'N	3	z_o	50	85	6	3	7	-	Tr	10	2500	1	3
	Gorleston ...	1000·8	-14	N'W	3	c/f	45	85	5	3	-	-	9+	9+	1500	0	2
	Mildenhall ...	999·0	-14	ENE	3	z_o	50	85	6	-	7	5	0	9+	-	0	*
	Cranwell ...	1001·1	-8	NE	3	c	46	92	6	5	-	-	10	10	1500	0	
3	Birmingham ...	999·3	-14	ENE	4	c	50	75	5	6	-	-	10	10	1500	1	*
4	Upper Heyford	998·2	-18	ENE	3	z_o	51	85	6	7	1	-	4-6	10	2500	1	*
	Ross-on-Wye	998·8	-12	NNW	2	id_o	49	85	5	5	-	-	10	10	800	1	
5	Portland Bill ...	996·4	-16	NW	4	ò	48	92	7	5	-	-	10	10	1500	1	3
	Plymouth ...	996·6	-22	SE	1	r_o	48	97	6	6	7	-	7-8	10	800	1	1
	The Lizard ...	996·0	-20	ENE	2	c	47	97	6	8	2	-	9	10	800	1	2
	Scilly (St.Mary's)	995·6	-20	SE	2	c	49	85	7	8	7	3	4-6	9+	1500	1	2
	Guernsey ...	994·9	-20	NE	1	0	47	97	6	5	-	-	10	10	1500	1	2
6	Pembroke ...	996·0	-12 (14)	ESE	5	q	48	85	6	3	7	-	2-3	7-8	4000	1	2
7	Holyhead ...	997·9	-14	E	2	c	50	85	6	5	-	8	7-8	9+	7200	0	*
	Chester(Sealand)	1000·6	-4	SE'E	2	ir_o	50	85	5	-	2	-	10	10	2500	1	*
8	Manchester ...	1000·1	-6	E	3	m	51	75	4	5	3	-	4-6	10	2500	1	
10	Spurn Head ...	1001·0	-12	NE	3	c	43	92	6	5	2	-	4-6	10	1500	0	2
	Catterick ...	1001·9	-6	NE'E	1	f	46	92	3	5	2	-	9+	10	1500	1	*
	Tynemouth ...	1002·8	-6	NE	2	c	43	92	7	5	-	-	7-8	7-8	1500	1	2
11	Inchkeith ...	1003·7	-2	ENE	3	id_o	42	97	8	5	-	-	10	10	2500	0	2
12	Leuchars ...	1003·6	-6	E	2	z_o	45	92	6	5	2	-	9	10	450	1	*
	Renfrew (Abbotsl.)	1002·0	-4	E'N	3	z_o	46	75	6	5	-	-	10	10	2500	0	*
	Eskdalemuir ...	1002·0	-4	E'N	2	c	43	85	6	5	-	-	10	10	800	1	
	Point of Ayre...	999·8	-12	E'S	3	bc	46	97	6	-	5	-	0	4-6	-	1	1
13A	Tiree	1001·4	-4	ESE	3	c/r	45	92	6	5	2	-	7-8	10	1500	1	1
13B	Stornoway ...	1002·3	-8	ESE	4	c	47	85	8	5	7	8	7-8	9+	2500	1	2
15	Dalwhinnie ...	1004·5	0	S	2	ir_o	40	85	7	5	-	-	10	10	2500	1	
	Aberdeen ...	1004·9	0	E'S	3	c	42	92	6	5	7	-	4-6	10	450	1	2
	Wick ...	1005·0	-10	SE	3	c	42	97	6	5	2	-	7-8	10	800	1	3
16	Lerwick ...	1005·4	-4	SSE	5	c	42	97	6	5	2	-	7-8	10	800	1	
17	Blacksod Point	996·5	-10	E	3	c	50	85	7	-	7	1	0	7-8	-	0	3
18	Malin Head ...	999·4	-14	ESE	2	c	47	97	7	4	-	-	9	9	2500	0	2
	Aldergrove ...	999·2	-10	E'N	3	c	48	85	7	5	3	-	2-3	9+	4000	1	
19	Birr Castle ...	996·4	-14	S	2	c	53	75	7	5	7	-	7-8	9+	2500	1	*
20	Valentia Obsy. †	998·7	-6	E'S	4	ir_o	48	85	8	6	2	-	9	10	1500	1	2
	Roches Point	999·5	-14	S'E	4	c	49	85	8	8	3	5	4-6	7-8	1500	0	3

PAST 24 HOURS.

Distrct.	Stations.	Weather. 7h.—13h. ...13th. (37)	Weather. 13h.—18h. ...13th. (38)	Weather. 18h.13th.to 1h.14th (39)	Weather. 1h.—7h. ...14th (40)
1	London (Kew)	$c_o c$	cz_o	cz_o	om_o
	Croydon ...	$cmr_o c_o m_o$	$cm_o \oplus cz_o$	$cz_o omir_o$	$ir_o om_o$
	S. Farnborough	$roir_o cz_o \oplus$	cz_o	$ridm_o c$	$cbcirm_o$
	Boscombe Down	$cr_o z_o e$	ccm_o	$cirr_o r_o ccirm_o$	
	Calshot (Sthmtn.)	$cr_o c_o m_o$	cm_o	$cm_o prm_o$	$cm_o cPR_o$
	Lympne ...	$cdcm_o$	$bccm_o$	$cdir_o bc$	$cir_o bc$
	Manston ...	com_o	ccm_o	$cr_o bm_o c$	$r_o cifbc$
2	Shoeburyness ...	$m_o c$	$m_o c$	$cm_o ir_o$	$ir_o cm_o$
	Felixstowe ...	cm_o	cm_o	cm_o	cmw
	Gorleston ...	$oubz_o$	offc	cbclq	cair
	Mildenhall ...	c	$cbcz_o$	$cz_o b_o cm_o r_o cffcm$	
	Cranwell ...	c	$c_o cm_o$	cm_o	$cm_o m_o H$
3	Birmingham ...	fbc	bcc	c	orfe
4	Upper Heyford	$ocir_o m_o$	cz_o	$cm_o r_o$	$cmor_o f$
	Ross-on-Wye	cfbczcz	$cor_o cm_o$	$d_o m_o cm_o$	$cmr_o m$
5	Portland Bill ...	orr	orr	omrr	az_o
	Plymouth ...	$cz_o boyc$	$cpr_o r_o m_o$	$corrir_o m_o$	$oirrrrid_o$
	The Lizard ...	$cbcz_o$	comrr	cpr	cpro
	Scilly (St.Mary's)	cbcc	c	cbc	bc
	Guernsey ...	orrir	rrir$_o$	am	$mr_o ir$
6	Pembroke ...	$cbcm_o$	$cpr_o m_o q$	$cir_o m_o c$	$cm_o ir_o$
7	Holyhead ...	bcm_o	bccm	$m_o ir_o c$	cm_o
	Chester(Sealand)	$bfxcz_o$	$cz_o m_o r_o$	$crr_o m_o$	cm_o
8	Manchester ...	$cffz_o$	cz_o	$cf id_o$	cm_o
10	Spurn Head ...	fmc	c	ff	fom
	Catterick ...	$fddm_o d_o$	$om_o d_o of$	corf	oFe
	Tynemouth ...	offo	oc	o	oif
11	Inchkeith ...	fcf	fzc	c	c
12	Leuchars ...	$omcm_o d_o$	$cm_o dc$	cm_o	$cm_o ir_o$
	Renfrew (Abbotsl.)	$cm_o r_o d_o$	$cm_o dc$	$cz_o m_o$	$cbcm_o W$
	Eskdalemuir ...	$oid_o c$	ccm_o	cm_o	$cm_o cir_o$
	Point of Ayre...	$opr_o c$	c	orrrrr	$bc_o cx$
13A	Tiree	c	$cidr_o$	c	c
13B	Stornoway ...	c	c	bcc	c
15	Dalwhinnie ...	c	c		iroc
	Aberdeen ...	$ofdr_o$	$oid_o m_o$	$oifd_o$	offd
	Wick ...	$ommc$	c	$id_o m_o$	$oid_o m$
16	Lerwick ...	ocm_o	cm_o	cbc	epr$_o$
17	Blacksod Point	c	cbc	cbc	prc
18	Malin Head ...	bc	bc	c	cz_o
	Aldergrove ...	$jfirm_o$	$ccm_o c$	ccm_o	$cm_o ir_o$
19	Birr Castle ...	c	c	crc	$cair_o$
20	Valentia Obsy. †	$pr_o Rir_o$	cir_o	$cir_o c$	$cr_o r_o$
	Roches Point	c	cbcc	$cc ir_o$	$cir_o z_o$

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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 . . Ground dry.
1 . . „ wet.
2 . . „ flooded.
3 . . „ frozen hard and dry.
4 . . „ partly covered with snow or hail.
5 . . „ covered with ice or glazed frost.
6 . . Ground covered with thawing snow.
7 . . „ covered with snow, less than 6 ins., deep but ground not frozen.
8 . . „ covered with snow, less than 6 ins., but ground frozen.
9 . . „ covered with snow greater than 6 ins. deep.

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

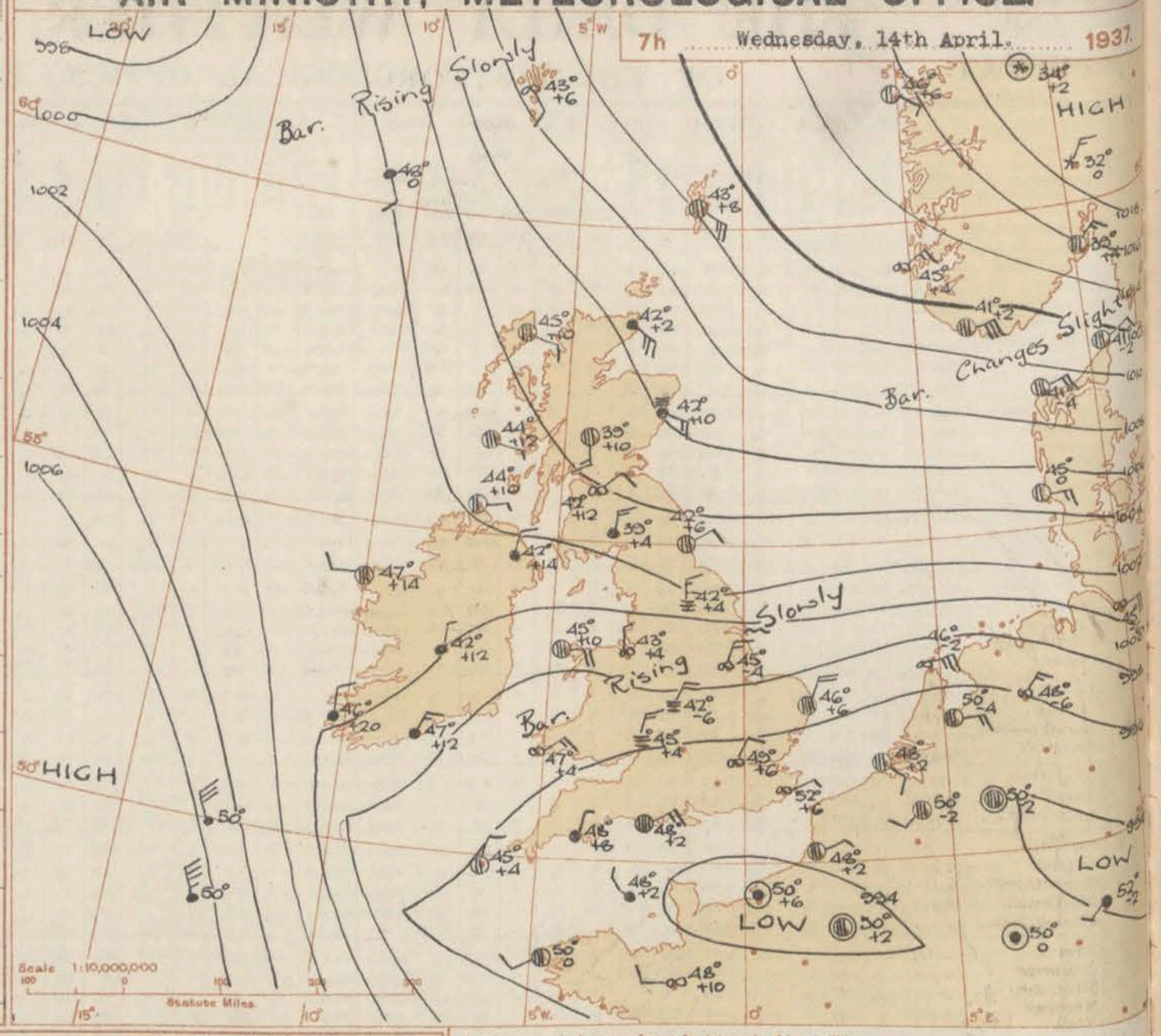
† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for April 13th 1937.

Districts	Stations	Weather. Fore-noon.	Weather. After-noon.	Temperature. (F) Min. 9h. 12th to 9h. 13th.	Temperature. (F) Max. 9h.—17h. 13th.	Rainfall. (mm) Night. 17h. 12th to 9h. 13th	Rainfall. (mm) Day. 9h.—17h. 13th.	Sunshine (Hrs) Sunrise to 17h. 12th	Sunshine (Hrs) Sunrise to Sunset. 12th.
1	Tunbridge W.	oz	cz	41	50	0·5	—	0·3	6·2
	Bournemouth	rod	o	43	54	3	1	1·2	0·5
	Ventnor ...	roz	obcoz	44	55	1	—	1·4	1·4
	Southsea ...	oro	c	45	53	1	Trace	1·0	0·3
	Bognor Regis	oco	cobc	44	*	2	—	0·6	4·1
	Littlehampton	o	oc	43	56	1	—	0·5	4·5
	Worthing ...	c	cbc	44	56	1	—	1·6	6·8
	Brighton ...	c	bbco	43	56	Trace	—	0·2	5·3
	Eastbourne† ...	o	oco	45	57	-	-	0·5	6·8
	Hastings† ...	ocbc	bcco	44	56	-	-	0·5	10·5
	Folkestone ...	cbcb	bbcc	44	57	-	-	3·2	7·0
	Dover ...	xbc	bcco	45	55	—	-	3·2	6·5
	Deal	o	obco	45	52	-	-	0·8	6·1
	Ramsgate ...	cbc	bcc	41	51	-	-	2·0	6·3
	Margate ...	c	c	44	49	-	-	0·5	6·5
2	Southend ...	o	oco	40	54	Trace	—	1·0	6·6
	Maldon ...	cbcc	c	40	54	-	-	1·1	3·3
	Clacton-on-Sea	c	cm	39	50	-	-	0·3	6·0
	Dovercourt ...	bc	bc	40	51	-	-	2·0	6·8
	Lowestoft ...	o	om of	39	45	-	-	0·0	11·7
	Skegness ...	o	o	42	46	-	-	0·0	0·4
	Mablethorpe...	om c	ocbco	42	46	-	-	0·6	0·3
	Cleethorpes ...	obc	bc	42	46	0·3	-	0·0	1·6
3	Leamington S.	oc	co	34	53	-	-	0·4	0·1
4	Cheltenham†	wbcc	cpoc	37	55	-	Trace	2·1	0·0
5	Bath	cp	bcc	40	54	-	0·3	0·6	0·5
	Weymouth ...	rc	cp c	45	56	2	0·5	0·4	0·1
	Jersey ...	rsrco	o	47	52	6	2	0·0	5·7
	Torquay ...	woz	oRom	46	50	-	5	0·0	1·2
	Penzance ...	cbcb	bcc	48	56	Trace	—	3·9	6·2
	St. Ives ...	c	c	45	58	Trace	-	3·1	4·8
	Bude... ...	cbc	bccr	46	57	—	1	2·1	0·0
	Ilfracombe ...	bcco	cbcc	45	51	—	-	4·3	2·3
6	Aberystwyth	zbcc	bcc	42	58	—	-	3·6	0·0
7	Llandudno ...	zb	bcoz	37	55	—	-	6·5	8·9
	Colwyn Bay...	cbbcb	bcb	35	56	—	-	6·5	9·0
	Rhyl	bz	bzo	34	58	—	-	6·7	7·5
8	Wallasey ...	mbc	bccm	41	54	—	—	7·0	4·3
	Southport ...	bczcz	cbccz	39	54	—	-	5·4	7·8
	Blackpool ...	cmc	bccz	41	55	0·3	-	5·0	5·9
	Morecambe ...	cbc	bcbbc	43	54	0·3	-	3·8	1·7
9	Ilkley... ...	o	o	42	48	-	-	0·0	0·0
	Harrogate ...	oc	c	41	46	0·1	-	0·0	0·1
10	Berwick-on-T.	om	o	40	43	1	Trace	0·0	0·0
11	Dunbar ...	omf	cm	40	44	0·5	—	0·0	0·2
12	Troon... ...	ocor	oGoc	43	49	-	0·3	0·0	0·8
	Douglas ...	bcz	bcz	42	50	3	-	7·2	12·1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
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, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Moderate easterly to variable winds; cloudy with local drizzle at first, bright periods later; average temperature.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Light to moderate variable to westerly winds; mainly fair; average temperature.
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 variable winds; bright periods, occasional showers; average temperature.
14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	As 1 - 4.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Moderate northerly to northwesterly winds; occasional rain at first, bright periods later; average temperature.

GENERAL INFERENCE.

A ridge of high pressure to the West of Ireland will move slowly in eastwards across the British Isles. After cloudy weather in most districts at first with rain or drizzle near the east and south coasts fairer conditions will gradually spread from the West.

FURTHER OUTLOOK.

Considerable fair periods.

Forecasts issued at 10.30 G.M.T. GEORGE C. SIMPSON, K.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,
14TH APRIL.

1937.

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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 14th April, 1937.

No. 27537.

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

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	9949	-10	NE	1	c/r	48	92	6	5	-	-	9+	9+	5700
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	9950	-10	ENE	3	ir.	51	85	6	5	-	-	10	10	4000
	Manston ...	142	9946	-12	NE'N	2	c	50	85	6	-	3	-	0	9+	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	9974	-12	NE	4	bc	46	92	6	8	-	-	4·6	4·6	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	9944	-10	ENE	3	o	50	92	6	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	9954	-4	ENE	1	pr.	47	97	7	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	9958	-2	S'E	2	bc	46	85	8	5	-	-	4·6	4·6	2500
	Guernsey ..	175	9970	-4	NW	1	m	47	97	4	5	-	-	10	10	1500
6	Pembroke ...	142	9951	0	E'N	3	ir.	47	92	5	5	-	-	10	10	2500
7	Holyhead ...	26	9930	-2	E	4	c	47	97	5	-	2	-	0	7·8	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	9997	-8	NE	3	cf	43	97	2	5	-	-	10	10	<150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	10036	0	E	2	o	40	97	7	6	-	-	10	10	800
11	Inchkeith ...	190	10040	+4	SE	3	c	41	97	7	5	2	-	2·3	10	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	10010	+8	E	2	rr	44	97	7	8	-	-	10	10	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	10031	+6	SE	3	c	45	85	8	5	2	-	7·8	10	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	10058	0	SE	4	o	42	97	5	5	-	-	10	10	450
16	Lerwick ...	156	10107	+4	SE	5	c	41	85	7	8	2	-	4·6	9+	800
17	Blacksod Point	18	9986	+8	SE	3	bc	48	85	7	9	-	-	4·6	4·6	2500
18	Malin Head ...	84	10002	+6	E	3	c	45	97	7	5	-	-	7·8	7·8	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	9972	+10	ESE	1	bc	46	97	7	5	-	-	4·6	4·6	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
9953	+6	NNE	2	z_o	49	92	5	5	-	-	10	10	1500	2	*
9948	+6	NE	2	z_o	49	92	5	5	-	-	10	10	800	1	*
9954	+8	NNE	2	ir.	48	92	5	5	-	-	10	10	800	1	*
9954	+4	NNE	3	c/r	46	92	6	6	2	-	9+	10	800	1	*
9952	+8	N'W	2	c/pr	48	97	6	5	7	-	7·8	10	4000	1	-
9950	+6	E'N	1	z_o	52	85	6	-	4	9	0	4·6	-	1	S 0
9946	+4	SE	2	z_o	50	92	5	-	9	-	0	4·6	-	1	*
9952	+2	NNE	3	c	50	92	6	5	7	-	4·6	9+	4000	1	*
9958	+6	NE'N	3	z_o	48	92	5	5	2	-	7·8	9+	4000	1	-
9975	+6	NE'N	4	o/r	46	92	6	6	-	-	10	10	1500	1	3
9963	+2	ENE	3	m	49	92	4	6	-	-	10	10	800	1	*
9993	-4	NNE	3	z_o	45	97	5	5	-	-	10	10	450	1	*
9985	-6	NE	4	F	42	97	1	-	-	-	10	10	<150	6	*
9964	0	NE	4	ir.	45	97	3	-	2	-	10	10	220	1	*
9976	+4	NNE	3	m	45	92	4	5	-	-	10	10	800	1	*
9943	+2	ENE	3	o	48	92	6	5	-	-	10	10	1500	1	3
9950	+8	NNE	1	id.	48	92	5	-	2	-	10	10	450	1	1
9952	+4	NE'N	2	o	47	97	7	5	-	-	10	10	1500	1	1
9961	+4	NNE	2	bc	45	92	7	8	9	-	2·3	4·6	2500	1	2
9948	+2	NW'N	1	rr	48	97	4	5	-	-	10	10	800	1	2
9960	+4	ENE	3	z_o	47	85	6	5	-	-	9+	9+	2500	1	1
9989	+10	E	4	c	45	92	6	2	9	8	Tr	7·8	4000	1	2
9998	+4	N	1	z_o	43	85	5	5	1	-	9	9+	5700	1	*
9995	+2	ENE	4	z_o	45	85	5	6	3	-	4·6	10	1500	1	*
9987	0	ENE	5	z_o	44	97	5	5	-	-	10	10	450	0	4
10026	+4	N	3	F	42	97	1	-	-	-	10	10	<150	1	*
10037	+6	ENE	2	c/f	42	97	5	5	-	-	10	10	800	1	2
10047	+4	NE	3	c	41	97	7	5	-	-	9+	9+	2500	0	2
10048	+8	NE	2	c/r	42	97	6	5	2	-	7·8	10	220	1	*
10044	+12	NE'E	2	z_o	42	92	6	5	3	9	4·6	4·6	1500	0	*
10038	+4	N'E	3	rr	39	92	6	6	2	-	10	10	800	1	*
10011	-4	E'N	4	c	49	92	7	-	7	-	0	10	-	1	2
10032	+12	SE'E	1	c	44	92	8	5	3	-	2·3	7·8	4000	0	1
10045	+10	ESE	2	c	45	85	8	5	2	-	9	10	4000	1	1
	+10	S	3	c	39	85	7	5	-	-	10	10	2500	0	*
10061	+10	ESE	3	df	42	97	3	-	-	-	10	10	<150	1	2
10060	+2	SE	5	id.	42	97	4	5	-	-	10	10	450	1	3
10111	+8	SE	5	c	43	85	8	8	7	-	7·8	9	800	1	*
10014	+14	W	2	c	47	92	6	-	2	-	0	10	-	1	2
10027	+10	E	1	bc	44	97	6	5	-	4	2·3	4·6	2500	0	2
10022	+14	N'E	2	ir.	42	97	6	5	7	-	7·8	10	800	1	*
10003	+12	N	1	ir.	42	97	7	6	-	-	10	10	2500	1	*
10014	+20	N	2	nr.	46	92	8	6	2	-	9	10	1500	1	2
9991	+12	NE	3	ir.	47	92	6	5	7	-	4·6	9+	1500	1	2

PAST 24 HOURS.

Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 13th Hrs. (36)
57	48	45	0·4	-	0·0
56	48	44	Tr	0·1	1·2
56	48	41	0·5	0·4	0·5
56	45	44	1	2	1·1
57	48	47	1	2	0·7
53	45	41	-	0·3	4·2
50	43	41	-	0·2	1·8
50	46	40	-	0·1	0·7
51	47	45	-	-	1·6
45	43	43	Tr	0·1	0·0
56	45	43	-	1	4·2
52	42	41	-	-	0·2
51	42	42	-	4	0·6
56	45	43	Tr	0·3	*
50	44	43	0·3	1	1·1
50	46	*	3	1	*
55	47	46	0·5	5	4·4
55	45	*	1	1	*
54	42	*	-	-	3·3
48	46	46	3	2	0·9
52	46	*	Tr	0·5	3·0
56	44	41	-	0·1	6·7
56	41	37	0·1	1	6·9
55	43	39	-	Tr	1·2
48	42	*	-	-	2·3
47	40	40	0·2	1	0·0
44	40	39	-	2	0·0
43	40	38	-	Tr	0·0
44	41	41	Tr	Tr	0·0
48	41	38	0·3	-	0·0
50	38	38	-	0·4	0·2
52	43	*	1	2	3·2
49	41	39	Tr	-	0·0
51	44	*	-	-	0·7
46	38	35	-	Tr	0·0
43	41	41	0·4	0·4	0·0
43	41	*	Tr	0·1	*
43	40	*	-	Tr	0·0
52	43	*	-	1	*
48	43	*	-	-	0·8
52	38	33	0·3	Tr	1·5
56	39	31	-	1	1·4
52	45	43	3	3	0·1
51	47	*	-	1	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. Yesterday.	Humidity. 15h. G.M.T % Yesterday.	Humidity. 9h. G.M.T % To-day.	Visibility 9h. To-day.
Kew	18	cr.c	$c z_o$	$c z_o$	57	48	45	0·4	-	0·0	*	*	5
Croydon	217	cmr.r.m	cm.bc	z.pmir	56	48	44	Tr	0·1	1·2	*	*	5
Greenwich (Royal Observatory) ...	149	cr.c	c.bc	cdcm	57	48	40	Tr	Tr	0·7	74	89	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	1·4	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	57	40	39	-	-	0·5	71	85	*
Regents Pk. (Botanic Gardens)† ...	158	*	*	*	57	44	40	Tr	-	0·7	81	93	*
Camden Square	110	c.bdc	c.bc	*	59	48	40	Tr	-	*	*	87	*
Kensington	80	c.bbc	bc	*	57	48	43	Tr	-	0·3	71	91	*
Hampstead Observatory	440	c.op	bc	o	55	45	38	Tr	-	0·7	*	95	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·6	18-22h. 13th.	<0·3	2-5h. 14th.

Kew Observatory. Max.	Time.	Min.	Time.
0·3	20h. 13th.	<0·1	6h. 14th.

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. April 13th. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. April 14th. 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	9951	SSW	3	pr.	54	9939	*	0	c	50	57	48	6	0·1
Brussels	9961	ENE	3	c/pr	61	9944	SW	2	c/pr	50	66	46	Tr	0·1
Berlin	10051	E'S	4	c	57						63		-	
Zürich	9983	NW	3	c	57	9955	WNW	1	r	50	68	48	-	Tr
Rome	9989	SSE	5	c	61	9970	S	?	ir	59	*	*	-	3

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 —Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

METEOROLOGICAL OFFICE, AIR MINISTRY, ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

‡ Maximum and Minimum Temperatures are for the 24 hours ending 18h.

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 15th April, 1937.

No. 27538

OBSERVATIONS at 13h. G.M.T. 14th 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)	997·3	+8	NNE	3	2_o	55	97	5	5	–	–	10	10	800
	Croydon ...	996·6	+10	NE'E	3	2_o	57	75	5	5	3	–	4-6	9+	2500
	S. Farnborough	997·7	+6	NE	3	2_o	57	75	5	5	–	–	9+	9+	1500
	Boscombe Down	997·7	+14	NE'N	2	2_o	50	92	5	5	2	–	9+	10	800
	Calshot (Sthmtn.)	997·0	+14	NNW	1	br	53	92	6	5	7	–	7-8	10	1500
	Lympne ...	996·9	+12	N	1	c	57	65	8	8	9	2	2-3	7-8	4000
	Manston ...	996·4	+10	ENE	3	bc	56	75	7	2	7	–	Tr	4-6	2500
2	Shoeburyness ...	997·8	+16	NE'N	3	$r_o r_o$	52	97	5	6	1	–	9	10	1500
	Felixstowe ...	997·8	+10	NE'N	4	$r_o r_o$	48	97	4	5	–	–	10	10	450
	Gorleston ...	998·3	+8	NNE	3	0	47	92	5	5	–	–	10	10	1500
	Mildenhall ...	998·7	+12	NE	4	c/d	52	85	5	6	2	–	9+	10	800
	Cranwell ...	1001·2	+10	NNE	4	2_o	47	92	6	5	–	–	10	10	450
3	Birmingham ...	1000·4	+12	NE	4	[illegible]	46	92	4	6	–	–	10	10	450
	Upper Heyford	999·0	+14	NNE	4	m/f	47	97	4	5	–	–	10	10	220
4	Ross-on-Wye	999·8	+10	NE	3	m	49	85	4	5	–	–	10	10	800
5	Portland Bill ...	997·5	+20	NNE	3	rr	50	92	6	5	–	–	10	10	1500
	Plymouth ...	997·7	+14	NW	2	c/d	54	85	6	5	7	–	7-8	9+	1500
	The Lizard ...	998·7	+16	NW'N	5	br	53	92	7	8	1	–	7-8	9+	1500
	Scilly (St.Mary's)	1000·0	+16	NNW	4	m	51	92	4	5	–	–	10	10	< 150
	Guernsey ...	999·2	+18	N	1	o	51	92	5	5	–	–	10	10	800
6	Pembroke	999·6	+12	NE	3	q	53	75	6	8	2	–	7-8	10	2500
7	Holyhead ...	1001·5	+10	NE'E	4	bc	51	85	7	7	–	–	2-3	2-3	1500
	Chester(Sealand)	1001·7	+8	N'E	3	2_o	53	75	5	5	–	–	10	10	1500
8	Manchester ...	1001·4 [1]	+8	NE'E	3	2_o	51	75	6	5	3	6	4-6	7-8	1500
10	Spurn Head ...	1001·5	+10	NNE	4	of	44	92	5	5	–	–	10	10	< 150
	Catterick ...	1000·0	+12	NE'N	4	2_o	44	92	6	5	2	–	3	10	800
	Tynemouth ...	1000·4	+14	ENE	2	0	42	97	6	5	–	–	10	10	800
11	Inchkeith ...	1000·8	+4	NE	3	f	42	97	3	5	–	–	10	10	800
12	Leuchars ...	1000·2	+14	E	2	mf	44	97	5	5	–	–	10	10	220
	Renfrew (Abbots I.)	1000·2	+12	ENE	4	2_o	50	75	6	1	3	–	2-3	9+	4000
	Eskdalemuir ...	1000·1	+6	NE	3	c	47	92	6	5	–	–	10	10	450
	Point of Ayre...	1000·7	+16	E	3	$r_o r_o$	47	97	8	–	7	–	0	10	–
13A	Tiree ...	1000·2	+12	SE'S	2	b	54	95	8	1	–	1	Tr	Tr	4000
13B	Stornoway	1000·6	+6	SE	1	c	50	75	8	1	5	7	1	7-8	4000
15	Dalwhinnie ...	1001·3	+10	S	5	c	45	65	7	4	1	–	4-6	9+	2500
	Aberdeen ...	1000·2	+12	SE'E	2	id	43	97	6	5	2	–	7-8	10	220
16	Wick ...	1000·3	+20	SE	4	0	43	97	5	5	–	–	10	10	450
	Lerwick ...	1011·3	+2	SE	4	c	45	85	8	8	3	1	7-8	9	1500
17	Blacksod Point	1000·0	+16	W	3	c	51	75	6	–	2	–	0	10	–
18	Malin Head ...	1000·3	+8	NE	2	c	47	97	6	5	5	1	4-6	7-8	2500
	Aldergrove ...	1004·8	+8	NE	3	c/r	51	75	7	5	3	–	4-6	7-8	4000
19	Birr Castle ...	1003·4	+12	NNW	1	c/r	45	92	7	5	–	–	10	10	2500
20	Valentia Obsy. †	1005·0	+22	NNW	3	c	48	85	8	5	7	–	7-8	9+	1500
	Roches Point	1002·7	+12	N'E	4	c	45	92	6	8	1	–	4-6	10	1500

OBSERVATIONS at 18h. G.M.T. 14th 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)	1000·3	+2·2	NNE	4	2_o	52	85	6	5	–	–	10	10	800	2	*
	Croydon ...	999·7	+2·2	NE'N	3	3	51	85	4	5	–	–	7-8	10	800	1	*
	S. Farnborough	1000·3	+1·8	NE'N	3	2_o	51	85	5	5	–	–	10	10	1500	1	*
	Boscombe Down	1000·3	+2·4	NE'N	3	2_o	48	92	6	5	–	–	10	10	800	1	*
	Calshot (Sthmtn.)	1000·0	+2·6	NNW	3	[illegible]	50	97	3	–	2	–	10	10	220	1	1
	Lympne ...	999·4	+1·8	N'E	5	3	48	92	4	5	3	–	9+	9+	220	0	1
	Manston ...	998·9	+1·2	NNE	4	3	47	97	4	5	–	–	10	10	450	1	*
2	Shoeburyness ...	999·8	+1·2	N'E	3	$i r_o$	45	92	5	6	2	–	7-8	10	1500	1	*
	Felixstowe ...	1000·3	+1·0	N'E	3	$d_o d_o$	47	97	4	5	–	–	10	10	450	1	2
	Gorleston ...	1001·3	+8	N	4	[illegible]	45	92	3	–	–	–	10	10	< 150	1	3
	Mildenhall ...	1001·3	+1·8	NNE	3	[illegible]	47	92	5	5	–	–	10	10	500	1	*
	Cranwell ...	1003·8	+2·0	N'E	4	id	45	97	5	5	–	–	10	10	220	1	*
3	Birmingham ...	1003·6	+2·0	NE	3	[illegible]	46	85	4	5	–	–	10	10	450	1	*
	Upper Heyford	1002·0	+1·6	N'E	3	o/c	46	97	4	–	2	–	10	10	220	1	*
4	Ross-on-Wye	1002·8	+2·4	NNE	3	of	49	85	3	5	–	–	10	10	800	1	*
5	Portland Bill ...	1000·8	+2·0	N	3	o	51	92	6	5	–	–	10	10	1500	1	3
	Plymouth ...	1001·4	+2·6	N'E	3	2_o	54	75	6	5	3	–	7-8	9+	2500	1	2
	The Lizard ...	1001·6	+2·4	NW	4	c	52	85	7	8	6	–	7-8	7-8	2500	1	3
	Scilly (St.Mary's)	1003·7	+2·0	NW'W	5	c	50	85	5	5	3	–	7-8	9	1500	1	3
	Guernsey ...	1000·3	+2·4	NNW	2	m	45	97	4	5	–	–	10	10	1500	1	2
6	Pembroke	1003·0	+1·6	N'E	4	c	50	85	6	5	7	–	4-6	7-8	2500	1	2
7	Holyhead ...	1003·8	+1·0	ENE	4	b	55 [HG]	85	6	–	–	4	0	1	–	0	3
	Chester(Sealand)	1004·2	+2·2	NNE	3	2_o	51	75	5	5	–	–	9+	9+	2500	1	*
8	Manchester ...	1004·4	+1·6	NE	4	2_o	47	85	5	5	–	–	10	10	1500	1	*
10	Spurn Head ...	1003·4	+1·4	NNE	4	d	43	97	4	5	–	–	10	10	220	1	4
	Catterick ...	1006·6	+1·2	NNE	4	id	43	97	4	5	–	–	10	10	450	1	*
	Tynemouth ...	1007·0	+6	N	3	f	41 [2]	97	3	–	2	–	10	10	800	1	2
11	Inchkeith ...	1005·1	+1·0	NE	3	c	40	97	7	5	–	–	10	10	2500	0	2
12	Leuchars ...	1005·2	+8	E	2	2_o	43	92	6	5	–	–	10	10	800	1	*
	Renfrew (Abbots I.)	1007·7	+1·6	E'N	3	2_o	47	85	6	5	3	–	9	9+	1500	0	*
	Eskdalemuir ...	1007·8	+1·4	NNE	4	c	43	85	6	6	–	1	7-8	9	800	1	*
	Point of Ayre...	1004·7	+2	ENE	3	bc	48	92	8	–	4	–	0	4-6	–	1	2
13A	Tiree ...	1007·0	+1·0	N'E	2	b	47	85	8	–	–	1	0	Tr	–	0	2
13B	Stornoway	1007·8	+8	ESE	2	bc	47	75	8	5	–	–	2-3	2-3	4000	1	1
15	Dalwhinnie ...	1000·4	+1·2	S	4	c	44	85	7	4	7	–	7-8	9+	2500	0	*
	Aberdeen ...	1010·2	+1·0	E	2	0	43	92	6	5	–	–	10	10	800	1	2
16	Wick ...	1005·8	+4	SE	4	dr	42	97	5	6	–	–	10	10	450	1	3
	Lerwick ...	1012·7	+8	ESE	4	c	44	85	8	5	6	–	7-8	10	1500	1	*
17	Blacksod Point	1007·4	+1·6	W	3	c	48	85	8	5	–	–	10	10	1500	0	2
18	Malin Head ...	1006·5	+8	NE	2	c	47	92	6	5	–	1	5	9+	2500	0	0
	Aldergrove ...	1006·1	+1·0	–	0	b	56	65	7	–	4	–	0	1	–	1	*
19	Birr Castle ...	1005·6	+1·0	N	1	c	53	75	8	5	1	–	4-6	10	2500	1	*
20	Valentia Obsy. †	1008·6	+2·0	NW'N	3	bc	50	85	8	8	–	–	4-6	4-6	1500	1	3
	Roches Point	1005·7	+1·6	N	4	c	50	85	6	5	7	–	4-6	7-8	1500	1	3

PAST 24 HOURS.

Weather. 7h.—13h. 14th. (37)	13h.—18h. 14th. (38)	18h.—1h. 14th to 15th. (39)	1h.—7h. 15th. (40)
$o m_o$	$c p_o c o m_o$	$o p r_o o m_o$	$o p r_o o m_o$
$o m c m_o$	$c z_o v o m_o$	$c m_o p m i d_o$	$o m i d_o c m$
$i r_o b_o m_o c$	$c t b c c m_o$	$o m_o i d_o$	$i d_o m_o o$
$c i r_o c m_o$	$c m_o$	$c m_o o i d_o$	$o i d_o$
$c m_o p r$	$c t l r o r f$	$o r f r_o m_o$	$c m_o$
bc	$b c_o y c m$	$c m t d_o d_o$	$c m d_o$
$b c c m_o b c$	com	$o d d d_o d_o f$	$f o d_o d_o$
$r_o b c$	$r_o r_o i r_o c$	$i r_o c m_o$	$c m_o i d_o o$
$c d_o o r_o o$	$r_o r_o d_o m$	$o d_o d_o c m$	$c m_o$
$o m m$	$o m_o f f e$	$c d_o f o$	$o m$
$i r_o c m d_o$	$o m_o o m_o$	$o m_o d d_o m_o$	$o m_o$
$o m_o m f e m$	$o d_o d_o i d_o$	$o m_o i d_o$	$o m_o$
$f_o e f d_o r o$	$o m$	$o m d_o$	$o m$
$o f r_o m f m$	$o r_o o r f m$	$o m r_o f d_o$	$d_o f d_o d_o m$
$o m r_o m o m$	$o m$	$o f o m$	$o m$
$o r r z_o$	$o r r o$	$c o$	o
$o c i d_o m_o$	$c z_o$	$c b m_o m$	$b w c m$
$o c p r$	$p r_o c z$	c	$c m_o$
$b c c o m$	$o c m$	$c m_o b c$	c
$b c c o m$	$o c m$	$c m_o b c$	c
$o r r o f$	$o i d_o$	$o m$	$o m$
$c q m_o o$	$c m_o$	$c m_o b$	$b c c m_o$
$c b c$	$b c_o b m_o$	$b m_o$	$b_o c m$
$c b c c r_o z_o$	$c z_o b c c$	$c z_o$	$c m_o$
$c r_o$	$c m_o$	$c m_o$	$c m_o$
$m o f$	$f f d$	$d f c b c$	$c o m_o$
$f o f d_o z_o$	$c m_o r m d_o$	$o m i d_o$	$m o m_o i d_o$
$o f f o$	$o f e f e$	$o m$	$o i d m$
$c z d f$	$f z c$	$c i f o$	$o f z w$
$o m r_o o f$	$o f m f m r d_o$	$o m_o$	$o m_o$
$b c c z_o$	$c z_o$	$c z_o m_o$	$c m_o w$
$r r r_o c m_o$	$c b c c m_o$	$c m_o i d_o$	$c i d_o o m_o$
$o c r_o r$	$r_o r b c$	$b c b b$	$b c o z$
$b c b$	b	$b w c$	c
c	$c b c$	$b c$	$b c c p r_o$
c	c	*	c
$f o r_o m_o$	$c i d_o o$	$o d_o m_o$	$o f f e$
$o i d_o m$	$o d r d r$	$o m_o m_o$	$c m_o$
c	c	c	c
c	c	$p r_o c$	$p r_o c$
$b c c_o$	$c b z_o$	c	$c z_o z_o$
$c r_o r_o r_o$	$c b$	$b x c m_o$	$c w c m_o$
$i r_o i r$	$o c$	c	c
$c r_o r_o c$	$c b c$	$b c w$	$b c w c$
$i r_o c z_o$	$i r_o c z_o$	$c z_o w$	$c w c$

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog „ less than 220 yds.
fs, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations :—
Cirrus,–Ci : Cirrocumulus,–Cc : Cirrostratus,–Cs : Altocumulus,–Ac : Altostratus,–As : Stratocumulus,–Sc : Stratus,–St : Nimbostratus,–Ns : Cumulus,–Cu : Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

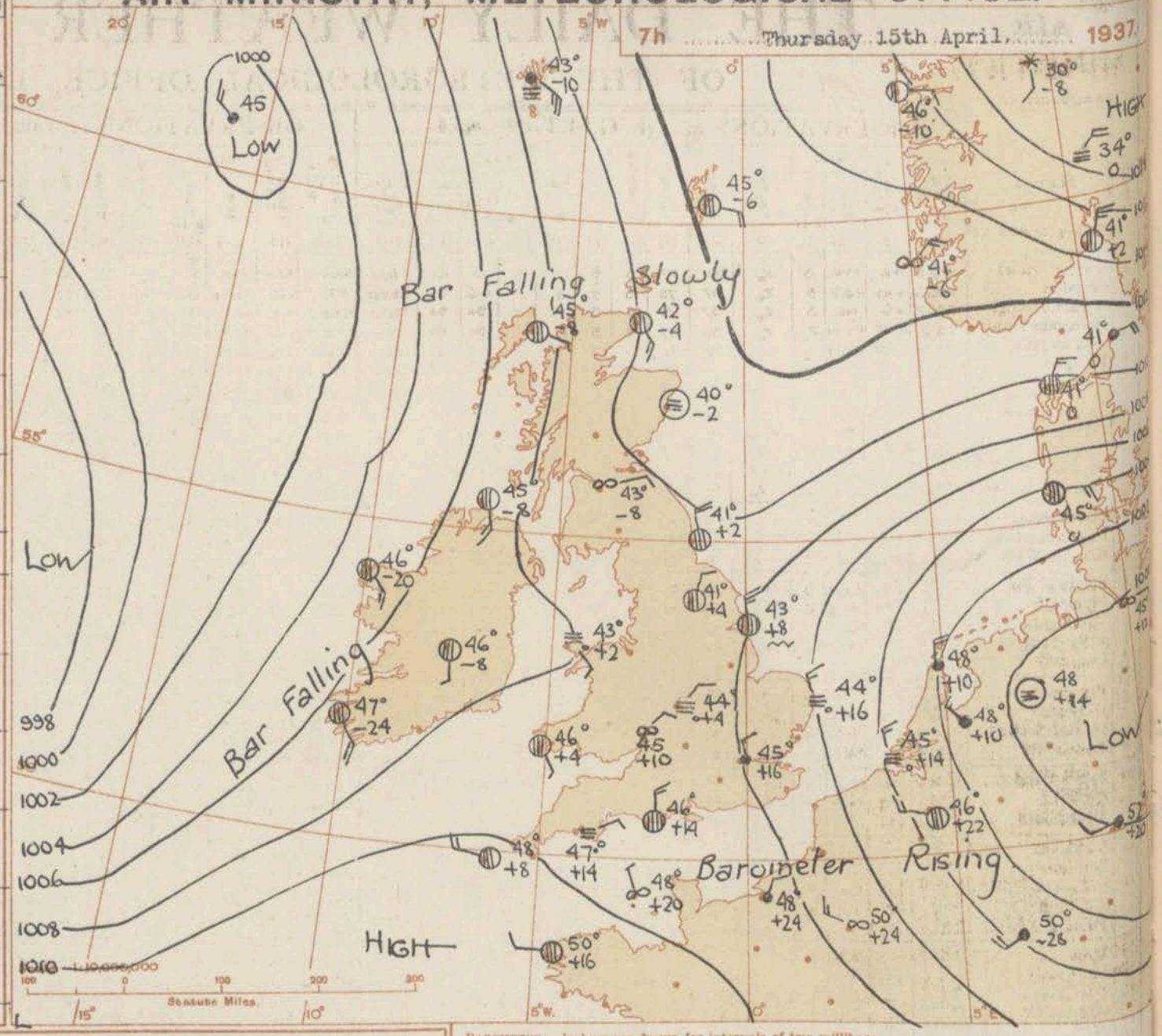
0 .. Ground dry.
1 .. „ wet.
2 .. „ flooded.
3 .. „ frozen hard and dry.
4 .. „ partly covered with snow or hail.
5 .. „ covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. „ covered with snow, less than 6 ins., deep but ground not frozen.
8 .. „ covered with snow, less than 6 ins., but 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.*

[1] See disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Thursday 15th April, ... 1937.



REPORTS from HEALTH RESORTS for 14th April 1937.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (°F). Min. 9h. 13th to 9h. 14th.	Temperature (°F). Max. 9h.—17h. 14th.	Rainfall (mm). Night. 17h. 13th to 9h. 14th.	Rainfall (mm). Day. 9h.—17h. 14th.	Sunshine (Hrs). Sunrise to 17h. 14th.	Sunshine (Hrs). Sunrise to Sunset. 13th.
1	Tunbridge W.	c	cor°	42	60	1	Trace	1·8	0·3
	Bournemouth	o	oor	43	55	2	2	0·1	1·2
	Ventnor ...	rbc	cpou	44	59	1	Trace	2·0	1·4
	Southsea ...	bccor	oiro	46	56	2	3	1·8	1·0
	Bognor Regis	beoir	cbcc	45	55	1	Trace	2·2	0·6
	Littlehampton	cbc	bcc	45	56	3	—	2·1	0·5
	Worthing ...	bce	r°	45	57	2	Trace	1·5	1·6
	Brighton ...	cbc	cbc	47	57	4	—		0·2
	Eastbourne† ...	cp°oc	cbcco	45	57	1	0·1	0·7	0·5
	Hastings† ...	cbc	c	48	58	2	—	1·5	0·8
	Folkestone ...	bc	bbcc	47	60	0·3	—	3·0	3·2
	Dover ...	b	bcem	40	61	0·2	—	11·1	3·2
	Deal	bbccb	bbco	45	59	—	—	7·0	0·8
	Ramsgate ...	bc	bcc	45	54	0·2	—	5·4	2·0
	Margate ...	bcp	c	44	53	0·3	Trace	3·8	0·5
2	Southend ...	cor°	orcm	44	54	Trace	0·3	0·7	1·0
	Maldon ...	o	oir	47	53	1	1	0·0	1·1
	Clacton-on-Sea	cpirm	oirm	43	51	1	1	0·3	0·5
	Dovercourt ...	doc	doc	45	49	Trace	Trace	0·0	2·0
	Lowestoft ...	bcofe	ofe	41	49	0·4	—	0·0	0·0
	Skegness ...	of	omo	42	45	—	Trace	0·0	0·0
	Mablethorpe...	omm°	om°d°	41	44	—	Trace	0·0	0·6
	Cleethorpes ...	ofe	of°fe	42	45	—	Trace	0·0	0·0
3	Leamington S.	o	oro	43	49	0·2	2	0·0	0·4
4	Cheltenham†	fo	oorom	43	49	1	1	0·0	2·1
5	Bath	rc	cr	43	51	2	0·5	—	0·6
	Weymouth ...	c	cpc	45	55	2	0·6	0·1	0·4
	Jersey ...	rcdc	dcbcc	47	54	7	0·3	0·5	0·0
	Torquay ...	cm°bc	mccm°	47	54	0·1	—	1·5	0·0
	Penzance ...	omcc	cbcb	48	56	1	Trace	2·9	3·9
	St. Ives ...	o	c	46	57	—	—	1·1	3·1
	Bude... ...	r°o	c	46	54	2	0·2	0·1	2·1
	Ilfracombe ...	ocro	o	45	51	3	—	0·0	4·3
6	Aberystwyth	porc	cpr	46	57	0·5	1	0·0	3·8
7	Llandudno ...	oc	bcz°	43	51	1	—	3·5	6·5
	Colwyn Bay...	cbcb	btc	40	52	3	—	3·2	6·5
	Rhyl	om°	cbcz	43	55	0·2	—	1·9	6·7
8	Wallasey ...	mcbc	bc	42	59	1	—	2·3	7·0
	Southport ...	ocbcc	cbccz	43	59	0·2	—	7·6	3·4
	Blackpool ...	c	c	42	56	Trace	—	4·6	5·0
	Morecambe ...	cbc	cbbc	45	54	—	—	4·0	3·8
9	Ilkley... ...	o	o	40	47	0·5	—	0·0	0·0
	Harrogate ...	foc	co	40	46	0·2	—	0·0	0·0
10	Berwick-on-T.	orm°	m°o	40	48	—	—	0·0	0·0
11	Dunbar ...	of	om°	41	44	—	—	0·0	0·0
12	Troon... ...	cbcc	cbc	41	58	—	—	3·5	0·0
	Douglas ...	bcz°	bcz°	43	56	1	—	7·2	7·4

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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 15th April, 1937.
1 S.E. England 2 E. England ...	Northerly to variable then southwesterly winds, light to moderate; cloudy with local drizzle at first, bright periods later; average temperature.
3 E. Midlands ... 4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Variable to southerly winds, light to moderate or fresh; bright periods at first, occasional rain later; average temperature.
10 N.E. England 11 S.E. Scotland	Variable to southerly winds, light to moderate or fresh; cloudy with local drizzle at first, then bright intervals, later occasional rain; average temperature.
12 S.W. Scotland & Isle of Man. 13 {A. W. Scotld. B.N.W. Scotland.} 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Southeasterly to southerly winds, light to moderate, becoming strong at times later; bright periods at first then cloudy with rain at times; average temperature.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	South to southwest winds, moderate to strong; cloudy, rain at times; average temperature.

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

Barometer. Isobars are drawn for intervals of two millibars.
Wind, Weather Symbols. For explanation see opposite page.
Sea Disturbance. ~~ Rough. ≈≈ High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A deep depression to the west of Ireland will move northeastwards. Cloudy conditions will be general at first with local drizzle near the east and southeast coasts; a brief interval of brighter weather will follow but later rain will spread from the Atlantic to Ireland and extend northeastwards.

FURTHER OUTLOOK.

Showers and bright periods.

Forecasts issued at 1015 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.
Director.

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

Morning of

THURSDAY, 15TH APRIL.

1937.

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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 15th April, 1937

No. 27538

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)	Rainfld. (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	1005.0	+18	NNW	3	id$_o$	45	37	6	5	-	-	10	10	450
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1004.2	+22	NNW	4	d$_o$d$_o$	44	37	4	5	-	-	10	10	220
	Manston ...	142	1003.3	+16	NNW	4	df	44	37	3	-	-	-	10	10	4150
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1003.8	+16	N'W	4	0	44	32	6	6	-	-	10	10	1500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1005.7	+20	NE	3	0	48	32	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1007.5	+18	WNW	4	c	48	32	7	5	-	-	10	10	2500
	Scilly (St.Mary's)	163	1008.5	+16	NW	4	bc	45	32	6	5	-	-	2-3	2-3	2500
	Guernsey ..	175	1006.0	+20	NNW	1	m	49	37	4	5	-	-	10	10	800
6	Pembroke ...	142	1006.7	+10	NNE	2	z$_o$	47	85	6	5	-	-	1	1	4000
7	Holyhead ...	26	1007.3	+14	E	4	b	45	32	7	-	-	-	0	0	-
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1005.5	+6	N'E	4	bc	43	37	7	5	1	-	2-3	4-6	4000
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1008.5	+2	NNE	2	m	42	37	4	-	2	-	10	10	800
11	Inchkeith ...	190	1011.4	+4	NE	3	0	40	37	7	5	-	-	10	10	1500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1008.6	+12	E	4	b	43	37	8	-	-	-	0	0	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1008.7	0	-	0	bc	42	32	7	5	-	-	2-3	2-3	2500
15	Dalwhinnie ...	1178	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	77	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1011.0	-4	SSE	3	0	42	37	6	5	-	-	10	10	450
16	Lerwick ...	156	1013.7	-2	SE	4	c	44	85	8	5	3	-	7-8	9	1500
17	Blacksod Point	18	1008.4	+6	W	2	bc	43	32	8	4	-	-	4-6	4-6	2500
18	Malin Head ...	84	1007.7	+4	SSW	2	c	45	37	7	4	3	-	7-8	9	2500
	Aldergrove ...	258	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1009.7	0	SW	1	bc	46	37	7	5	-	-	2-3	2-3	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 15th 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. Mdt. (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)
1008.0	+14	NNW	3	z$_o$	45	92	6	5	-	-	10	10	1500	2	*
1007.5	+16	N'W	2	id$_o$	45	92	5	5	-	-	9	10	450	1	*
1008.2	+16	NW	2	id$_o$	45	92	6	5	-	-	10	10	800	1	*
1008.8	+10	N	3	id$_o$	44	97	7	3	2	-	7-8	10	800	1	*
1008.6	+16	NNW	3	z$_o$	46	92	6	5	-	-	10	10	1500	1	s 1
1007.2	+20	NNW	4	id$_o$	44	92	4	5	-	-	10	10	220	1	s 1
1005.8	+12	NW	4	d$_o$d$_o$	45	92	6	6	-	-	10	10	450	1	*
1007.0	+20	NW	2	id$_o$	45	97	6	5	-	-	10	10	800	1	*
1006.4	+14	NW	3	z$_o$	45	97	5	5	2	-	7-8	10	800	1	2
1005.9	+16	NWN	3	m	44	97	4	5	-	-	10	10	800	1	2
1007.3	+14	N'W	3	z$_o$	45	97	5	5	-	-	10	10	450	1	*
1008.4	+14	NNW	4	z$_o$	43	97	5	5	-	-	10	10	450	1	*
1009.0	+4	NNE	2	m	44	92	4	5	-	-	10	10	800	1	*
1008.8	+12	N	2	9/d	44	97	4	-	2	-	10	10	450	1	*
1009.1	+10	NE	2	z$_o$	45	92	5	5	-	-	10	10	1500	1	*
1009.8	+14	N	3	o	46	92	7	5	-	-	10	10	1500	1	3
1009.5	+14	ENE	11	m	47	97	4	5	-	-	9+	9+	4000	1	1
1010.2	+10	W'N	3	c	48	97	6	5	-	-	10	10	1500	1	2
1010.5	+8	WNW	3	c	48	92	6	5	-	-	10	10	1500	1	2
1009.8	+2	NNW	1	z$_o$	48	97	5	5	-	-	10	10	800	1	2
1008.3	+4	SE'S	1	c	46	97	5	5	-	-	9+	9+	2500	1	1
1007.8	+2	SE'S	1	m	43	97	4	5	-	-	9+	9+	1500	0	1
1008.6	+2	SE	1	z$_o$	44	85	5	5	-	-	10	10	1500	1	*
1008.5	0	NE	2	z$_o$	45	85	5	5	-	-	10	10	1500	1	*
1007.5	+8	NNW	5	o	43	97	5	5	-	-	10	10	800	0	4
1003.6	+4	NNE	2	9/d	41	97	6	5	-	-	10	10	450	1	*
1003.3	+2	N	4	o	41	97	6	-	2	-	10	10	1500	1	2
1007.8	-4	NE	4	m	41	92	4	5	-	-	10	10	800	1	2
1010.0	-4	E	1	c	42	97	6	5	-	-	10	10	800	1	*
1009.2	-8	E'N	2	z$_o$	43	92	5	5	-	-	10	10	800	0	*
1009.4	-4	NE'N	3	o	41	97	5	5	-	-	10	10	220	1	*
1008.7	-2	E'S	2	z$_o$	42	97	5	5	-	-	10	10	450	1	2
1006.8	-6	SSE	4	c	44	92	7	5	-	-	9+	9+	2500	0	3
1007.4	-8	ESE	1	c	45	92	8	5	7	-	4-6	9	2500	1	1
1010.2	-6	S	2	c	35	92	8	5	5	-	2-3	7-8	4000	0	*
1010.4	-2	-	0	f	40	97	3	-	-	-	10	10	4150	1	1
1009.6	-6	SE	3	c	42	97	6	5	2	-	9+	10	800	1	2
1012.6	-6	ESE	4	c	45	85	8	5	8	-	7-8	9+	1500	1	*
1005.1	-20	SE	3	c	46	92	8	5	-	-	10	10	1500	1	3
1006.8	-8	S	3	c	45	97	6	8	2	-	7-8	9	2500	0	1
1008.1	-8	SE'E	1	z$_o$	43	92	6	5	-	-	10	10	1500	1	*
1007.4	-8	S	1	c	46	97	8	5	-	-	10	10	2500	1	*
1006.9	-24	SE'S	4	c	47	85	8	5	2	-	4-6	10	1500	1	3
1008.2	-8	SE	1	c	44	92	8	5	7	-	4-6	9	2500	1	2

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 14th Hrs. (36)
1	London (Kew)	56	44	43	Tr	Tr	1.1
	Croydon ...	58	44	43	-	Tr	0.6
	S. Farnborough	57	43	43	Tr	0.1	0.3
	Boscombe Down	52	42	42	0.5	Tr	0.0
	Calshot (Sthmtn.)	54	45	44	7	5	1.2
	Lympne ...	59	43	43	-	Tr	8.6
	Manston ...	58	43	43	-	0.1	6.0
2	Shoeburyness ...	54	45	45	0.2	Tr	1.0
	Felixstowe ...	49	43	43	1	Tr	0.0
	Gorleston ...	48	43	43	-	Tr	0.4
	Mildenhall ...	52	44	43	Tr	Tr	0.0
	Cranwell ...	48	42	42	Tr	Tr	0.0
3	Birmingham ...	48	42	41	2	Tr	0.0
	Upper Heyford	48	42	42	2	0.4	*
4	Ross-on-Wye	50	44	43	1	-	0.0
5	Portland Bill ...	54	45	*	1	-	*
	Plymouth ...	56	45	40	Tr	-	1.3
	The Lizard ...	54	46	*	0.2	-	*
	Scilly (St.Mary's)	51	47	*	-	-	0.0
	Guernsey ..	53	48	48	1	-	0.1
6	Pembroke ...	54	43	*	-	-	0.8
7	Holyhead ...	52	41	35	-	-	7.2
	Chester(Sealand)	56	44	43	-	-	0.2
8	Manchester ...	52	44	42	-	-	3.7
10	Spurn Head ...	44	42	*	Tr	Tr	0.0
	Catterick ...	44	41	41	Tr	Tr	0.0
	Tynemouth ...	43	41	40	0.1	Tr	0.0
11	Inchkeith ...	43	35	35	Tr	-	0.0
	Leuchars ...	44	41	41	3	-	0.0
12	Renfrew (Abbots I.)	38	42	42	-	-	1.4
	Eskdalemuir ...	50	35	35	4	Tr	1.1
	Point of Ayre...	43	41	*	0.5	-	7.7
13A	Tiree	55	43	42	-	-	10.7
13B	Stornoway ...	51	40	*	-	0.1	5.4
15	Dalwhinnie ...	50	34	28	-	-	2.8
	Aberdeen ...	44	40	40	0.4	Tr	0.0
	Wick ...	43	41	*	2	0.6	*
16	Lerwick ...	46	41	*	-	-	1.9
17	Blacksod Point	50	40	*	Tr	0.1	*
18	Malin Head ...	(47)	44	*	-	-	4.7
	Aldergrove ...	57	41	38	0.4	-	4.2
19	Birr Castle ...	54	45	41	2	-	0.2
20	Valentia Obsy. †	51	41	36	3	Tr	2.7
	Roches Point	50	43	*	1	Tr	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning: 24 hrs. ended 9h.	Weather. Afternoon.	Weather. Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility 9h.
Kew	18	om$_o$	cpr$_o$m$_o$	cpr$_o$m$_o$	56	44	43	Tr	Tr	1.1	*	*	5
Croydon	217	omcm$_o$	c2vom$_o$	cm$_o$d$_o$m$_o$	58	44	43	-	Tr	0.6	*	*	5
Greenwich (Royal Observatory)	149	cm$_o$	crcr$_o$	cd$_o$d$_o$m$_o$	57	44	42	0.3	Tr	0.1	86	93	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.2	*	*	*
Westminster (St. James' Park)	27	*	*	*	57	45	44	0.2		0.2	80	89	*
Regents Pk. (Botanic Gardens)‡	168	*	*	*	56	44	43	Tr	-	0.2	80	96	*
Camden Square	110	c	cpc	*	58	44	44	3	-	*	*	90	*
Kensington	80	ocpcm	cow	*	57	45	44	0.1	-	0.2	At 18h. 87	94	*
Hampstead Observatory	450	or	bc	adm	53	39	41	0.3	0.1	0.2	*	98	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.3	16-18h 14th	<0.3	1-4h 15th

Kew Observatory. Max.	Time.	Min.	Time.
0.2	10h 14th	<0.1	0-7h 15th

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	997.3	NW	2	c	54	1006.7	WNW	3	z$_o$	50	59	50	-	Tr
Brussels	996.1	WNW	2	c/pr	54	1003.5	WNW	3	9/d	46	64	46	1	0.4
Berlin						999.4	E	2	id$_o$	52		48		-
Zürich	999.5	SSE	3	rr	45	1006.0	SW	3	ir$_o$	48	55	45	24	3
Rome	999.8	SSW	6	c/d	59	1002.7	SE	2	bc	57	*	*	3	3

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

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

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 16th April, 1937.
No. 27539

OBSERVATIONS at 13h. G.M.T. 15th 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. (6)	%Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base (feet) (14)
1	London (Kew)	1008·8	+2	W	2	z_o	49	85	5	5	-	-	10	10	800.
	Croydon ...	1008·6	+2	W	2	z_o	49	85	5	5	-	-	10	10	1500.
	S. Farnborough	1008·9	0	WNW	1	0	49	85	6	5	-	-	10	10	1500.
	Boscombe Down	1009·5	-2	WSW	2	z_o	46	92	6	5	-	-	10	10	800.
	Calshot (Sthmtn.)	1009·7	0	WSW	2	z_o	48	92	6	5	-	-	10	10	1500.
	Lympne ...	1009·1	+6	W	2	c	49	85	6	5	2	-	7-8	10	800.
	Manston ...	1007·8	+4	W	4	c	51	85	6	5	-	-	10	10	800.
2	Shoeburyness ...	1008·1	+4	SW'ly	2	c	50	85	6	6	2	-	7-8	10	800.
	Felixstowe ...	1008·0	+6	W	3	z_o	52	85	6	5	-	-	10	10	1500.
	Gorleston ...	1006·7	0	NW	3	c	51	75	6	8	-	-	9+	9+	2500.
	Mildenhall ...	1008·5	+4	NNW	2	z_o	49	85	6	5	-	-	10	10	1500.
	Cranwell ...	1007·9	+6	NNW	1	z_o	47	85	6	5	-	-	10	10	1500.
3	Birmingham ...	1007·8	-8	S	1	0 f	45	92	5	5	-	-	10	10	800
	Upper Heyford	1009·0	-6	SSW	2	z_o	47	85	6	5	2	-	9+	10	800.
4	Ross-on-Wye	1007·4	-10	SE	2	z_o	53	75	5	5	-	-	9+	9+	1500.
5	Portland Bill ...	1009·7	-2	S	3	0	49	92	6	5	-	-	10	10	1500.
	Plymouth ...	1009·3	-6	SW'ly	3	z_o	52	85	6	5	-	-	10	10	1500.
	The Lizard ...	1009·4	-4	SSW	4	c	51	85	7	4	2	-	9	10	1500.
	Scilly (St.Mary's)	1008·0	-18	SSW	4	$r_o r_o$	48	85	7	8	2	-	7-8	10	1500.
	Guernsey ...	1010·5	+2	W'ly	2	z_o	52	92	5	5	-	-	10	10	1500.
6	Pembroke ...	1005·8	-2	SSW	3	z_o	49	92	6	5	7	-	4-6	9+	4000.
7	Holyhead ...	1004·7	-26	S	4	c	52	85	6	-	6	8	0	10	-
	Chester(Sealand)	1006·6	-16	SE	4	z_o	51	75	6	5	-	-	10	10	1500.
8	Manchester ...	1007·3	-18	SSE	3	z_o	50	75	5	5	-	-	10	10	1500.
10	Spurn Head ...	1007·5	0	NNW	3	c	47	85	6	5	2	-	7-8	10	1500.
	Catterick ...	1007·7	-14	SSE	1	z_o	48	85	6	5	-	-	9+	9+	1500.
	Tynemouth ...	1007·8	-12	NE	2	0	45	97	6	-	2	-	10	10	1500.
11	Inchkeith ...	1007·5	-20	NE	3	z_o	41	97	6	5	-	-	10	10	800.
12	Leuchars ...	1009·0	-10	E	2	0	43	92	6	5	-	-	10	10	720.
	Renfrew (Abbotsl.)	1005·8	-22	ENE	3	z_o	49	75	6	5	-	-	10	10	2500.
	Eskdalemuir ...	1006·1	-20	NE'N	3	c	48	75	7	5	-	-	9+	9+	1500.
	Point of Ayre...	1006·3	-18	E'S	3	z_o	48	85	6	-	1	-	0	10	-
13	Tiree	1002·5	-30	SE	5	z_o	48	85	6	5	1	-	4-6	9+	1500.
13a	Stornoway ...	1003·7	-20	S	1	c	53	65	6	1	7	7	Tr	10	4000.
15	Dalwhinnie ...	1005·5	-26	S	5	c	50	65	6	3	5	1	2-3	7-8	1500
	Aberdeen ...	1008·1	-16	ESE	2	c	44	85	6	5	-	-	9+	9+	800.
16	Wick ...	1007·7	-12	ESE	3	c	45	85	6	5	7	-	4-6	7-8	800.
	Lerwick ...	1010·9	-10	ESE	4	c	45	85	8	5	7	-	7-8	9	1500
17	Blacksod Point	998·2	-40	SE	4	RR.	46	92	7	6	-	-	10	10	450.
18	Malin Head ...	1001·2	-34	SSE	3	c	48	92	6	8	-	-	9	9	2500.
	Aldergrove ...	1003·3	-30	SE	4	c/r	46	92	5	5	-	-	10	10	800.
19	Birr Castle ...	1001·6	-28	SSW	2	ir	50	85	7	5	-	-	10	10	2500.
20	Valentia Obsy. †	998·3	-46	S'E	5	rr	48	92	6	6	-	-	10	10	800.
	Roches Point	1002·3	-38	S'W	5	rr	48	92	6	6	2	-	7-8	10	800.

OBSERVATIONS at 18h. G.M.T. 15th 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. (20)	%Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	1006·3	-18	SSW	3	z_o	50	85	6	5	-	-	10	10	800.	1	*
	Croydon ...	1006·4	-14	SW'S	3	z_o	49	85	6	5	-	-	10	10	1500.	1	*
	S. Farnborough	1006·4	-10	S'W	3	z_o	49	85	5	5	-	-	10	10	1500.	1	*
	Boscombe Down	1005·9	-18	S'W	3	z_o	48	97	5	5	-	-	10	10	800.	1	*
	Calshot (Sthmtn.)	1007·3	-16	SSW	4	z_o	49	97	5	5	-	-	10	10	1500	1	2
	Lympne ...	1007·9	-4	SSW	4	z_o	47	85	5	5	-	-	10	10	1500.	0	2
	Manston ...	1006·8	-10	SSW	4	c	50	85	6	5	-	8	9+	10	2500.	1	*
2	Shoeburyness ...	1006·8	-10	WSW	2	m	51	85	4	5	-	-	10	10	1500.	1	*
	Felixstowe ...	1007·0	-8	SW'W	2	z_o	49	85	6	5	-	-	10	10	1500.	1	2
	Gorleston ...	1006·3	-6	-	0	c	46	92	6	6	-	-	10	10	2500	0	2
	Mildenhall ...	1005·6	-18	S'W	2	z_o	49	85	5	5	-	-	10	10	1500.	1	*
	Cranwell ...	1005·9	-10	SSE	3	z_o	47	85	6	5	-	-	10	10	1500.	1	*
3	Birmingham ...	1003·9	-22	S	2	o	48	85	6	5	-	-	10	10	1500	1	*
	Upper Heyford	1005·6	-26	SSE	2	z_o	48	85	5	5	-	-	10	10	800	1	*
4	Ross-on-Wye	1003·7	-26	S	3	rf	50	92	3	-	2	-	10	10	800.	1	*
5	Portland Bill ...	1006·4	-18	SSW	3	rr	48	92	7	5	-	-	10	10	1500.	1	3
	Plymouth ...	1004·4	-34	S	4	rr	48	97	6	-	2	-	10	10	800.	1	2
	The Lizard ...	1002·2	-50	S'W	6	$r_o r_o$	50	97	4	5	-	-	10	10	800.	1	4
	Scilly (St.Mary's)	1001·5	-22	SW'W	6	ft	51	97	3	-	-	-	10	10	450.	1	3
	Guernsey ...	1008·5	-24	SSW	7	rr	49	92	7	5	-	-	10	10	1500	1	2
6	Pembroke ...	999·4	-28	SSE	6	rr	45	97	5	5	-	-	10	10	2500.	1	3
7	Holyhead ...	999·7	-30	S'W	4	$r_o r_o$	46	97	7	6	2	-	2-3	10	1500.	1	2
	Chester(Sealand)	1001·8	-34	SE'E	3	r_o	51	85	5	-	2	-	10	10	1500.	1	*
8	Manchester ...	1002·6	-26	SE'S	4	rr.	51	75	4	5	-	-	10	10	1500	1	
10	Spurn Head ...	1004·3	-18	ESE	2	o	44	97	6	5	-	-	10	10	1500.	0	1
	Catterick ...	1003·1	-26	S	2	z_o	49	75	6	5	2	-	7-8	10	1500.	1	
	Tynemouth ...	1004·1	-30	SE	2	m	42	97	4	5	-	-	10	10	800.	1	2
11	Inchkeith ...	1002·9	-20	E	4	z_o	41	97	5	5	-	-	9+	9+	800.	0	3
12	Leuchars ...	1003·1	-30	E	3	o	42	92	6	5	-	-	10	10	450.	1	*
	Renfrew (Abbotsl.)	1000·2	-34	E	4	z_o	45	85	5	5	2	-	7-8	10	4000	0	*
	Eskdalemuir ...	1000·8	-28	ESE	3	c	49	75	6	5	7	-	4-6	9	1500.	1	
	Point of Ayre...	999·6	-34	S'W	3	$r_o r_o$	46	97	4	6	-	-	10	10	450.	1	2
13	Tiree	996·9	-34	SE'S	4	RR	46	97	5	-	2	-	10	10	800.	1	3
13a	Stornoway ...	998·8	-12	ESE	2	c	48	85	7	-	7	7	0	10	-	1	
15	Dalwhinnie ...	1002·5	-30	SE	3	c	43	85	7	4	4	2	4-6	10	1500	0	*
	Aberdeen ...	1004·4	-24	SE	3	o	42	92	6	5	-	-	10	10	800.	1	2
16	Wick ...	1004·0	-20	SE	4	c	43	92	6	5	2	-	7-8	9	800.	1	3
	Lerwick ...	1008·0	-14	ESE	3	bc	44	85	8	5	-	-	2-3	2-3	2500	0	
17	Blacksod Point	992·1	-20	SE	4	id	49	97	7	6	-	-	10	10	450.	1	3
18	Malin Head ...	994·6	-60	SSE	4	c/d.	47	97	6	9	2	-	9+	10	1500.	0	2
	Aldergrove ...	996·8	-36	SSE	4	rr	47	92	5	6	2	-	9+	10	800.	1	
19	Birr Castle ...	993·7	-20	SSE	2	ir	48	97	7	6	2	-	4-6	10	2500	1	*
20	Valentia Obsy. †	993·3	-18	WSW	4	c/r	49	85	8	5	-	-	9+	9+	1500.	1	3
	Roches Point	995·3	-24	W	4	c/r	52	97	8	6	-	-	7-8	7-8	1500	1	4

PAST 24 HOURS.

Weather 7h.—13h. 15th. (37)	Weather 13h.—18h. 15th. (38)	Weather 18h. 15th. to 1h. 16th. (39)	Weather 1h.—7h. 16th. (40)
om.	om.	$cr_o r_o cm_o$	$cr_o cbc$
$om_o ld_o$	om.	odrr	$crr_o r_o bcv$
$id_o om_o p$	$om_o o$.	$oir_o R$	$oRcbc$
$old_o cm_o$	$cm_o om_o$	ocrrc	$cir_o c$
cm.	com.	$1R m_o$	$cm_o bcb$
$omid_o m_o$	bcom.	$d_o fr_o c$	dfrrcm.
$d_o oc m_o$	cm.	$d_o r_o Rom_o$	dfrrcb
$id_o m_o c$.	$cm_o mo$.	omcir	cirm.b
cm.	cm.	$cm_o cpr_o$	crrbcpr
omc.	$cz_o z_o$	$czopr_o$	$or_o r_o c$
$om_o cm_o$	cz_o.	$cr_o r$.	$crr_o r_o bc$
$om_o mcm_o$	$cm_o mo$.	$Rr_o r_o r$	$zr_o r_o r$
omgf.	0.	oir	oirc
$om cm_o$	cm.	$ld_o ir_o r_o r_o$	$cir_o bcq$
$om_o cm_o$	$czom_o d_o rr$	$rfd_o m_o ir$	orcbcc
oz.	orr.	orr	orrc
$com cm_o$	orrRrr.	orrbcpr	cPRcrr
cm	corrm.	rrmpr	crrpr
cr.	orrirf.	dfrbc	$cp_o r_o$
ozm.	ozorr.	orrc	$or_o c$
cm.	com.RRq.	cqpr	bcqpr.c
cm.	cm.rrc.	[illegible]	cpr.c
$cm_o z$.	$cz_o om_o r_o$	orrir	$ir_o orr$
cm.	$cz_o z$.	$cz Rrrm$	rrmDDm
omc.	co.	$m_o ro$	mffrr
$om_o cm_o$	com.	$om_o r_o r_o$	$m_o r_o r_o om_o$
oif.	Om.	oir_o	orr
zif z_o.	Zaif z_o.	$z_o crf$	$cr_o r_o$
$omid_o m_o$	om.	om_o	$or_o r_o rm_o$
$com_o cz_o$.	$cz_o mo$.	$cm_o RR$	$cm_o rr$
$cid_o c$.	CCz.	$cr_o r_o$	$cr_o r_o ir$
$z_o o$.	Omrm.	$r_o ror$	$r_o ro$
cz.	$z_o o$gRR.	orrir	oird
bcpr.c.	c.	c	c
c.	c.	*	cir
fecm.	coz.	$om_o d_o$	$od_o m_o$
cm.	$cm_o mo$.	cm_o	$cm_o c$
c.	cbc.	bcc	crr
Rr.	idr.	idr	preq
$cz_o z_o$.	$cz_o z_o$	$cdr_o cid_o$	$crrz_o$
$ocr cm_o c$.	cer,rr.	$crrm_o r_o$	$cr_o r_o ff$
cir.	cir.	cir	cir
$r_o r_o$rr.	$rir_o ir_o c$.	cprc	prp.c
corr.	drdrrc.	crrbc	$cpr_o c$

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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. ,, wet.
2 .. ,, flooded.
3 .. ,, frozen hard and dry.
4 .. ,, partly covered with snow or hail.
5 .. ,, covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 .. ,, covered with snow, less than 6 ins., but ground frozen.
9 .. ,, covered with snow greater than 6 ins. deep.

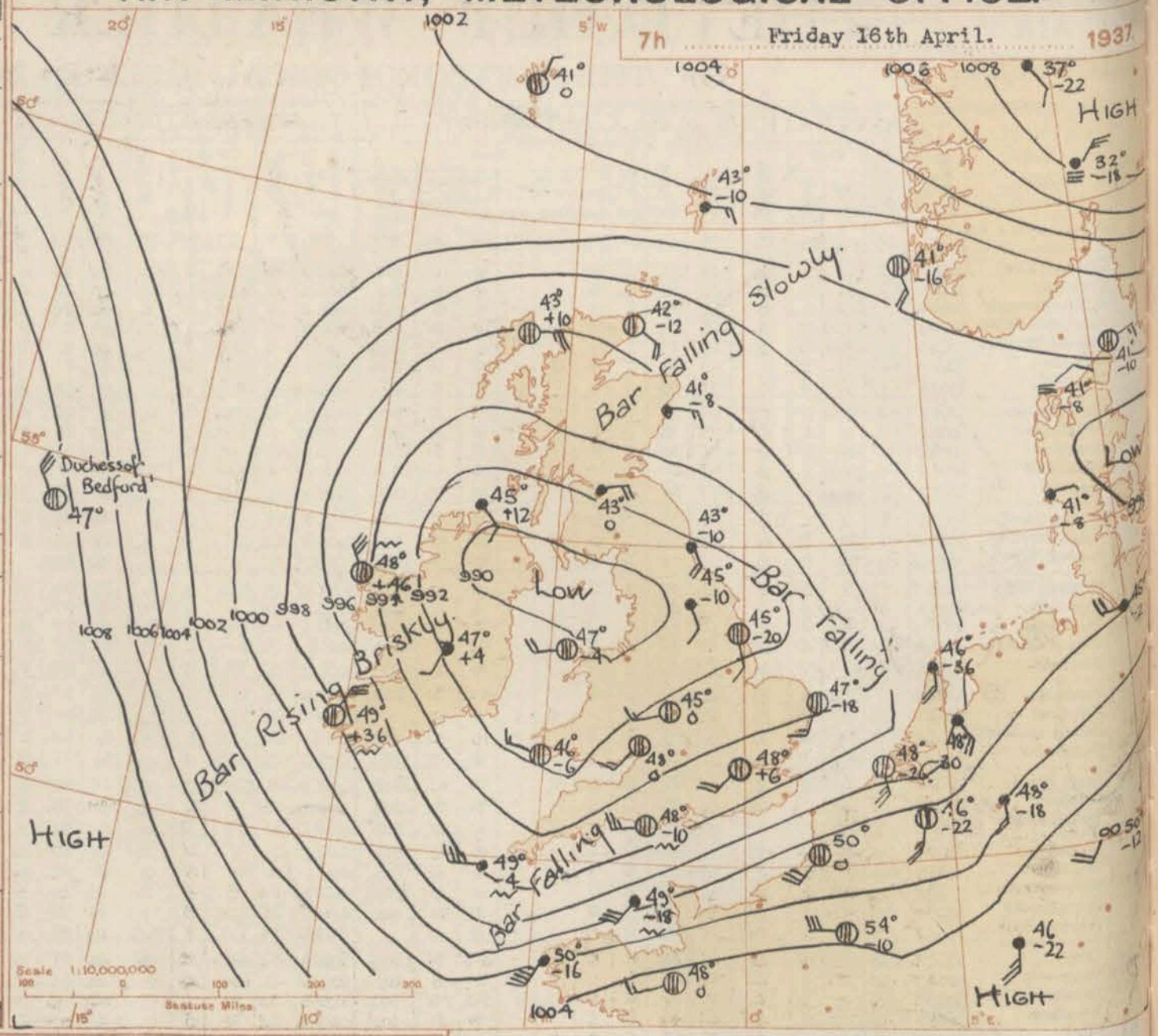
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 15th April 1937.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (F) Min. 9h. 14th to 9h. 15th.	Temperature (F) Max. 9h.—17h. 15th.	Rainfall (mm) Night. 17h. 14th to 9h. 15th.	Rainfall (mm) Day. 9h.—17h. 15th.	Sunshine (Hrs) Sunrise to 17h. 15th.	Sunshine (Hrs) Sunrise to Sunset. 14th.
1	Tunbridge W.	omo	o	43	51	Trace	-	0·0	1·8.
	Bournemouth	o	o	44	51	2	-	0·0	0·1
	Ventnor ...	ou	ocom	44	49	-	-	0·1	2.0.
	Southsea ...	o	o	45	51	2	-	0;0	1·8.
	Bognor Regis	o	o	45	49	3	-	0·0	2·2.
	Littlehampton	o	o	46	49	2	-	0·0	2·1
	Worthing ...	ocm	o	45	50	-	Trace	0·0	1·9.
	Brighton ...	c	c	45	49	Trace	-	0·0	*
	Eastbourne† ...	o	o	46	56	0·1	-	0·0	0·7
	Hastings† ...	o	o	44	52	Trace	-	0·0	1·3
	Folkestone ...	oclocc	com	44	55	Trace	-	0·9	9.0.
	Dover ...	obcc	co	45	55	Trace	-	2·6	11·5.
	Deal	o	o	44	54	-	-	0·0	7·0.
	Ramsgate ...	cm	cm	44	53	Trace	-	1·0	5·4.
	Margate ...	c	c	44	52	-	-	0·5	3·8.
2	Southend ...	omd	om	44	52	Trace	Trace	0·0	0·7
	Maldon ...	o	o	45	51	-	-	0·0	0·0.
	Clacton-on-Sea	oCm	com	43	53	Trace	-	0·2	0·3.
	Dovercourt ...	bcc	bccm.	44	54	-	-	0·7	0·0
	Lowestoft ...	c	o	45	52	0·2	-	0·1	0·0
	Skegness ...	ocbc	co	43	49	Trace	-	0·2	0·0.
	Mablethorpe...	om o	o	42	47	Trace	-	0·0	0·0.
	Cleethorpes ...	o	o	42	50	Trace	-	0·0	0·0
3	Leamington S.	o	o	43	50	Trace	-	0·0	0·0.
4	Cheltenham†	om oc	co	42	52	Trace	Trace	0·1	0·0
5	Bath	c	bcc	45	56	2	-	0·6	0·0
	Weymouth ...	oc	c	45	54	-	-	0·5	0·1
	Jersey ...	cz	obccp	48	53	-	Trace	0·7	0·5.
	Torquay ...	om	corp	48	56	Trace	0·4	0·6	1·5.
	Penzance ...	oclocc	rrmr	48	55	-	8	0·7	4·0.
	St. Ives ...	c	r	47	54	Trace	6	0·8	2·5.
	Bude... ...	om	or	47	52	-	3.	1·2	0·1
	Ilfracombe ...	o	corr	47	53	-	2.	0·0	0·0.
6	Aberystwyth	c	c	42	55	-	-	0·3	0·0
7	Llandudno ...	bc	bccgo	44	57	-	-	5·0	3·5.
	Colwyn Bay...	bczcc	codo.	44	59	-	Trace	2·5	3·2
	Rhyl	cbcz	czr	44	58	-	Trace	3·2	1·9.
8	Wallasey ...								
	Southport ...	ocz	bczocz	40	56	-	-	2·1	7·6.
	Blackpool ...	oc	coz	39	54	-	-	4·2	5·7.
	Morecambe ...	cbcbc	bcclbc	42	56	-	-	7·0	5·0.
9	Ilkley... ...	o	o	41	50	-	-	0·0	0·0.
	Harrogate ...	oc	co	40	48	Trace	-	0·0	0·0.
10	Berwick-on-T.	omm	mmo	40	44	Trace	-	0·0	0·0.
11	Dunbar ...	rom	om	40	43	0·3	-	0·0	0·0.
12	Troon... ...	bcclbc	bcbac	40	54	-	-	2·2	4·2.
	Douglas ...	cffor	cfcbc	38	47	-	0·5	0·1	8·7

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



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 16th April, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ...	Westerly winds, strong at times; squally; bright intervals with thundery showers; occasional rain later; average temperature.
8 N.W. England 9 N. Midlands ...	Variable to northwesterly winds; cloudy with occasional rain at first, showers and bright intervals later; moderate temperature.
10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Variable to northerly winds, moderate to fresh; rain at first, showers and bright intervals later; rather cold.
13 A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland	Northeast to north winds, strong at times; bright periods, showers; rather cold.
15 N. E. Scotland 16 Orkney and Shetland	Easterly to northeasterly winds, strong at times; cloudy, occasional rain; rather cold.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Northwesterly winds, moderate to strong, moderating; bright periods, showers; average temperature.

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

4.

Barometer. Isobars are drawn for intervals of two millibars.
Wind, Weather Symbols. For explanation see opposite page.
Sea Disturbance. ~~ Rough ≈≈ High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A deep depression over the Irish Sea will move eastwards. Weather will be rather unsettled generally but with considerable bright periods, particularly in the southern half of the British Isles. There will, however, be showers or occasional rain generally.

FURTHER OUTLOOK.

Bright periods, showers.

South Cone hoisted 1040 15/4/37 in districts 6,17 & 20
South Cone hoisted 2315 15/4/37 in districts 1 & 5.

Forecasts issued at 1030 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.
Director.

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

Morning of

FRIDAY,
16TH APRIL.

1937.

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 16th April, 1937.
No. 27539

OBSERVATIONS at 1 hr. G.M.T. 16th 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. 0–12 Force (4)	Weather. (5)	Temp. °F (6)	% Humid. (7)	Visibility. 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	997.7	-54	S	5	$r_o r_o$	48	97	6	6	2	.	3	10	800
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	348	1001.1	-24	S'E	4	$d_o d_o$	46	97	4	5	-	-	10	10	220
	Manston ...	142	1000.8	-42	S	4	c/r	46	97	6	5	-	-	10	10	450
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1001.1	-26	SE'S	4	$^c/_{pr}$	47	92	5	6	-	-	10	10	1500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	997.4	-34	WSW	6	rr	47	92	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1000.6	+2	SW'W	6	bc	48	92	8	8	-	-	4.6	4.6	1500
	Scilly (St. Mary's)	163	999.5	-4	W'S	7	bc	49	92	7	2	-	-	4.6	4.6	1500
	Guernsey ...	175	1002.3	-12	W'S	4	0	50	97	6	5	-	-	10	10	1500
6	Pembroke ...	142	999.9	-12	W	7	$^c/_{pr}$	48	88	7	8	-	-	7-8	7-8	2500
7	Holyhead ...	26	999.3	-30	SW	4	c	49	97	7	-	2	-	10	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	997.0	-34	SE'S	4	$^o/_r$	45	97	5	5	-	-	10	10	450
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	996.7	-24	SE	4	$r_o r_o$	42	97	6	-	2	-	10	10	1500
11	Inchkeith ...	190	996.1	-22	E	3	rf	41	97	3	5	-	-	10	10	450
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre..	30	991.0	-40	SSE	4	rr	46	97	6	6	-	-	10	10	800
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	996.5	-6	ESE	6	c	45	85	8	5	7	-	2-3	7-8	2500
15	Dalwhinnie ...	1178	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	77	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	54	1000.3	-20	SE	4	c	42	92	6	5	2	-	7-8	10	800
16	Lerwick ...	156	1004.5	-18	ESE	3	c	43	97	7	5	2	-	9	10	800
17	Blacksod Point	18	999.3	-4	NW	3	bc	47	97	8	9	-	-	4.6	4.6	1500
18	Malin Head ...	84	998.6	-20	ESE	3	$^c/_r$	45	92	7	6	2	-	9	10	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	992.4	-10	SW	3	c	47	92	7	9	-	-	7-8	7-8	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Distrct.	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. 0–12 Force (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)	995.7	+8	SW	3	bc	49	85	8	5	-	-	4-6	4-6	1500	1	*
	Croydon ...	995.8	+6	SW'W	4	bc	48	75	8	1	4	-	2-3	2-3	2500	1	*
	S. Farnborough	995.7	-2	SW'S	5	bc	49	85	8	5	8	-	2-3	2-3	1500	1	*
	Boscombe Down	995.8	-4	SSW	3	c	46	92	7	5	7	-	7-8	9	1500	1	*
	Calshot (Sthmtn.)	997.4	-4	SW'S	4	c	49	92	7	9	-	-	9+	9+	1500	1	§2
	Lympne ...	997.7	+2	SW'W	4	c	47	85	7	5	-	-	7-8	7-8	1500	1	4
	Manston ...	995.9	-2	SW'W	4	b	49	75	8	5	4	-	Tr	1	800	1	*
2	Shoeburyness ...	996.0	+2	SW'W	4	b	50	75	8	5	-	-	1	1	4000	1	*
	Felixstowe ...	995.0	-4	SW	4	$^{bc}/_{pr}$	49	85	8	4	-	-	2-3	2-3	2500	1	3
	Gorleston ...	993.6	-18	SSW	3	$^c/_r$	47	97	6	8	-	-	7-8	7-8	2500	1	3
	Mildenhall ...	993.4	-6	SW'W	4	c	48	85	8	5	3	-	4-6	10	1500	1	*
	Cranwell ...	992.0	-20	SW'S	3	$^c/_d$	47	92	7	5	-	-	9+	9+	1500	1	*
3	Birmingham ...	993.1	0	WSW	3	bc	45	85	8	5	7	1	2-3	4-6	1500	1	*
	Upper Heyford	994.7	+2	WSW	5	q	47	85	7	8	-	8	2-3	4-6	1500	1	*
4	Ross-on-Wye	993.9	0	SW	3	c	48	85	7	9	-	2	2-3	7-8	2500	1	*
5	Portland Bill ...	996.9	-10	WSW	5	c	48	92	7	4	-	-	10	10	2500	2	4
	Plymouth ...	994.5	-30	SSW	5	rr	48	97	5	6	2	-	9	10	450	1	3
	The Lizard ...	994.7	-30	WSW	7	$^c/_{pr}$	49	97	7	8	-	-	9+	9+	1500	1	4
	Scilly (St. Mary's)	995.7	-4	W'N	7	pr_o	49	92	7	8	4	-	7-8	9	1500	1	4
	Guernsey ...	999.8	-18	SW'W	6	pr	49	85	6	8	1	-	7-8	10	1500	1	4
6	Pembroke ...	991.1	-6	W'N	3	c	46	92	7	8	2	-	4-6	7-8	2500	1	2
7	Holyhead ...	990.2	+4	WSW	4	c	47	92	8	6	7	-	2-3	10	2500	1	2
	Chester (Sealand)	991.3	0	SW	2	$^o/_r$	47	85	6	5	7	-	7-8	9	2500	1	*
8	Manchester ...	991.1	-20	W'S	3	dd	46	97	5	5	-	-	10	10	800	1	*
10	Spurn Head ...	990.6	-20	S'E	2	c	45	97	6	5	2	-	7-8	9+	1500	1	2
	Catterick ...	990.4	-10	SSE	2	id_o	45	97	6	5	-	-	10	10	450	1	*
	Tynemouth ...	991.2	-10	SE	4	rr	43	97	5	6	-	-	10	10	800	1	3
11	Inchkeith ...	992.8	-8	E	4	$r_o r_o$	41	97	6	5	-	-	10	10	1500	1	3
	Leuchars ...	993.7	-6	E	2	rr	42	97	5	-	2	-	10	10	450	1	*
12	Renfrew (Abbotsl.)	992.7	0	ENE	4	rr	43	97	6	6	2	-	7-8	10	450	1	*
	Eskdalemuir ...	990.6	-10	NE'E	4	rr	42	97	6	6	-	-	10	10	800	1	*
	Point of Ayre..	989.0	-4	WSW	2	o	46	97	8	5	-	-	10	10	800	1	2
13A	Tiree	992.2	+12	NNE	3	id	44	97	7	6	2	-	7-8	9+	1500	1	3
13B	Stornoway ...	995.8	-10	ENE	5	c	43	85	8	5	7	-	7-8	9+	2500	1	3
15	Dalwhinnie ...	995.4	-4	NE	2	ir_o	39	85	7	5	-	-	10	10	1500	1	*
	Aberdeen ...	995.5	-8	E'N	3	id_o	41	92	6	5	-	-	10	10	800	1	2
	Wick ...	997.4	-12	ESE	4	c	42	97	7	5	2	-	7-8	10	800	1	3
16	Lerwick ...	1001.7	-10	E	3	rr	43	97	7	9	2	-	9	10	800	1	*
17	Blacksod Point	994.1	+46	NW	6	q	48	85	7	9	-	-	10	10	800	1	4
18	Malin Head ...	990.2	+12	SE'E	2	rr	45	97	6	6	2	-	9	10	1500	1	1
	Aldergrove ...	989.2	+10	-	0	c/f	45	97	5	5	-	-	10	10	4150	1	*
19	Birr Castle ...	991.1	+4	SSW	1	ir	47	97	7	6	2	-	4-6	10	1500	1	*
20	Valentia Obsy. †	988.1	+36	NW'N	6	c	45	75	8	9	-	-	9	9	1500	1	4
	Roches Point	994.6	+22	W'N	4	c	47	92	8	8	-	5	7-8	9	1500	1	4

PAST 24 HOURS.

Distrct.	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 15th hrs. (36)
1	London (Kew)	51	46	42	-	3	0.0
	Croydon ...	52	46	44	Tr.	4	0.0
	S. Farnborough	49	45	40	Tr.	4	0.0
	Boscombe Down	51	45	41	Tr.	5	0.1
	Calshot (Sthmtn.)	50	46	43	-	5	0.0
	Lympne ...	52	45	42	Tr.	5	0.0
	Manston ...	53	46	45	Tr.	2	0.6
2	Shoeburyness ...	53	46	42	Tr.	3	0.0
	Felixstowe ...	55	46	45	-	13	0.6
	Gorleston ...	52	45	44	-	3	1.0
	Mildenhall ...	49	46	44	-	2	0.0
	Cranwell ...	48	44	42	-	3	0.0
3	Birmingham ...	49	43	42	-	7	0.0
	Upper Heyford	48	43	40	-	5	*
4	Ross-on-Wye	54	45	41	0.6	6	0.3
5	Portland Bill ...	50	46	*	1	7	*
	Plymouth ...	54	45	43	6	9	0.2
	The Lizard ...	53	46	*	5.	5	*
	Scilly (St. Mary's)	52	48	*	3.	3	0.4
	Guernsey ...	53	47	42	1	12	0.8
6	Pembroke ...	49	44	*	7	5	0.0
7	Holyhead ...	53	45	43	1	2	2.0
	Chester (Sealand)	64	45	42	Tr.	7	0.4
8	Manchester ...	51	46	44	-	6	0.0
10	Spurn Head ...	48	43	*	-	5	0.0
	Catterick ...	51	44	44	-	3	0.2
	Tynemouth ...	44	41	41	-	4	0.1
11	Inchkeith ...	43	40	35	-	4	0.1
	Leuchars ...	44	41	40	†1r	4	0.0
12	Renfrew (Abbotsl.)	51	42	42	-	16	0.6
	Eskdalemuir ...	55	41	41	Tr.	4	1.8
	Point of Ayre..	51	46	*	1	5	1.8
13A	Tiree	49	43	43	3.	7	0.6
13B	Stornoway ...	54	43	*	Tr.	-	4.5
15	Dalwhinnie ...	51	35	38	-	0.4	4.1
	Aberdeen ...	45	40	40	-	0.1	1.0
16	Lerwick ...	46	42	*	-	-	*
17	Blacksod Point	49	45	*	7.	4	*
18	Malin Head ...	46	45	*	Tr.	9*	0.5
	Aldergrove ...	47	44	42	2.	6	0.0
19	Birr Castle ...	52	45	43	5.	4	0.2
20	Valentia Obsy. †	55	46	41	10.	2	0.5
	Roches Point	52	44	*	9.	3	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (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	om_o	om_o	$cr_s mdbc$	51	46	42	-	3	0.0	*	*	6
Croydon	217	$om_o id_o$	om_o	$odr_s bcv$	52	46	44	Tr	4	0.0	*	*	8
Greenwich (Royal Observatory)	149	$om_o f$	$of_o m_o$	$cr_o rc$	51	46	40	-	4	0.0	86	69	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park)	27	*	*	*	52	47	42	3		0.0	82	67	*
Regents Pk. (Botanic Gardens)†	168	*	*	*	53	46	43	-	4	0.0	73	89	*
Camden Square	110	c	co	*	52	46	43	-	4	*	At 18h.	69	*
Kensington	80	co	bc	*	50	47	43	-	3	0.0	82	73	*
Hampstead Observatory	450	od	o	$or_s bc$	48	44	35	0.1	4	0.0	*	77	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 16th

South Kensington.

Max.	Time.	Min.	Time.
0.3	12.15h 15th	40.3	2.5h 16th

Kew Observatory.

Max.	Time.	Min.	Time.
0.2	15h 15th	40.1	0-7h 16th

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.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris	1010.6	W	3	2_o	52	1002.7	WNW	6	c/rs	54	54		-	5
Brussels	1007.8	WNW	3	9a	48	999.1	SSW	5	$^o/_r$	46	48	46	Tr	4
Berlin						1002.2	W'S	3	2_o	50		48		7
Zürich	1011.0	WNW	3	DR	48	1009.9	SSW	3	ir_o	48	52	46	9	2
Rome	1005.4	WNW	4	bc	59						*	*	-	

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

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

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 17th April, 1937.

No. 27540

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)	994·1	−4	SSW	3	ir	52	85	5	6	2	–	7-8	10	1500
	Croydon ...	993·8	−10	SW'S	4	pr	51	85	6	9	–	–	10	10	1500
	S. Farnborough	993·7	−10	SW'S	4	pr$_o$	54	85	8	9	3	–	7-8	9+	2500
	Boscombe Down	995·0	+8	WNW	4	c	52	75	8	8	–	–	9+	9+	1500
	Calshot (Sthmtn.)	994·8	−6	W	5	c/pr	55	75	8	8	3	–	7-8	7-8	1500
	Lympne ...	996·0	−14	SSW	4	id	49	85 92	4	6	–	–	10	10	450
	Manston ...	995·3	−10	SW	5	c/pr	50	85	7	9	–	–	9+	9+	800
2	Shoeburyness ...	994·7	−10	S'W	4	c	55	75	8	8	–	3	7-8	9	2500
	Felixstowe ...	994·6	−6	S'E	3	c	52	75	8	5	–	–	7-8	7-8	2500
	Gorleston ...	994·1	−4	SW'S	4	c	53	65	6	8	–	–	7-8	7-8	2500
	Mildenhall ...	993·1	−2	WSW	3	c	57	65	8	8	–	–	9	9	2500
	Cranwell ...	992·7	+2	W	4	c	56	65	7	8	3	3	4-6	7-8	1500
3	Birmingham ...	993·4	+4	WSW	2	bc/pr	49	85	8	8	–	–	4-6	4-6	2500
4	Upper Heyford	994·2	0	WSW	3	c	52	75	9	9	7	5	4-6	9	1500
	Ross-on-Wye	993·5	0	W	4	bc	57	65	8	2	–	1	4-6	4-6	4000
5	Portland Bill ...	997·8	+28	WNW	5	c	48	92	7	4	–	–	10	10	2500
	Plymouth ...	999·1	+24	W	5	c/pr	53	75	7	9	–	–	10	10	1500
	The Lizard ...	1001·3	+20	W	7	c	51	85	7	8	–	–	9	9	1500
	Scilly (St. Mary's)	1003·1	+34	WNW	7	bc	53	75	7	8	3	–	2-3	4-6	2500
	Guernsey ...	1001·1	+22	WNW	5	q	53	85	7	8	–	–	9	9	1500
6	Pembroke ...	995·9	+12	WNW	5	ir	49	92	6	8	–	–	9+	9+	2500
7	Holyhead ...	992·6	+12	NW'N	4	c	48	97	8	5	–	–	7-8	7-8	450
8	Chester (Sealand)	992·5	+10	NW'N	3	RR	50	85	5	6	2	–	7-8	10	800
	Manchester ...	992·1	+8	W'S	4	Z$_o$	52	75	6	8	3	–	7-8	10	2500
10	Spurn Head ..	991·5	+2	WSW	4	rr	47	97 92	6	5	2	9−	4-6	10	800
	Catterick ...	991·3	+6	–	0	rr	47	97	6	6	2	–	9	10	450
	Tynemouth ...	991·7	+4	ENE	2	rr	43	97	5	–	2	–	10	10	1500
11	Inchkeith ...	994·4	+10	ENE	4	ir$_o$	42	97	7	5	–	–	10	10	2500
12	Leuchars ...	995·1	+6	NE	2	r$_o$r$_o$	43	92	6	5	–	–	10	10	800
	Renfrew (Abbotsl.)	994·5	+14	NEE	4	c/r	45	92	7	5	–	–	10	10	800
	Eskdalemuir ...	992·7	+10	NNE	4	rr	43	92	7	6	–	–	10	10	1500
	Point of Ayre...	992·1	+8	NNW	1	c	50	97	6	5	2	–	2-3	9	1500
13A	Tiree	996·1	+22	NNE	3	c/r	45	92	8	5	1	–	9+	10	1500
13B	Stornoway ...	997·3	+4	E	3	c	49	75	8	5	7	–	4-6	7-8	4000
15	Dalwhinnie ...	*	+2	NE	2	ir$_o$	42	85	7	4	2	–	4-6	10	2500
	Aberdeen ...	996·1	+2	N	1	c/d	43	97	6	5	2	–	7-8	10	450
16	Wick ...	997·3	0	E	3	d$_o$d$_o$	43	97	6	5	2	–	7-8	10	800
	Lerwick ...	1001·0	−6	ENE	3	c	45	75	8	8	7	1	7-8	10	1500
17	Blacksod Point	1002·5	+22	NNW	7	q	50	75	7	9	–	–	10	10	800
18	Malin Head ...	995·6	+24	N	2	c/r	45	97	6	8	2	–	7-8	10	1500
	Aldergrove ...	993·8	+26	NW	3	ir$_o$	48	75 52	6	5	2	–	9+	10	800
19	Birr Castle ...	998·9	+38	NW	3	c/r	49	85	7	6	2	–	4-6	10	1500
20	Valentia Obsy. †	1007·6	+42	NW	6	bc/pr	51	75	8	8	–	–	4-6	4-6	1500
	Roches Point	1001·4	+42	NW	6	q	52	75	9	3	–	–	7-8	7-8	1500

OBSERVATIONS at 18h. G.M.T. 16th 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)	996·0	+8	SSW	2	Z$_o$	52	75	5	8	7	–	9	10	1500	1	*
	Croydon ...	995·9	+6	SW	3	Z$_o$	50	85	6	2	6	3	2-3	9	2500	1	*
	S. Farnborough	996·6	+10	W'S	5	pr$_o$	53	75	8	9	6	3	7-8	9+	2500	1	*
	Boscombe Down	998·2	+32	W	6	u	52	85	8	8	7	–	4-6	7-8	1500	1	*
	Calshot (Sthmtn.)	998·0	+14	W'S	4	c/pr	53	85	8	9	3	–	7-8	9	1500	1	2
	Lympne ...	996·9	+16	SW'W	3	c	50	75	7	4	6	–	4-6	7-8	2500	1	3 4
	Manston ...	996·1	+20	W	4	bc	49	85	7	8	3	–	2-3	4-6	2500	1	*
2	Shoeburyness ...	996·0	+12	SW	2	bc	49	85	8	3	1	3	2-3	4-6	2500	1	*
	Felixstowe ...	995·4	+16	–	0	r$_o$r$_o$	48	92	7	5	2	–	7-8	9+	1500	1	2
	Gorleston ...	994·2	+8	S'W	3	c	55	85	6	8	–	–	7-8	7-8	2500	1	2
	Mildenhall ...	994·0	+2	SW'S	3	c/ir$_o$	52	85	6	8	6	3	4-6	7-8	2500	1	*
	Cranwell ...	993·8	+12	W	4	PR	51	75	6	9	3	–	9+	9+	1500	1	*
3	Birmingham ...	995·2	+14	WNW	4	pr$_o$	48	92	6	9	–	–	9+	9+	1500	1	*
4	Upper Heyford	995·5	+14	W	4	c/r	49	85	8	8	7	–	7-8	10	1500	1	*
	Ross-on-Wye	997·3	+20	W'N	4	q	50	75	8	8	7	8	9	9+	2500	1	*
5	Portland Bill ...	1000·2	+34	WNW	6	c	50	85	7	4	–	–	10	10	2500	1	4
	Plymouth ...	1004·0	+20	WNW	7	bc	52	75	8	9	7	–	4-6	4-6	1500	1	3
	The Lizard ...	1006·6	+32	W	7	c	50	75	7	8	6	–	4-6	7-8	1500	1	4
	Scilly (St. Mary's)	1008·5	+36	NW'W	7	b	51	75	7	–	–	–	0	0	–	1	4
	Guernsey ...	1004·6	+32	WNW	5	ir$_o$	50	85	6	8	–	–	9	9	1500	1	4
6	Pembroke ...	1000·9	+32	NW	8	q	49	75	7	8	6	–	4-6	7-8	2500	1	4
7	Holyhead ...	996·9	+30	NW	5	ir$_o$	47	97	7	6	2	–	4-6	10	450	1	3
8	Chester (Sealand)	994·9	+20	W	5	ir$_o$	49	85	6	6	2	–	9	10	800	1	*
	Manchester ...	993·9	+16	W'N	4	Z$_o$	49	85	6	6	3	–	4-6	10	800	1	*
10	Spurn Head ..	992·8	+10	SW	3	rr	46	97	6	5	2	–	4-6	10	800	1	2
	Catterick ...	993·3	+14	NW'N	3	r$_o$r$_o$	45	92	6	6	2	–	7-8	10	1500	1	*
	Tynemouth ...	992·9	+8	NNE	3	rr	42	97	6	–	2	–	10	10	800	1	2
11	Inchkeith ...	997·9	+6	ENE	3	r$_o$r$_o$	41	97	7	5	–	–	10	10	1500	1	2
12	Leuchars ...	999·7	+14	NE	1	r$_o$r$_o$	42	97	6	5	–	–	10	10	450	1	*
	Renfrew (Abbotsl.)	997·4	+18	–	0	r$_o$r$_o$	45	92	5	5	–	–	10	10	4000	1	*
	Eskdalemuir ...	995·6	+16	NNE	6	ir	41	92	7	6	–	–	10	10	1500	1	*
	Point of Ayre...	995·9	+20	N'E	2	r$_o$r$_o$	46	97	6	6	–	–	10	10	1500	1	1
13A	Tiree	998·8	+18	NW	3	ir$_o$	45	97	7	5	2	–	7-8	10	800	1	2
13B	Stornoway ...	999·2	+12	NE	3	c	47	85	8	5	7	–	7-8	10	2500	1	2
15	Dalwhinnie ...	*	+10	NNE	2	c	41	92	6	5	–	–	10	10	1500	0	*
	Aberdeen ...	997·6	+10	NNE	1	o	43	92	6	5	–	–	10	10	450	1	1
16	Wick ...	998·8	+10	ENE	3	d$_o$d$_o$	42	97	5	5	2	–	7-8	10	800	1	3
	Lerwick ...	1000·3	−4	ENE	3	c	45	85	8	8	7	9	4-6	9	1500	0	*
17	Blacksod Point	1007·0	+26	NNW	6	c	47	85	8	9	–	–	7-8	7-8	800	1	4
18	Malin Head ...	999·4	+20	NW	3	c/r	47	97	6	9	–	–	9+	9+	1500	1	2
	Aldergrove ...	998·9	+26	NNW	3	r$_o$r$_o$	45	97	7	5	2	–	9+	10	800	1	*
19	Birr Castle ...	1004·2	+34	NW	4	c/pr	49	75	8	3	7	–	4-6	7-8	1500	1	*
20	Valentia Obsy. †	1012·7	+24	NW'N	6	bc/pr	49	65	8	8	–	–	4-6	4-6	2500	1	4
	Roches Point	1007·9	+38	NW	7	q	48	75	9	3	–	–	4-6	4-6	1500	1	4

PAST 24 HOURS.

Weather. 7h.—13h. 16th (37)	13h.—18h. 16th (38)	18h. 16th to 1h. 17th (39)	1h.—7h. 17th (40)
bccir	crbctc	prpR	r$_o$r$_o$ir$_o$
bcvcpr$_o$	PRqtlr$_o$	Rqr$_o$r$_o$	crrr$_o$r$_o$
cpr$_o$r$_o$r$_o$	PRr$_o$bcc	cpror	rre
cpr$_o$d$_o$c	cpr	corr$_o$r$_o$	or$_o$r$_o$ac
cprqddm$_o$	cPRr$_o$r$_o$	c	c
cpr$_o$cm$_o$	obcprbc	cd$_o$d$_o$rr	ord rrm$_o$
bccpr$_o$	cprbc	~~rrmm~~ rr bir m$_o$	or$_o$rror$_o$
bcBPc	r$_o$Rr$_o$bc	cRrr	r$_o$r$_o$c
bccyc	crrr$_o$r$_o$	cr$_o$r$_o$	cr$_o$r$_o$m$_o$
cpr$_o$	cpr$_o$c	bcoir$_o$	oir$_o$
circ	jpclpr$_o$	ctter	crrr$_o$c
d$_o$d$_o$Rrr	cpr$_o$	r$_o$r$_o$rRr$_o$r$_o$	cr$_o$r$_o$ir$_o$
bccprr	cPR	oir	orr$_o$
cr$_o$r$_o$c	tlPRh$_o$	crr$_o$r$_o$	crrm$_o$
rcbcpbc	p$_o$c	cqr	cqr
cpr$_o$	c	co	oc
crrir$_o$pr$_o$	cbc	bcb	bbc
cq	cq	cbccq	cbcq
cbcc	bcb	bbc	bcc
cprir	cq	cir$_o$	bccq
cqmir	cqpr[1]	bccq[SH]	bcq b[SH]
cpr$_o$d$_o$c	id$_o$ir$_o$c	r$_o$r$_o$rrc	r$_o$r$_o$c[SH]
cm$_o$bcr$_o$	cm$_o$RRc$_o$	cm$_o$r$_o$RR	cm$_o$RR$_o$
ddrr$_o$r$_o$z$_o$	cz$_o$m$_o$	cm$_o$rrr	cr$_o$r$_o$d$_o$
corr	rr	orr	rrfoq
dom$_o$rr	rrm$_o$r$_o$	om$_o$r$_o$r$_o$	cr$_o$r$_o$c
orrff	orr	orr	orrffo
r$_o$r$_o$c	r$_o$r$_o$	r$_o$r$_o$o	ir$_o$c
or$_o$r$_o$m$_o$	oir$_o$r$_o$	~~m~~r$_o$r$_o$m$_o$	cm$_o$
cm$_o$rm$_o$r	cr$_o$r$_o$	cm$_o$rrc	cir$_o$
ir$_o$cr	crir	cirr$_o$m$_o$	cr$_o$r$_o$m$_o$
oc	cozr$_o$	rr	r$_o$r
d$_o$ir$_o$	cdir$_o$	cdr	cir
c	c	c	d$_o$d$_o$c
ciro	ciro	*	ciro
od$_o$m$_o$	cm$_o$o	off d$_o$	cr$_o$r$_o$
cd$_o$d$_o$	cd$_o$d$_o$	cdd	cddc
crr	c	c	c
PRcq	PRcq	PRcq/	prcq
cir$_o$	cir	crrcrr	cr$_o$r$_o$
o,dd,r$_o$c	rr$_o$r$_o$c	cr$_o$r$_o$r$_o$	cr$_o$r$_o$c
cir	cirpr	cprbc	bc
cpr$_o$bc	cpr$_o$bc	pr$_o$bc	prbcc
cprqv	pr$_o$qv	pr$_o$qbc	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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. ,, wet.
2 .. ,, flooded.
3 .. ,, frozen hard and dry.
4 .. ,, partly covered with snow or hail.
5 .. ,, covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 .. ,, covered with snow, less than 6 ins., but 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.*

[1] Sea disturbance reported from Dungeness.

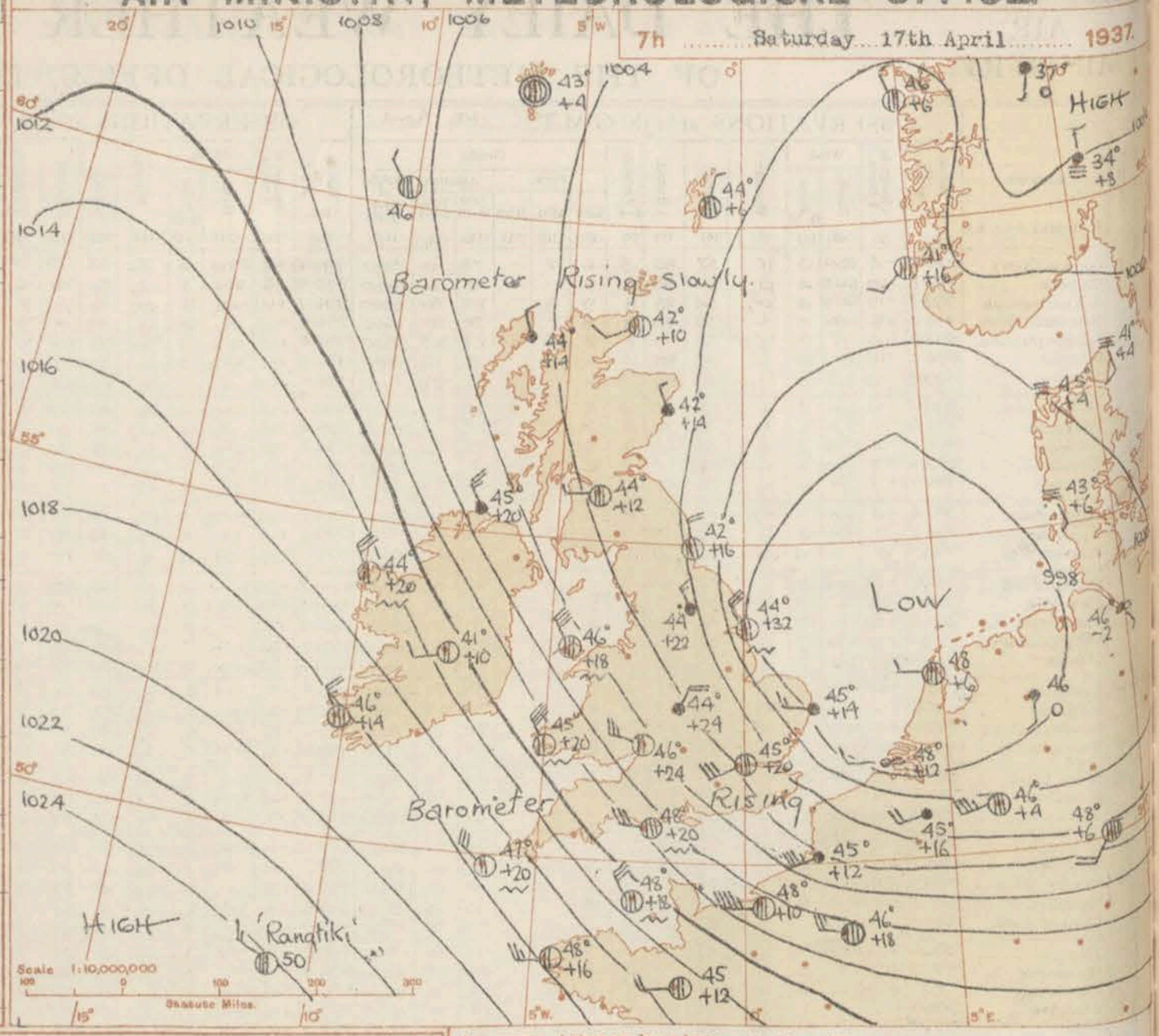
REPORTS from HEALTH RESORTS for 16th April 193

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (°F) Min. 9h. 15th to 9h. 16th	Temperature (°F) Max. 9h.—17h. 16th	Rainfall (mm) Night. 17h. 15th to 9h. 16th	Rainfall (mm) Day. 9h.—17h. 16th	Sunshine (Hrs) Sunrise to 17h. 16th	Sunshine (Hrs) Sunrise to Sunset. 15th
1	Tunbridge W.	o dep	cpbc	45	54	5	0·3	4·2	0·0
	Bournemouth	bcr	rcr	45	55	10	5	2·3	0·0
	Ventnor ...	rcrmb	rbor	46	56	8	4	2·7	0·1
	Southsea ...	bcep	bcp	46	56	7	3	2·7	0·0
	Bognor Regis	bcpr	bcpr	47	56	9	2	2·8	0·0
	Littlehampton	cbcpc	cpbc	46	56	8	2	3·3	0·0
	Worthing ...	bcoir	bcep	47	56	9	1	3·0	0·0
	Brighton ...	dcrb	cbcbc	47	56	7	1	3·7	0·0
	Eastbourne† ...	cr,r,	r,cbcc	47	55	9	2	4·8	0·0
	Hastings† ...	core	bccpc	46	55	6	1	2·5	0·0
	Folkestone ...	ocbco	orcbc	46	54	4	1	4·6	0·3
	Dover ...	cbce	corbc	47	55	3	1	5·8	2·5
	Deal	cbbcc	cr,c	45	55	2	0·5	5·7	0·0
	Ramsgate ...	bccpcp	cpc	47	54	2	0·3	4·9	1·0
	Margate ...	bc	bccp	46	55	2	Trace	5·2	0·5
2	Southend ...	cpbc	cpbcb	46	54	3	3	4·9	0·0
	Maldon ...	bbcc	porcb	46	56	3	2	5·0	0·0
	Clacton-on-Sea	bcc	cpc	46	54	4	2	4·6	0·2
	Dovercourt ...	pbc	bcroc	47	55	4	3	5·5	0·7
	Lowestoft ...	c	bc	45	58	4	-	4·7	0·1
	Skegness ...	corr	cp,bc	44	54	3	2	0·7	0·2
	Mablethorpe...	opr	orbccr	43	53	4	2	0·5	0·0
	Cleethorpes ...	oro	or	43	51	4	2	0·0	0·0
3	Leamington S.	cbc	cp	44	58	5	3	4·5	0·0
4	Cheltenham†	cirbc	bccir	44	57	6	2	4·3	0·1
5	Bath	Rcbc	bbcc	46	55	5	5	3·6	0·6
	Weymouth ...	rccb	cp,c	45	55	15	0·1	2·6	0·5
	Jersey ...	crc	pcbcc	47	53	7	0·2	2·8	0·7
	Torquay ...	bc	cq	45	55	11	-	2·9	0·6
	Penzance ...	bcbcb	bq	48	56	7	-	9·4	0·7
	St. Ives ...	c	c	48	55	8	-	3·0	0·8
	Bude... ...	orc	cp	45	52	13	2	0·3	1·2
	Ilfracombe ...	rrebc	corro	46	53	11	3	0·9	0·0
6	Aberystwyth	prbcc	cpr	46	51	6	3	1·1	0·3
7	Llandudno ...	cid,o	ir,o	46	50	11	1	0·1	5·0
	Colwyn Bay...	cbcod	dopo	47	52	5	2	0·3	2·5
	Rhyl	cd,	cdr,o	46	52	7	0·5	0·1	3·2
8	Wallasey ...	oc	cr,o	45	51	9	Trace	0·3	
	Southport ...	cp,o	ococ	45	50	10	0·1	0·2	2·1
	Blackpool ...	cop	ocz	46	49	12	Trace	0·0	4·2
	Morecambe ...	circc	coir	45	49	8	0·5	0·0	7·0
9	Ilkley... ...	opo	or	42	53	6	1	0·0	0·0
	Harrogate ...	corr	corr	41	49	3	7	0·0	0·0
10	Berwick-on-T.	or,,	r,,o	40	42	5	5	0·0	0·0
11	Dunbar ...	cmrr	orr	40	43	4	3	0·0	0·0
12	Troon... ...	bcor	or,oc	44	49	7	Trace	0·0	2·2
	Douglas ...	cbd,m	cd,mq	43	51	13	0·5	1·1	0·1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Saturday 17th April ..... 1937.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~ Rough. ≈≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 17th April, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Northwesterly winds, strong locally, moderating; cloudy with occasional rain at first, bright periods and thundery showers later; average temperature.
5 S.W. England 6 South Wales ... 7 North Wales ...	Northwesterly winds, moderate to strong; bright periods, showers; average temperature.
8 N.W. England 9 N. Midlands ...	As 1 - 4.
10 N.E. England 11 S.E. Scotland	Variable to westerly winds, light to fresh; occasional rain at first, brighter periods later; average temperature.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. / B.N.W.Scotland. 14 Mid Scotland	Northerly winds, backing towards west, moderate to fresh; fair periods, showers; average temperature.
15 N. E. Scotland 16 Orkney and Shetland	Variable to westerly winds, moderate to strong, moderating; bright periods, occasional showers; average temperature.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Northwest to west winds, moderate to strong, moderating; bright periods, occasional showers; average temperature.

GENERAL INFERENCE.

A depression over the North Sea will move away eastwards and a ridge of high pressure from the Atlantic southeastwards across the British Isles. After occasional rain in the East and North there will be bright intervals generally and occasional showers, heavy locally.

FURTHER OUTLOOK.

Mainly fair in the East; probably rain spreading in over Ireland from the Atlantic.

Times of issue of Gale Warnings.

- South Cone hoisted 1040 15/4/37 in districts 6, 17 and 20.
- South Cone hoisted 2315 15/4/37 in districts 1 and 5

Forecasts issued at 10.15 G.M.T.

GEORGE C. SIMPSON, K.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

SATURDAY
17TH APRIL.

1937.

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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 17th April, 1937.

No. 27540

OBSERVATIONS at 1 hr. G.M.T. 17th 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	29.7	+14	W	5	$r_o r_o$	47	85	7	6	2	-	7-8	10	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	29.7	+18	W	4	ir	47	85	5	6	-	-	10	10	1500
	Manston ...	142	28.2	+14	SW	4	c	48	85	7	5	-	-	10	10	4000
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	29.8	+4	SW	4	$r_o r_o$	47	92	6	6	-	-	10	10	1500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1006.2	+12	WNW	6	c	48	85	8	5	-	-	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1012.5	+16	WNW	7	c	47	65	7	8	-	-	7-8	7-8	1500
	Scilly (St. Mary's)	163	1013.7	+20	NW	6	bc	47	75	8	8	-	-	4.6	4.6	2500
	Guernsey ..	175	1013.7	+18	NW	6	bc	47	75	7	8	-	-	4.6	4.6	2500
6	Pembroke ...	142	1006.4	+16	NW	8	q	46	78	7	8	-	-	7-8	7-8	2500
7	Holyhead ...	26	1002.4	+14	NW	7	$r_o r_o$	47	92	7	6	2	-	4.6	10	450
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	29.4	+8	NW	3	$r_o r_o$	44	97	6	5	-	-	10	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	29.7	+16	N	5	rr	42	97	6	6	-	-	10	10	800
11	Inchkeith ...	190	1000.2	+8	W	2	o	42	92	6	5	-	-	10	10	800
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1001.5	+16	NNW	9	rr	45	97	7	6	-	-	10	10	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1002.0	+12	N	2	c	43	97	7	5	2	-	4.6	10	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	77	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1001.6	+8	NE	2	dd	42	97	6	5	2	-	7-8	10	800
16	Lerwick ...	156	1001.7	+6	-	0	c	42	92	8	8	3	-	4.6	7-8	800
17	Blacksod Point	18	1011.2	+20	NW	6	bc	45	65	8	9	-	-	4.6	4.6	1500
18	Malin Head ...	84	1003.5	+28	NW	4	rr	45	97	6	6	-	-	9+	9+	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1016.5	+6	NW	6	c	46	97	8	8	-	-	7-8	7-8	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 17th 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)	1003.5	+24	W'N	4	ir$_o$	46	75	8	5	-	-	10	10	1500	1	*
	Croydon ...	1003.2	+20	NW'W	4	s_r	48	85	6	6	7	-	9	10	1500	1	*
	S. Farnborough	1004.4	+20	W	4	rr	45	92	7	6	2	-	7-8	10	800	1	*
	Boscombe Down	1005.0	+20	WNW	5	c	45	85	8	5	2	-	9	9+	1500	1	*
	Calshot (Sthmtn.)	1005.7	+18	W	5	s_r	47	85	8	8	7	-	4.6	10	1500	1	2
	Lympne ...	1002.2	+16	WNW	5	$r_o r_o$	44	85	6	6	-	-	10	10	450	1	4
	Manston ...	1000.8	+22	WNW	4	ir$_o$	45	85	7	6	2	-	9	10	1500	1	*
2	Shoeburyness ...	1001.6	+22	WNW	3	$r_o r_o$	44	85	7	6	2	-	7-8	10	800	1	*
	Felixstowe ...	29.7	+22	W'N	4	$r_o r_o$	44	85	6	6	2	-	7-8	10	800	1	3
	Gorleston ...	29.8	+14	W'N	3	ir$_o$	45	92	6	6	-	-	10	10	1500	1	2
	Mildenhall ...	1000.3	+22	NW'W	5	ir$_o$	44	85	7	6	-	-	10	10	1500	1	*
	Cranwell ...	1001.6	+30	WNW	5	ir$_o$	42	92	7	6	-	-	10	10	800	1	*
3	Birmingham ...	1004.8	+24	NW	4	$r_o r_o$	44	92	7	6	-	-	10	10	800	1	*
	Upper Heyford	1004.1	+28	W'N	4	$r_o r_o$	44	97	6	6	2	-	7-8	10	800	1	*
4	Ross-on-Wye	1006.5	+24	WNW	5	q	46	75	8	5	8	9	4.6	4.6	2500	1	*
5	Portland Bill ...	1008.0	+20	WNW	6	c	48	85	7	4	-	-	10	10	2500	1	4
	Plymouth ...	1013.0	+18	NW'W	3	bc	47	75	8	8	-	-	4.6	4.6	1500	1	2
	The Lizard ...	1015.1	+16	WNW	6	q	46	65	7	2	-	-	4.6	4.6	2500	1	4
	Scilly (St. Mary's)	1016.9	+20	NW'W	6	bc	47	65	8	2	6	-	4.6	4.6	2500	1	4
	Guernsey ..	1012.9	+18	NW	6	q	48	75	7	8	-	-	9	9	2500	1	4
6	Pembroke ...	1011.2	+20	NW	8	q	45	75	7	5	-	-	1	1	2500	1	4
7	Holyhead ...	1006.2	+18	NW	8	c	46	85	8	5	-	-	9+	9+	1500	1	4
	Chester (Sealand)	1004.7	+22	W	6	$r_o r_o$	45	85	6	6	2	-	7-8	10	800	1	*
8	Manchester ...	1003.4	+20	NW	4	$d_o d_o$	45	92	6	6	2	-	4.6	10	800	1	*
10	Spurn Head ...	29.4	+32	NNW	6	q	44	97	7	5	-	-	10	10	800	1	4
	Catterick ...	1002.5	+22	N'W	3	ir$_o$	44	85	7	6	-	-	10	10	800	1	*
	Tynemouth ...	1001.8	+16	N	4	o	42	97	6	-	2	-	10	10	1500	1	2
11	Inchkeith ...	1003.7	+14	SW	2	o	42	97	6	5	-	-	10	10	800	0	1
	Leuchars ...	1002.3	+16	WNW	1	c	43	97	6	5	-	-	9+	9+	1500	1	*
12	Renfrew (Abbotsl.)	1003.7	+12	W	1	s_r	44	92	7	5	2	-	7-8	10	4000	1	*
	Eskdalemuir ...	1003.2	+18	SSE	1	$r_o r_o$	41	97	6	6	2	-	9+	10	1500	1	*
	Point of Ayre ...	1004.2	+10	NW'N	5	$r_o r_o$	45	97	7	6	-	-	10	10	1500	1	2
13A	Tiree	1004.3	+16	NNW	3	c	46	92	7	8	3	-	4.6	7-8	1500	1	3
13B	Stornoway ...	1004.3	+14	NNW	2	$d_o d_o$	44	92	7	5	2	-	4.6	10	1500	1	1
15	Dalwhinnie ...	*	+16	N	1	c	40	92	7	5	-	-	10	10	1500	0	*
	Aberdeen ...	1003.1	+14	NNW	1	$r_o r_o$	42	92	6	6	2	-	7-8	10	1500	1	1
	Wick ...	1003.1	+10	WNW	2	c	42	97	8	5	2	-	9	10	1500	1	2
16	Lerwick ...	1002.4	+6	NNE	1	c	44	85	8	5	7	-	7-8	9	1500	0	*
17	Blacksod Point	1014.1	+20	NW	6	bc	44	75	8	9	-	-	4.6	4.6	1500	1	4
18	Malin Head ...	1007.0	+20	NW	5	$r_o r_o$	45	97	6	6	-	-	9+	9+	1500	1	3
	Aldergrove ...	1007.0	+16	WNW	5	$r_o r_o$	43	92	8	6	2	-	10	10	1500	1	*
19	Birr Castle ...	1012.8	+10	WSW	8	bc	41	75	8	5	-	-	4.6	4.6	2500	1	*
20	Valentia Obsy. †	1018.5	+14	NW'W	5	c	46	65	8	8	-	-	9	9	2500	1	3
	Roches Point	1016.5	+16	NW	3	bc	43	85	8	3	4	-	2-3	2-3	2500	1	3

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sea-disturbance (36)
1	London (Kew)	55	45	43	3	4	4.2
	Croydon ...	54	45	43	4	6	4.8
	S. Farnborough	56	44	43	3	7	5.4
	Boscombe Down	55	44	*	1	2	4.5
	Calshot (Sthmtn.)	55	46	45	3	-	2.0
	Lympne ...	52	43	42	1	6	3.6
	Manston ...	55	44	38	0.4	3	5.4
2	Shoeburyness ...	56	43	40	4	7	5.7
	Felixstowe ...	55	43	42	6	2	5.1
	Gorleston ...	58	44	43	0.1	2	2.8
	Mildenhall ...	57	42	41	0.6	3	3.8
	Cranwell ...	57	41	40	4	6	2.8
3	Birmingham ...	56	41	40	2	7	5.2
	Upper Heyford	57	42	41	4	5	*
4	Ross-on-Wye	57	46	44	2	-	3.2
5	Portland Bill ...	52	45	*	0.6	-	*
	Plymouth ...	53	47	45	2	-	1.0
	The Lizard ...	52	45	*	0.1	-	*
	Scilly (St. Mary's)	54	46	*	0.1	-	3.7
	Guernsey ..	55	47	43	2	0.1	2.7
6	Pembroke ...	51	44	*	4	-	2.1
7	Holyhead ...	49	45	43	1	3	0.3
	Chester (Sealand)	56	44	42	4	1.8	2.4
8	Manchester ...	53	43	41	1	6	0.1
10	Spurn Head ...	46	43	*	5	7	0.2
	Catterick ...	47	42	41	13	7	0.0
	Tynemouth ...	43	41	40	11	8	0.0
11	Inchkeith ...	42	40	40	4	2	0.0
	Leuchars ...	50	40	31	5	9.5	0.0
12	Renfrew (Abbotsl.)	45	41	37	3	2	0.0
	Eskdalemuir ...	45	35	35	1	3	0.0
	Point of Ayre ...	51	43	*	3	8	0.1
13A	Tiree	47	43	42	1	1	0.0
13B	Stornoway ...	45	43	*	-	Tr	2.7
15	Dalwhinnie ...	44	38	35	0.2	Tr	0.0
	Aberdeen ...	45	41	41	Tr	1	0.0
	Wick ...	43	41	*	Tr	1	*
16	Lerwick ...	47	41	*	0.4	-	0.1
17	Blacksod Point	46	39	*	1	1	*
18	Malin Head ...	(47)	43	*	4	5	0.0
	Aldergrove ...	48	43	42	3	5	0.0
19	Birr Castle ...	53	39	34	2	0.1	2.1
20	Valentia Obsy. †	52	43	39	Tr	1	6.7
	Roches Point	53	42	*	1	0.2	*

LONDON OBSERVATIONS

Day 7h—18h. Kew & Croydon
9h—18h. Kensington
9h—21h. other stations except for rainfall which is 9h—13h.

	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	bccir	crbctc	prr$_o$r$_o$ir$_o$	55	45	43	3	4	4.3	•	•	6
Croydon	217	bcvcpr$_o$	PRq the	Rqcr$_o$r$_o$	54	45	43	4	6	4.8	•	•	6
Greenwich (Royal Observatory)	149	c	cm$_o$rbc	crdrrm	57	43	41	2	6	4.7	86	93	5
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	5.0	•	•	•
Westminster (St. James' Park)	27	•	•	•	54	44	43	8		4.6	81	91	•
Regents Pk. (Botanic Gardens)‡	168	•	•	•	56	43	42	2	7	4x6	77	96	•
Camden Square	110	à	crbcc	•	56	44	42	2	7	•	•	91	•
Kensington	80	bcp	cor	•	55	44	42	3	6	4.5	75 18h.	92	•
Hampstead Observatory	440	bcor	c	cor	53	40	38	1	6	4.8	•	94	•

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 16th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 17th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1003.1	W	6	pr$_o$	54	1008.9	W	6	c	46
Brussels	29.7.2	WSW	4	c	48	100.5	WSW	4	$r_o r_o$	45
Berlin						1000.7	SSW	1	z_o	48
Zürich	1009.2	WSW	4	bc	52	1010.6	S	5	$r_o r_o$	43
Rome	1009.5	WSW	2	bc	57	1009.1	NW	1	b	57

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.3	17-18h 16th	0.03	1-4h 17th

Kew Observatory. Max.	Time.	Min.	Time.
0.2	15h 16th	0.01	0-7h 17th

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
57	46	3	1
57	45	5	7
	36		3
55	48	3	3
"	"	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

METEOROLOGICAL OFFICE, AIR MINISTRY, ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

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

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 18th April, 1937.
No. 27541.

OBSERVATIONS at 13h. G.M.T. 17th 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. (6)	%Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1007·9	+2·0	W	4	ir	48	85	6	6	2	-	7·8	10	1500.
	Croydon ...	1007·4	+2·0	WN	4	dr	47	85	6	6	-	-	7·8	10	800.
	S. Farnborough	1008·8	+1·4	WNW	5	ir.	51	65	8	5	-	-	10	10	1500.
	Boscombe Down	1009·6	+1·0	NW	5	c 49 47	65	8	8	-	-	-	9+	9+	2500.
	Calshot (Sthmtn.)	1009·6	+1·2	WNW	5	q	52	75	8	8	-	-	9+	9+	2500
	Lympne ...	1006·4	+1·8	WNW	4	c/r	46	85	6	6	2	-	4-6	10	800.
	Manston ...	1005·4	+1·8	WNW	4	ir	47	85	7	6	2	-	7-8	10	800.
2	Shoeburyness ...	1005·6	+2·0	WN	3	r.r.	48	85	6	6	2	-	4-6	10	800.
	Felixstowe ...	1004·5	+2·2	WNW	4	Zo	47	85	6	5	2	-	9+	10	800.
	Gorleston ...	1002·8	+2·4	NW	4	ir	45	97	6	6	-	-	10	10	1500.
	Mildenhall ...	1005·0	+2·2	NW	5	r.r.	46	92	6	6	2	-	4-6	10	800.
	Cranwell ...	1005·3	+1·4	WNW	3	r.r.	47	92	6	6	2	-	7-8	10	800.
3	Birmingham ...	1007·5	+1·2	NW	5	c/r	45	85	6	5	2	-	9	10	1500.
4	Upper Heyford	1008·7	+1·8	WSW	6	c/r	46	85	7	5	-	-	10	10	1500.
	Ross-on-Wye	1009·8	+1·0	WNW	5	q	49	65	8	7	-	9	9	9	4000.
5	Portland Bill ...	1011·7	+1·8	WNW	5	bc	51	75	8	2	-	-	4-6	4-6	2500.
	Plymouth ...	1014·9	+2	NW	5	bc	49	22 55	8	8	-	-	4-6	4-6	2500.
	The Lizard ...	1016·7	+1·0	WNW	5	bc	49	65	8	4	7	-	4-6	4-6	2500.
	Scilly (St.Mary's)	1017·3	+·4	NW	5	bc	52	65	8	2	6	-	2-3	4-6	2500.
	Guernsey ...	1014·8	+·4	NW	6	q	51	65	7	1	1	-	2-3	2-3	2500
6	Pembroke ...	1012·7	+·6	NW	4	q	49	65	8	5	-	-	2-3	2-3	4000.
7	Holyhead ...	1009·1	+1·0	NW	6	r	48	75	8	6	1	-	2-3	10	2500.
8	Chester(Sealand)	1007·6	+1·4	W	8	rr	45	85	6	6	2	-	9	10	800.
	Manchester ...	1006·4	+1·4	WNW	5	r.r.	45	92	6	6	2	-	9	10	800.
10	Spurn Head ...	1003·8	+3·0	NW	4	rrr	45	92	7	5	2	-	7-8	10	800.
	Catterick ...	1004·9	+1·0	NNE	3	c/r	46	85	7	6	2	-	7-8	10	1500.
	Tynemouth ...	1004·5	+1·6	N	3	c/or	42	92	8	5	-	-	9+	9+	1500.
11	Inchkeith ...	1004·6	+·4	SW	1	c	47	97	7	5	7	-	4-6	7-8	1500.
12	Leuchars ...	1005·1	+·6	-	0	Zo	48	85	6	5	2	-	7-8	10	2500.
	Rentrew (Abbots I.)	1005·4	+1·0	NE	3	r.r.	48	85	6	8	7	-	7-8	9+	2500
	Eskdalemuir ...	1005·0	+·4	-	0	ir.	45	85	7	8	-	-	9+	9+	1500.
	Point of Ayre...	1005·7	+·8	NW	5	r.r.	46	97	7	6	-	-	10	10	1500
13A	Tiree	1007·7	+1·2	NWN	3	c	48	92	8	5	7	-	7-8	10	2500.
13B	Stornoway ...	1006·8	+·6	NNW	4	r.	50	75	8	5	2	-	4-6	10	1500.
15	Dalwhinnie ...	1006·6	+·6	N	2	c	46	75	7	4	2	-	4-6	10	2500.
	Aberdeen ...	1005·0	+·8	NNW	3	r.r.	47	85	7	8	-	-	10	10	1500.
16	Lerwick ...	1004·5	+·8	NW	2	c	50	75	8	8	7	-	7-8	10	1500.
17	Blacksod Point	1005·5	+·4	NNW	4	bc	48	75	8	3	-	-	4-6	4-6	1500
18	Malin Head ...	1003·1	+·8	NNW	5	c/r	45	97	7	8	-	-	9+	9+	1500.
	Aldergrove ...	1005·5	+1·0	WNW	5	r.r.	45	85	7	6	2	-	9+	10	1500.
19	Birr Castle ...	1013·7	+·4	NW	2	c	49	65	8	8	-	-	7-8	7-8	2500.
20	Valentia Obsy. †	1013·1	+·2	NW	4	c/pr	48	65	9	8	-	-	7-8	7-8	2500.
	Roches Point	1016·5	0	NW	5	bc	49	65	9	3	-	-	4-6	4-6	1500.

OBSERVATIONS at 18h. G.M.T. 17th 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. (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	+·8	W	4	c	49	65	7	5	7	6	7-8	9+	1500	1	*
	Croydon ...	1008·9	+·6	WNW	5	c/r	49	65	6	5	3	-	7-8	9	1500.	1	*
	S. Farnborough	1009·8	+·8	WNW	5	c	49	55	8	8	6	-	7-8	9	4000.	1	*
	Boscombe Down	1011·0	+·6	WN	5	bc	49	65	8	8	-	-	4-6	4-6	4000.	1	*
	Calshot (Sthmtn.)	1010·8	+·6	WN	5	bc	51	65	8	7	3	-	2-3	4-6	4000.	1	2
	Lympne ...	1008·9	+·8	3rd	4	ir.	46	85	5	6	2	-	7-8	10	1500.	1	2.
	Manston ...	1007·5	+1·4	NNW	4	r.r.	46	85	7	6	2	-	7-8	10	800.	1	*
2	Shoeburyness ...	1007·9	+1·2	WN	3	r.r.	46	92	6	6	2	-	7-8	10	800.	1	*
	Felixstowe ...	1007·0	+1·4	WN	4	r.r.	45	85	6	6	2	-	7-8	10	800.	1	3
	Gorleston ...	1005·6	+1·2	NNW	3	o	46	85	6	6	-	-	10	10	2500	1	2
	Mildenhall ...	1006·9	+1·0	WNW	5	r.r.	44	92	6	6	-	-	10	10	800.	1	*
	Cranwell ...	1006·6	+·6	W	3	r.r.	44	97	6	6	2	-	9+	10	450.	1	*
3	Birmingham ...	1008·4	+·8	WNW	4	ir.	43	92	6	5	2	-	7-8	10	800	1	*
4	Upper Heyford	1009·6	+·6	WNW	6	ir.	46	75	8	5	1	-	7-8	9+	800.	1	*
	Ross-on-Wye	1010·9	+·4	WNW	5	q	47	65	8	6	2	-	2-3	9+	2500	1	
5	Portland Bill ...	1012·8	+·6	NW	5	c	49	75	8	4	-	-	9	9	2500	1	3
	Plymouth ...	1015·4	+·2	WNW	5	bc	49	65	8	8	-	-	4-6	4-6	2500	1	2
	The Lizard ...	1016·8	0	W	5	bc	48	75	8	2	-	-	4-6	4-6	2500	1	3
	Scilly (St.Mary's)	1017·0	-·2	NNW	6	bc	49	75	8	2	4	-	4-6	4-6	2500	1	3
	Guernsey ...	1015·5	+·6	NW	5	bc	48	75	7	8	1	-	2-3	4-6	2500	1	4
6	Pembroke ...	1012·5	-·2	WNW	5	q	48	75	8	8	6	-	7-8	7-8	4000	1	3
7	Holyhead ...	1009·7	+·2	NW	6	c	47	85	8	5	2	-	2-3	10	4000	1	4
8	Manchester ...	1008·4	+·4	W	6	rr	45	85	6	-	2	-	10	10	800.	1	*
		1007·4	+·8	WNW	4	r.r.	45	92	6	6	2	-	9	10	800.	1	
10	Spurn Head ...	1005·3	+1·2	NNW	4	ir.	44	97	7	5	2	-	4-6	9+	1500.	1	3
	Catterick ...	1006·4	+1·2	-	0	ir.	44	92	5	5	7	-	7-8	10	800.	1	*
	Tynemouth ...	1005·0	+1·0	N	3	c/or	43	92	7	-	2	-	9+	9+	1500	1	2
11	Inchkeith ...	1006·3	+·4	E	3	c	44	92	8	5	3	-	7-8	9	4000	0	2
12	Leuchars ...	1006·0	+·4	SW	1	ir.	47	85	7	5	2	-	9+	10	4000	1	*
	Rentrew (Abbots I.)	1006·6	+·6	WNW	4	c	49	75	8	5	-	1	7-8	9	4000	1	*
	Eskdalemuir ...	1006·3	+·8	NE	1	ir.	45	85	7	8	-	-	10	10	1500	1	*
	Point of Ayre...	1008·4	+·6	NW	5	c	46	97	8	6	2	-	7-8	10	800	1	3
13A	Tiree	1008·8	+·6	NNW	3	c	47	92	8	5	3	-	7-8	7-8	2500	0	3
13B	Stornoway ...	1008·0	+·6	N	3	c	49	75	8	5	1	-	4-6	10	2500	1	2
15	Dalwhinnie ...	·	+1·4	N	1	c	44	85	7	5	-	·	10	10	2500	0	
	Aberdeen ...	1005·8	+·6	NNW	2	c	49	75	8	2	7	8	2-3	10	1500.	1	1
	Wick ...	1005·3	+1·0	NW	2	c	49	85	8	8	7	-	7-8	9	1500.	1	2
16	Lerwick ...	1005·5	+·8	NE	3	bc	47	85	8	8	7	-	4-6	4-6	1500	0	
17	Blacksod Point	1014·9	-·6	NW	3	c	46	75	9	4	3	-	2-3	7-8	1500	0	3
18	Malin Head ...	1011·1		NNW	4	c	45	97	6	9	-	-	9	9	1500.	1	3
	Aldergrove ...	1010·4	+·8	WNW	5	c	45	85	8	5	2	-	9+	10	1500.	1	
19	Birr Castle ...	1014·0	0	NW	2	c	47	65	8	5	-	-	7-8	7-8	4000	1	*
20	Valentia Obsy. †	1017·6	-1·0	WN	4	c/pr	47	65	9	8	-	1	9+	9+	2500	1	3
	Roches Point	1016·2	0	NW	5	bc	49	65	9	8	-	-	4-6	4-6	1500	1	3

PAST 24 HOURS.

Weather. 7h.—13h. 17th. (37)	13h.—18h. 17th. (38)	18h. 17th to 1h. 18th (39)	1h.—7h. 18th. (40)
r.c.r.	c.r.p.r.c	ir.r.r.	r.r.c
cr.d.r.r.	c.d.r.r.c	c.m.r.r.r.	cr.r.
r.r.r.c.	r.c.c.y.	y.c.r.r.	r.c.b.c.c.r
c.r.r.c.q.	c.q.b.c.q.	b.c.q.b.c.	b.c.b.b.c
c.q.	c.q.b.c.q.	b.c.q.b.c.c.	c.b.c.b.w.b
c.p.r.r.	o.m.r.r.r.	m.c.r.r.	o.r.r.
c.r.c.r.	c.r.r.o.q.	o.r.r.q.	r.r.r.o.r.m.
r.r.r.r.c.	m.r.r.r.c.	c.r.r.r.m.	c.i.r.c.
c.r.r.r.c.m.	c.r.r.r.m.	r.r.r.	c.r.r.r.m.
o.i.r.	o.i.r.r.o.	o.d.r.c.	c.o.i.r.
r.d.r.r.r.	c.r.r.r.r.	c.r.r.r.r.m.	c.r.r.r.m.
r.r.c.r.r.r.m.	r.r.r.c.r.r.r.m.	r.r.r.r.r.r.	c.m.r.r.r.
o.r.r.c.	c.i.r.	c.i.r.	c
e.q.r.r.m.	c.q.i.r.	c.q.i.r.r.r.	c.r.r.
c.q.	c.q.	c.q.c	c
c.b.c.	b.c.c.	b	b.b.c
b.c.c.b.c.r.	b.c.r.y.	b.c.b	b.b.c
b.c.	b.c.	b.c.c	c
b.c.y.	b.c.	b.c.c.b.c	b.c.c.r.r.
c.p.r.q.	b.c.q.	b.c	b.c.c.p.r
b.b.c.q.	b.c.c.q.	b.c.b.q.	b.b.c.c.w
c.b.c.r.c.	r.r.c.	i.r.c	c
c.r.r.R.r.m.	c.r.r.r.m.	c.m.r.r.r.r	c.r.r.p.r.o.r.
c.d.d.r.r.	c.r.r.r.m.w.	c.r.r.r.	c.i.r.c
o.q.r.r.	r.p.r.c.	o.r.r.	r.r.p.r
c.i.r.c.	c.r.r.m.d.	d.o.r.r.r.m.	c.m.r.c
o.c.p.	c.p.	o.i.r.	o.i.r.
o.c.	c	c	c
c.i.d.	c.	c.	c
d.d.p.r.c.	p.r.c.	c	c.r.r.c
	c.	c.	c.i.r.o
c.i.r.	r.r.c.	c.b.c.c	c
c.	c.	c.m.	c.m.
c.b.c.	b.c.	b.c	b.c.c
b.r.c.q.	p.r.c.q.	b.c	b.c
c.r.r.c.	c.i.r.c.	c.i.r.c	c.p.r.
c.r.r.r.r.r.	c.r.r.o.i.r.	c.c.r.c	c.c.r.o.c
b.c.c.p.r.c.	c.	c.b.c	b.c.c.x
b.c.p.r.c.	c.p.r.c.	c.p. b.c. c.b.r.	c.r.r.
p.r.b.c.v.	p.r.b.c.v.	b.c.v.c	c.r.o.r.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog " less than 220 yds.
fs, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
jp, precipitation within sight of station.
ka, 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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. " wet.
2 .. " flooded.
3 .. " frozen hard and dry.
4 .. " partly covered with snow or hail.
5 .. " covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. " covered with snow, less than 6 ins., deep but ground not frozen.
8 .. " covered with snow, less than 6 ins., but ground frozen.
9 .. " covered with snow greater than 6 ins. deep.

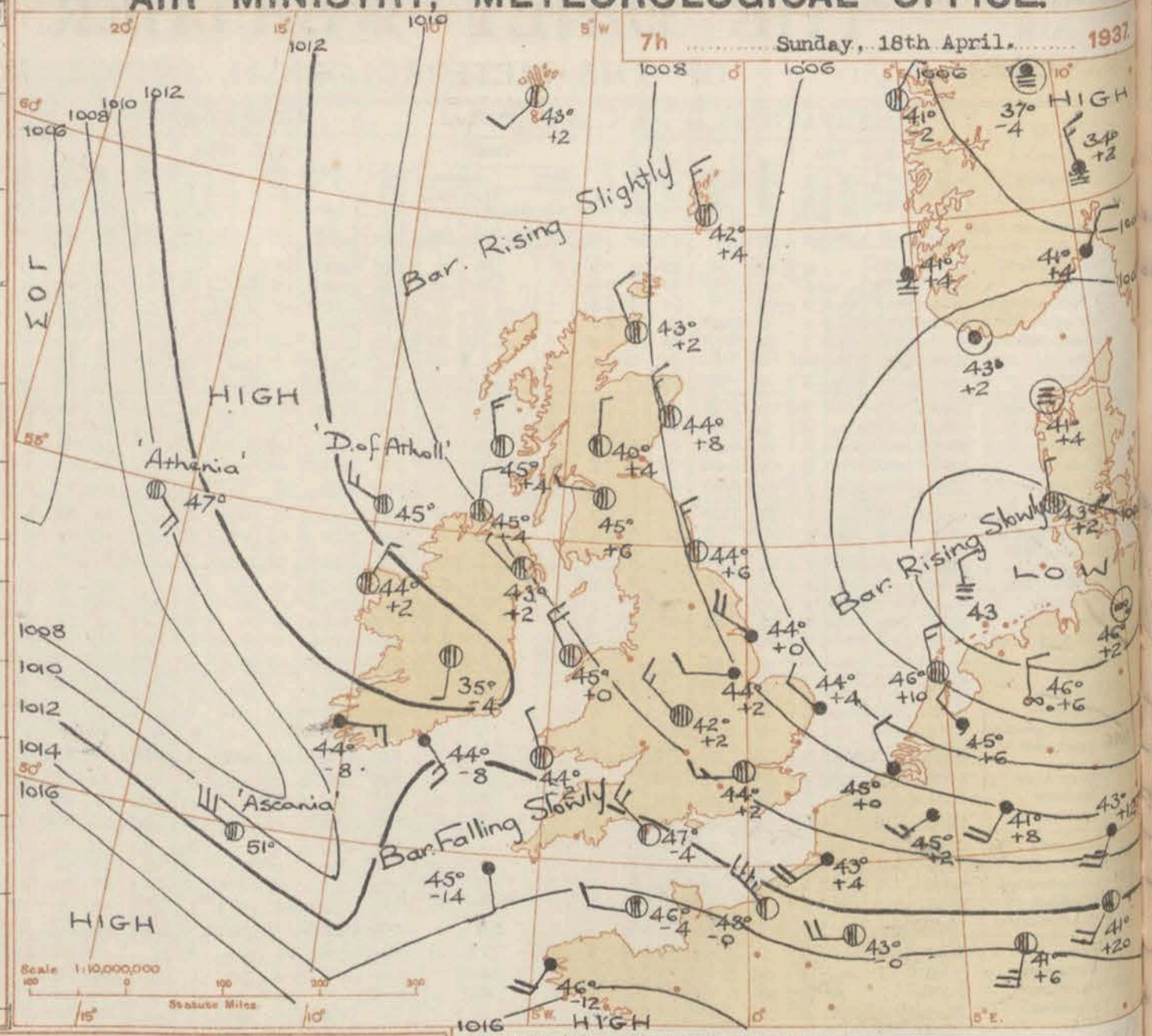
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 17th April 1937.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (F) Min. 9h. 16th to 9h. 17th	Temperature (F) Max. 9h.—17h. 17th	Rainfall (mm) Night 17h. 16th to 9h. 17th	Rainfall (mm) Day. 9h.—17h. 17th	Sunshine (Hrs) Sunrise to 17h. 17th	Sunshine (Hrs) Sunrise to Sunset. 16th
1	Tunbridge W.	odo	odo	43	48	6	1	0·0	4·3.
	Bournemouth	bobo	blocb.	45	54	2	-	7·5	2·8
	Ventnor ...	obc	obcb.	48	54	-	-	5·0	2·7
	Southsea ...	oc	obc	47	53	Trace	-	2·3	2·8.
	Bognor Regis	cobcc	cbcc	46	52	0·5	-	1·0	2·8.
	Littlehampton	c	obc	46	53	1	-	0·5	3·3.
	Worthing ...	c	obc	45	53	2	-	1·3	3·2.
	Brighton ...	cd.	cbcb.	46	53	3	Trace	0·7	4·1
	Eastbourne† ...	r₀0	oc	45	52	1	0·1	0·2	4·8.
	Hastings† ...	o	ococ	44	52	4	-	0·0	2·3.
	Folkestone ...	coir	oror	44	49	5	2	0·1	4·8.
	Dover ...	oir₀	or	45	50	5	1	0·0	0·4.
	Deal	o	r₀r	45	49	2	0·5	0·0	6·5.
	Ramsgate ...	c	cror	44	48	4	1	0·0	5·7.
	Margate ...	cd.	cdr	44	48	5	0·6	0·0	6·2.
2	Southend ...	odor	oir	43	48	8	1	0·0	5·3.
	Maldon ...	oir	oir	44	48	7	1	0·0	5·4.
	Clacton-on-Sea	elr	olrr	43	47	9	2	0·0	4·6.
	Dovercourt ...	roc	roc	44	47	5	0·2	0·0	5·5.
	Lowestoft ...	oror	oirec	44	46	3	1	0·0	4·7.
	Skegness ...	o₀c	ocr₀	43	47	3	0·3	0·0	0·7
	Mablethorpe...	orir	oir	43	46	14	0·3	0·0	0·5.
	Cleethorpes ...	or	or	43	46	2	1	0·0	0·0.
3	Leamington S.	or	or	43	48	6	1	0·0	4·5.
4	Cheltenham†	oc	obcc	44	51	4	-	1·3	4·3
5	Bath	c	obc	46	54	Trace	-	2·5	5·6.
	Weymouth ...	clo	bcb.	45	55	-	-	7·6	2·6.
	Jersey ...	pobc	bc	46	52	0·1	-	10·4	2·8.
	Torquay ...	bcpbq	bqv	46	53	-	0·1	8·1	2·9.
	Penzance ...	bplocb	b	46	54	-	Trace	10·5	3·7.
	St. Ives ...	c	b.	40	49	-	-	7·4	5·2
	Bude... ...	bc	bc	46	52	0·5	-	10·0	0·3.
	Ilfracombe ...	bcbbc	bcb.	45	50	-	-	9·8	0·9.
6	Aberystwyth	prc	c	45	49	4	-	0·1	4·1
7	Llandudno ...	r₀	r₀or₀	44	45	11	4	0·0	0·1
	Colwyn Bay...	rropo	popop	44	48	12	3	0·0	0·3.
	Rhyl	orr	orrd₀	43	47	15	7	0·0	0·1
8	Wallasey ...	ir	ir	43	45	10	5	0·0	0·6.
	Southport ...	dod.	odd.	43	46	13	2.	0·0	0·2
	Blackpool ...	oro	_or	44	45	18	2	0·0	0·0.
	Morecambe ...	rccr	ciccr	43	48	15	4	0·0	0·0.
9	Ilkley... ...	or	oro	40	50	11	6	0·0	0·0.
	Harrogate ...	cir	crr.	41	48	8	2	0·0	0·0.
10	Berwick-on-T.	od₀	or₀	41	44	3	0·2	0·0	0·0.
11	Dunbar ...	oir₀	clor₀	41	47	2	0·5	0·0	0·0.
12	Troon... ...	roebc	r₀cc	44	48	1	0·3	0·2	0·0.
	Douglas ...	crrq	crrq.	43	45	12	13	0·0	1·1.

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



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
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, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light westerly winds; cloudy, local showers at first, becoming fair with bright periods later; rather cool.
5 S.W. England 6 South Wales ...	Moderate southeasterly winds, becoming northwest later; occasional rain at first, becoming fair later; rather cool.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	Light northerly to variable winds; mainly fair apart from local showers; rather cool.
10 N.E. England 11 S.E. Scotland	Light northerly winds; cloudy at first, becoming fair with bright periods later; rather cool.
12 S.W. Scotland & Isle of Man. 13 {A. W. Scotld. B.N.W.Scotland.}	Light northerly to variable winds, becoming southerly later and freshening; mainly fair at first apart from local showers, occasional rain later; rather cool.
14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Light northerly to variable winds; mainly fair; rather cool.
17 N. W. Ireland 18 N. E. Ireland	As 12 - 13B.
19 S. E. Ireland 20 S. W. Ireland	As 5 - 6.

GENERAL INFERENCE.

A depression over Denmark and North Germany is almost stationary and filling up while a depression off Southwest Ireland is moving southeast. Apart from local showers weather will be mainly fair in the North and East, deteriorating later in Northwest districts. Rain will spread from the Southwest along the South coast to be followed later by an improvement.

FURTHER OUTLOOK.

Mainly fair in the East. Later an improvement in the South and Southwest. Unsettled in the West and Northwest.

Forecasts issued at 10.30 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

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

Morning of

SUNDAY,
18TH APRIL.

1937.

Clarke's Projection Scale 1: 4X10⁷ 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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—◎

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— ○Clear sky. ◔Sky less than 3/10 clouded. ◑Sky 4/10 to 6/10 clouded. ◕Sky 7/10 to 9/10 clouded. ●Overcast sky ●Rain falling. ✱Snow. ✱Sleet. △Hail. ≡Fog. ≡Mist. (ϟ)Thunder. ϟ Thunderstorm. ∞Slight haze

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday, 18th April, 1937.
No. 27541.

OBSERVATIONS at 1 hr. G.M.T. 18th 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	1005·9	−2	W'N	4	r₀	43	85	7	5	7	−	4-6	10	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1005·8	−2	W	4	r₀r₀	42	85	7	5	−	−	10	10	2500
	Manston ...	142	1008·2	−4	W	3	r₀r₀	43	92	6	6	2	−	7-8	10	800
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1007·3	+4	W'N	2	c	44	92	7	5	−	−	10	10	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1012·7	−4	WNW	5	b	47	85	8	−	−	−	0	0	−
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1016·1	−8	W	3	c	45	75	8	8	7	−	4-6	7-8	2500
	Scilly (St. Mary's)	163	1016·2	−12	WNW	4	bc	46	75	8	3	4	5	2-3	4-6	1500
	Guernsey ..	175	1015·9	−4	WNW	3	bc	46	85	8	8	−	−	4-6	4-6	2500
6	Pembroke ...	142	1013·0	+2	NW	4	q	45	75	8	5	−	−	2-3	2-3	4000
7	Holyhead ...	26	1010·7	0	NW	6	c	45	85	8	−	2	−	0	10	−
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1006·8	+4	NW	4	rr	43	92	7	5	−	−	10	10	800
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1007·1	0	WNW	2	ir₀	44	85	6	−	2	−	10	10	1500
11	Inchkeith ...	190	1008·1	+6	W'S	2	c	44	92	8	5	3	−	4-6	7-8	2500
	Leuchars ...	33	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1009·1	0	NW'N	5	c	45	97	6	−	7	−	0	10	−
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1009·2	+4	−	0	c	45	97	7	5	7	−	4-6	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1008·2	+8	NW	2	c	42	97	6	5	7	−	7-8	10	1500
16	Lerwick ...	156	1007·2	+6	NNW	3	bc	41	85	8	8	−	−	4-6	4-6	1500
17	Blacksod Point	18	1013·3	−10	S	2	bc	43	85	8	4	3	−	2-3	4-6	1500
18	Malin Head ...	84	1011·2	+4	W	2	c	45	85	7	8	2	−	7-8	9	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1013·7	−14	WSW	3	r₀r₀	45	92	7	5	~	−	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 18th 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)	1010·1	+4	W	3	c	44	75	8	5	2	−	9	10	2500	1	*
	Croydon ...	1009·9	+2	W	3	c	44	85	8	5	7	−	4-6	9+	4000	1	*
	S. Farnborough	1010·8	+4	WNW	4	c	44	85	9	−	9	−	0	9	−	1	*
	Boscombe Down	1011·8	+4	W	3	c	40	92	8	5	4	−	4-6	7-8	4000	1	*
	Calshot (Sthmtn.)	1011·8	+6	W'S	3	b	43	85	7	−	4	−	0	1	−	1	2
	Lympne ...	1009·9	+6	W	3	r₀r₀	43	85	8	5	−	−	10	10	1500	1	2
	Manston ...	1008·6	+6	W'S	4	r₀r₀	45	85	6	6	2	−	9	10	800	1	*
2	Shoeburyness ...	1008·8	+4	W'N	2	c	45	92	8	5	2	−	7-8	10	1500	1	*
	Felixstowe ...	1008·4	+4	W	3	r₀r₀	44	92	6	6	2	−	7-8	10	1500	1	3
	Gorleston ...	1007·9	+4	WNW	2	r₀r₀	44	85	6	6	−	−	10	10	2500	1	2
	Mildenhall ...	1007·8	0	W'N	3	r₀r₀	46	97	6	6	2	−	9	10	460	1	*
	Cranwell ...	1008·0	+2	W'N	2	ir₀	44	97	5	6	2	−	9	10	800	1	*
3	Birmingham ...	1009·4	+2	WNW	3	0	42	85	8	5	−	−	10	10	1500	1	*
	Upper Heyford	1010·4	+6	W'N	4	c	43	85	8	5	7	−	7-8	9+	800	1	*
4	Ross-on-Wye	1011·1	0	W'S	2	c	43	85	8	5	−	1	7-8	9	2500	1	*
5	Portland Bill ...	1012·2	−4	WNW	4	bc	47	85	8	4	−	−	2-3	2-3	2500	1	3
	Plymouth ...	1013·4	−8	WNW	2	bc	44	85	8	8	5	6	2-3	4-6	4000	1	0
	The Lizard ...	1013·6	−6	SW'W	2	pr₀	45	85	8	8	2	−	9	10	2500	1	2
	Scilly (St. Mary's)	1013·0	−14	S'E	2	r₀r₀	45	92	7	8	2	−	4-6	10	1500	1	2
	Guernsey ..	1014·5	−4	W'N	2	c	46	85	8	8	3	−	4-6	7-8	2500	1	3
6	Pembroke ...	1011·6	−2	NW	1	c	44	75	8	7	7	−	2-3	7-8	4000	1	1
7	Holyhead ...	1010·2	0	NW	4	c	45	85	8	5	7	−	7-8	9	4000	1	3
	Chester(Sealand)	1009·5	+2	W	4	ir₀	46	85	7	−	2	−	10	10	800	1	*
8	Manchester ...	1008·7	+2	WNW	3	0	45	92	7	5	−	−	10	10	800	1	*
10	Spurn Head ...	1006·6	0	WNW	4	rr	44	97	6	6	2	−	7-8	10	1500	1	3
	Catterick ...	1008·3	+8	NW'N	2	c	45	85	7	5	7	8	2-3	9+	2500	1	*
	Tynemouth ...	1007·4	+6	NNW	3	0/r	44	85	7	−	2	−	10	10	1500	1	2
11	Inchkeith ...	1008·5	+4	SW	2	c	43	92	8	5	−	−	9+	9+	2500	0	2
	Leuchars ...	1008·3	+8	−	0	e	44	85	8	5	−	−	10	10	2500	1	*
12	Renfrew (Abbots I.)	1008·9	+6	W'N	1	c	45	92	8	6	−	−	10	10	7200	1	*
	Eskdalemuir ...	1008·9	+4	−	0	c	39	92	7	−	3	−	0	9+	−	1	*
	Point of Ayre...	1009·4	0	NNW	5	r₀r₀	44	97	7	6	2	−	7-8	10	800	1	3
13A	Tiree	1009·9	+4	NNW	3	c	45	97	8	5	−	−	9+	9+	1500	0	2
13B	Stornoway ...	1009·5	+4	NW	1	r₀r₀	44	97	7	5	7	−	4-6	10	1500	1	0
15	Dalwhinnie ...		+4	N	1	c	40	92	8	5	7	−	10	10	2500	1	*
	Aberdeen ...	1008·2	+8	NW'N	3	c	44	85	7	7	3	−	9+	9+	1500	1	1
	Wick ...	1008·3	+2	NW	2	c	43	97	6	5	7	−	7-8	9	1500	1	2
16	Lerwick ...	1007·8	+4	NNW	3	c	42	85	8	5	7	−	7-8	9	1500	0	*
17	Blacksod Point	1012·4	+2	NE	1	c	44	75	8	5	−	−	7-8	7-8	1500	0	2
18	Malin Head ...	1011·1	+4	N	2	c/pr	45	97	7	9	2	−	7-8	9	1500	1	2
	Aldergrove ...	1011·0	+2	WNW	1	c/r	43	85	8	−	7	−	0	9+	−	1	*
19	Birr Castle ...	1012·6	−4	SSW	1	c	35	97	8	6	−	−	9+	9+	2500	1	*
20	Valentia Obsy. †	1010·5	−8	E	3	r₀r₀	44	85	8	5	2	−	2-3	9+	1500	1	2
	Roches Point	1011·8	−8	ESE	3	r₀r₀	44	86	8	5	2	−	2-3	10	1500	1	2

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 17½ Hrs. (36)
1	London (Kew)	50	43	41	1.	1	0·0
	Croydon ...	49	43	41	3.	2	0·0
	S. Farnborough	51	42	37	0·6.	1	1·0
	Boscombe Down	52	37	33	0·1.	−	2·7
	Calshot (Sthmtn.)	53	46	37	−	−	4·5
	Lympne ...	47	41	41	2.	1	0·1
	Manston ...	48	43	42	2.	7	0·0
2	Shoeburyness ...	49	43	43	1.	2	0·0
	Felixstowe ...	48.	43	42	2.	4	0·0
	Gorleston ...	46	43	42	3.	0·1	0·0
	Mildenhall ...	47	43	42	8.	5	0·0
	Cranwell ...	47	42	41	15.	5	0·0
3	Birmingham ...	46	41	40	2.	3	0·0
	Upper Heyford	49	40	36	3.	2	*
4	Ross-on-Wye	50	41	38	−	−	1·4
5	Portland Bill ...	52	45	*	−	−	*
	Plymouth ...	50	44	41	Tr.	−	9·3
	The Lizard ...	50	44	*	−	Tr	*
	Scilly (St. Mary's)	52	44	*	−	2	11·6
	Guernsey ..	52	44	41	Tr.	0·5	11·0
6	Pembroke ...	51	41	*	−	−	10·4
7	Holyhead ...	48	44	43	1	Tr	1·3
	Chester(Sealand)	45	44	43	8.	6	0·0
8	Manchester ...	46	44	44	3.	1	0·0
10	Spurn Head ...	45	42	*	1.	5	0·0
	Catterick ...	48	43	41	1.	2	0·0
	Tynemouth ...	43	42	41	0·2.	2	0·0
11	Inchkeith ...	50	42	38	−	−	1·7
	Leuchars ...	49	40	33	0·4.	0·1	0·0
12	Renfrew (Abbots I.)	51	43	42	5.	0·3	0·9
	Eskdalemuir ...	48	38	34	0·4.	0·2	0·2
	Point of Ayre...	47	44	*	2.	Tr	0·0
13A	Tiree	50	44	43	Tr.	−	0·6
13B	Stornoway ...	50	43	*	0·1.	3	0·0
15	Dalwhinnie ...	46	37	34	−	0·1	0·0
	Aberdeen ...	49	41	39	1	−	0·0
	Wick ...	51	42	*	Tr.	−	*
16	Lerwick ...	52	40	*	−	−	4·4
17	Blacksod Point	48	36	*	0·3	−	*
18	Malin Head ...	46	43	*	3.	1	0·0
	Aldergrove ...	45	41	40	3.	0·3	0·0
19	Birr Castle ...	51	33	22	Tr.	2 − 0·2	6·1
20	Valentia Obsy. †	50	43	37	0·2.		5·3
	Roches Point	50	41	*	0·2.	1	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	r₀ccr	crcpr₀c	ir₀r₀r₀c	50	43	41	1	1	0·0	*	*	8
Croydon	217	cr₀d₀m	cdrr₀r₀c	cmrrc	49	43	41	3	2	0·0	*	*	6
Greenwich (Royal Observatory)...	149	rm₀c	d₀r₀rc	crr₀rc	49	42	40	2	2	0·0	77	78	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	50	43	43	3		0·0	67	78	*
Regents Pk (Botanic Gardens)‡...	158	*	*	*	49	44	41	1.	2	0·0	78	77	*
Camden Square	110	crc	ccrc	*	48	43	40	2	3	*	*	80	*
Kensington	80	cor	cor	*	49	43	41	1	1	0·0	At 18h.	80	*
Hampstead Observatory	450	or	or	o	46	39	36	1	3	0·0	79	85	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
0·3	20h 17½	(0·3	2-3h 18h

Kew Observatory.

Max.	Time.	Min.	Time.
0·1	20h 17h	<0·1	0-7h 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	1012·2	W	5	bc	50	1013·4	W	4	c	46
Brussels	1005·8	WNW	4	r₀r₀	45	1007·9	WSW	3	r₀r₀	45
Berlin	1001·5	SW	3	c/pr	52	1004·1	SSE	2	bc	48
Zürich	1013·4	WSW	6	c/pr	45	1014·7	W	4	c	41
Edre	1009·7	NW	3	b	61					

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
54	39	Tr	Tr
45	41	5	5
?	45	?	Tr
52	39	4	1
*	*	-	

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

METEOROLOGICAL OFFICE, AIR MINISTRY, ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 19th April, 1937.
No. 27542.

District.	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 18th April														OBSERVATIONS at 18h. G.M.T. 18th April														PAST 24 HOURS.			
		Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	°Temp.	%Humid.	Visibility	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	°Temp.	%Humid.	Visibility	Cloud.						State of Ground.	Sea.	Weather.			
										Form.			Amount.											Form.			Amount					7h.—13h.	13h.—18h.	18h.–18th to 1h.–19th	1h.—7h.
		mb.		Direc.	Force 0–12				0–9	Low	Med.	High	Low 0–10	Total 0–10	Height of Base (feet)	mb.		Direc.	Force 0–12				0–9	Low.	Med.	High.	Low 0–10	Total 0–10	Height of Base (feet)	0–9	0–9	18th..	18th..	19th.	19th.
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(37)	(38)	(39)	(40)
1	London (Kew)	1005.9	-2	W	2	c	45	75	7	8	–	–	10	10	1500	1005.1	0	W	2	c.	50	75	6	5	–	–	9+	9+	2500	1	*	c	ccr₀	ccr₀r₀	cr₀bc
	Croydon ...	1003.4	-4	NW'N	3	c/p	43	65	6	8	–	–	9+	9+	2500	1008.8	-2	NW'W	3	z₀	50	65	6	8	6	6	8-3	4-6	4000	1	*	ccz₀	cz₀	bccr₀m₀	cr₀m₀cm
	S. Farnborough	1005.3	-6	W'N	3	c	51	65	8	8	6	–	7-8	9+	4000	1009.4	0	W'N	3	c/pr	47	85	7	9	7	3	4-6	9	4000	1	*	cvir₀c	ccpr	ccir₀m₀	cir₀m₀
	Boscombe Down	1010.5	-6	NW	2	c	50	65	8	8	3	–	9	9+	2500	1009.4	-4	NW'N	2	c/pr	51	65	8	9	7	–	7-8	7-8	2500	1	*	bcc	ccpr₀c	c	bcm₀
	Calshot (Sthmtn.)	1010.5	-6	NW	2	c	50	65	8	8	3	–	9	9	4000	1009.6	-4	SW'W	3	c	50	85	7	8	6	–	4-6	7-8	2500	1		bbc	cbc	cpr₀bcb	bcwbm₀
	Lympne ...	1010.3	-2	NW	2	c	53	65	8	8	3	–	9	9	4000	1009.4	-2	WSW	1	c	47	85	6	5	2	–	7-8	10	2500	1	2	cr₀cr₀	cpr₀cm₀	cm₀ir₀	cm₀ir₀
	Manston ...	1009.2	+2	WNW	2	c	48	75	7	5	–	–	10	10	2500	1008.5	-2	WNW	3	ir₀	48	85	6	5	7	–	4-6	10	2500	1	*	cr₀cr₀	r₀ir₀m₀	cir₀c	cr₀cm₀
2	Shoeburyness ...	1005.1	+2	W'N	3	ir₀	47	85	7	6	2	–	4-6	10	1500	1008.6	0	WNW	1	ir₀	48	85	6	6	2	–	7-8	10	1500	1	*	ir₀c	ir₀m₀c	ir₀cm₀	bcwcm₀
	Felixstowe ...	1006.7	+2	WS	3	ir₀	48	85	6	6	2	–	7-8	10	800	1005.6	+2	WN	3	r₀r₀	46	92	5	6	2	–	7-8	10	1500	1	2	r₀ir₀	ir₀r₀r₀m₀	r₀r₀ir₀	cm₀
	Gorleston ...	1007.7	0	NW	3	id₀	47	85	6	6	–	–	10	10	2500	1007.5	+4	WNW	3	c/r	47	85	6	8	–	–	9+	9+	2500	1	2	oir₀o	oci₀	coir₀o	c
	Mildenhall ...	1007.9	-2	W	4	z₀	50	85	6	9	2	–	7-8	10	2500	1008.3	+2	W'N	2	r₀r₀	47	92	5	6	2	–	7-8	10	1500	1	*	cr₀r₀ir₀c	crr₀r₀	cr₀r₀m₀	cm₀cff
	Cranwell ...	1006.0	+2	NW'N	4	c	51	75	6	8	1	–	4-6	10	2500	1008.4	+4	NW'N	2	r₀r₀	46	85	7	6	2	–	7-8	10	1500	1	*	cpr₀c	cpr₀r₀r₀	cir₀bcm₀f₀c	
3	Birmingham ...	1005.4	0	NW	3	c	46	85	5	5	2	–	7-8	10	1500	1008.5	0	NNW	3	c	45	92	5	6	–	–	10	10	1500	1	*	cir₀	c	cir₀	cbcm
4	Upper Heyford	1010.2	+2	W'N	4	c	47	75	8	5	1	–	7-8	10	1500	1005.5	0	WNW	3	z₀	48	75	6	5	7	–	7-8	9+	1500	1	*	c	cr₀m₀	cz₀m₀ir₀	cm₀bc
	Ross-on-Wye	1005.8	-6	NW	3	c	53	65	9	8	6	–	7-8	7-8	4000	1005.7	0	NNW	3	c	48	75	8	8	–	–	9	9	2500	1	*	c	cvp₀c	cvcr₀c	cbbc
5	Portland Bill ...	1011.3	-6	WSW	4	bc	45	75	8	4	–	–	2-3	2-3	2500	1010.0	-6	W	3	bc	48	85	8	–	–	1	0	2-3	–	1	3	bc	bc	b	bbc
	Plymouth ...	1011.4	-10	SSW	2	c	45	85	8	8	1	–	2-3	9+	2500	1010.3	-2	S'W	1	c	48	85	8	8	3	8	7-8	9+	2500	1	0	bcp₀cv⊕	cv⊕	cb	bw
	The Lizard ...	1010.9	-14	ESE	2	rr	47	97	8	6	2	–	9	10	1500	1010.0	+2	NE	2	c	47	85	8	8	6	–	7-8	7-8	2500	1	2	crrc	r₀rc	cbcb	bbcw
	Scilly (St. Mary's)	1009.2	-6	SE'E	3	r₀r₀	45	97	7	9	–	–	10	10	1500	1010.3	+10	ENE	3	c	49	85	8	8	3	–	4-6	7-8	1500	1	2	cr₀r₀	cir₀c	cbc	bcbbc
	Guernsey ...	1012.7	-10	NSW	2	id₀	50	75	8	8	1	–	7-8	10	2500	1010.6	-10	SE'E	1	bc	48	75	9	2	7	–	2-3	4-6	2500	1	2	cid₀	cd₀bc	bcbw	bw
6	Pembroke ...	1010.1	-8	NW	1	bc	50	85	8	5	7	–	4-6	4-6	4000	1010.0	-2	N'N	3	b	47	85	8	5	–	–	1	1	4000	1	1	cbc	bcbv	bw	bbc
7	Holyhead ...	1010.3	+2	NW	3	c	48	85	8	7	6	–	4-6	7-8	4000	1010.3	+2	NW'W	3	c	47	92	8	7	–	–	9+	9+	4000	1	2	cpr₀c	cbcc	cb	b,c
8	Manchester ...	1005.7	+2	W'N	4	r₀r₀	46	85	7	–	2	–	10	10	1500	1005.8	+2	W'N	4	c	46	85	7	5	2	–	7-8	10	1500	1	*	cm₀r₀r₀	cr₀r₀c	cbc	bcwcm₀
10	Spurn Head ...	1005.0	+2	W'N	3	z₀	49	65	6	5	7	–	7-8	9+	1500	1004.4	+2	W	3	c/r	45	92	5	5	3	–	7-8	9+	1500	1		cr₀rrc	cr₀d₀RRm₀	cid₀m₀	cm₀
	Catterick ...	1007.8	0	NNW	3	r₀r₀	45	97	6	5	2	–	7-8	10	450	1007.6	0	NNW	4	ir₀	45	92	6	5	2	–	4-6	10	1500	1	3	rr	ir₀	c	com₀
	Tynemouth ...	1008.7	+2	N	3	c	48	75	7	8	7	–	7-8	10	2500	1005.0	+4	NNW	1	c/pr	46	85	6	9	7	–	7-8	10	1500	1	*	cpr₀c	pr₀cpr	cpr₀c	cbc
11	Inchkeith ...	1008.1	+4	NNW	3	c	44	85	8	5	–	–	7-8	7-8	1500	1008.6	+4	NNW	3	c/pr	44	85	7	5	–	–	9	9	2500	1	2	ocp₀	cp₀	bcc	com
12	Leuchars ...	1003.5	0	SSW	2	c	47	85	8	5	–	–	9+	9+	2500	1008.4	+2	NW	2	r₀r₀	46	92	8	8	–	–	10	10	2500	1	1	c	cr₀r₀	r₀r₀c	c
	Renfrew (Abbotsl.)	1005.7	+2	NNW	1	c	52	65	8	8	7	–	7-8	10	4000	1008.8	0	ESE	2	pr	46	85	7	8	–	–	10	10	2500	1	*	circ	cpr₀r₀p₀	cpr₀c	cbccm₀
	Eskdalemuir ...	1005.5	+2	SW'W	3	c/pr	48	75	8	6	7	–	7-8	9	2500	1008.7	-2	WNW	3	bc	51	65	8	3	6	3	2-3	4-6	5700	1	*	cr₀pr₀	cbc	bc	bcw
	Point of Ayre...	1008.9	0	–	0	c	48	75	8	5	–	–	10	10	1500	1005.1	0	–	0	pr	45	82	6	6	2	6	7-8	9+	1500	1	*	cir₀c	cir₀cpr₀	cpr₀m₀	cm₀FF
13a	Tiree	1005.3	+2	NW	2	c	48	97	7	5	7	–	Tr	9	1500	1005.4	0	NW'N	3	c	47	97	8	2	8	–	Tr	7-8	1500	1	2	r₀r₀c	c	cbcb	bc
13b	Stornoway ...	1010.5	0	NW'N	3	c	50	85	8	2	3	–	1	7-8	2500	1005.8	-2	N	1	b	47	85	8	2	4	–	Tr	1	2500	0	1	cbc	bcb	b	bcc
15	Dalwhinnie ...	1010.2	+2	ESE	1	ir₀	47	75	8	8	7	–	7-8	9+	1500	1005.9	-2	–	0	c/r	46	92	9	8	7	–	7-8	9+	2500	1	0	cpr₀ir₀	r₀r₀c	cpr₀	cpr₀
	Aberdeen ...	1010.0	+2	N	2	ir	47	65	8	4	2	–	4-6	10	2500	1009.4	+8	NE	4	c	46	75	8	4	6	–	7-8	10	2500	0	*	cir	cir	*	c
	Wick ...	1008.8	+2	N'W	3	c	48	65	8	8	3	–	9+	9+	2500	1008.5	0	N	2	bc	47	65	8	4	3	–	Tr	4-6	4000	1	1	c	cbc	bccbx	bx fbc
16	Lerwick ...	1008.8	+2	S	2	c	47	75	8	7	7	–	4-6	9	1500	1008.6	+2	NNW	3	bc	47	75	8	8	4	–	2-3	4-6	1500	1	1	c	cbc	bc	cbc
17	Blacksod Point	1007.8	0	NNW	2	c	45	85	8	8	2	–	7-8	10	2500	1007.5	-2	NNW	2	c	45	85	8	5	7	7	4-6	10	1500	0	*	c	c	c	c
18	Malin Head ...	1012.5	+6	NE	2	bc	49	65	9	4	3	–	2-3	4-6	2500	1012.4	-8	NW	1	b	49	85	9	1	–	–	1	1	2500	0	2	bc	bc	bc	Rr
	Aldergrove ...	1011.5	+2	N	2	bc	48	97	7	2	–	1	2-3	4-6	2500	1010.6	-4	N	2	bc	47	92	7	2	–	–	2-3	2-3	2500	0	2	cbc	bc	bcc	c
19	Birr Castle ...	1010.8	-2	NNW	4	c	45	85	8	5	–	–	9+	9+	800	1010.4	-2	N	3	b	49	75	9	8	–	–	1	1	2500	1	*	r₀ddm₀r₀	cb	bwxc	cxwc
20	Valentia Obsy. †	1011.8	-2	NNW	1	c	50	55	8	5	–	–	7-8	7-8	4000	1011.2	-4	NNW	1	bc	52	55	8	4	–	–	4-6	4-6	4000	1	*	cy	cbcy	bc	bxcir₀
	Roches Point	1011.8	+6	NE	2	c	52	65	9	8	–	–	9+	9+	4000	1013.0	+4	W	3	bc	50	75	9	7	–	1	2-3	2-3	2500	1	2	r₀r₀bccv	cvbc	bcc	rr₀dd
		1011.5	+2	ESE	3	c	48	85	9	8	–	3	7-8	7-8	1500	(1011.5	+2	SSE	3	bc	47	85	8	5	4	–	4-6	4-6	2500	1	2	r₀r₀cv	cvbc	bcbw	bc̃cir₀

† See disturbance reported from Dungeness.

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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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).
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 . . Ground dry.
1 . . „ wet.
2 . . „ flooded.
3 . . „ frozen hard and dry.
4 . . „ partly covered with snow or hail.
5 . . „ covered with ice or glazed frost.
6 . . Ground covered with thawing snow.
7 . . „ covered with snow, less than 6 ins., deep but ground not frozen.
8 . . „ covered with snow, less than 6 ins., but ground frozen.
9 . . „ covered with snow greater than 6 ins. deep.

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

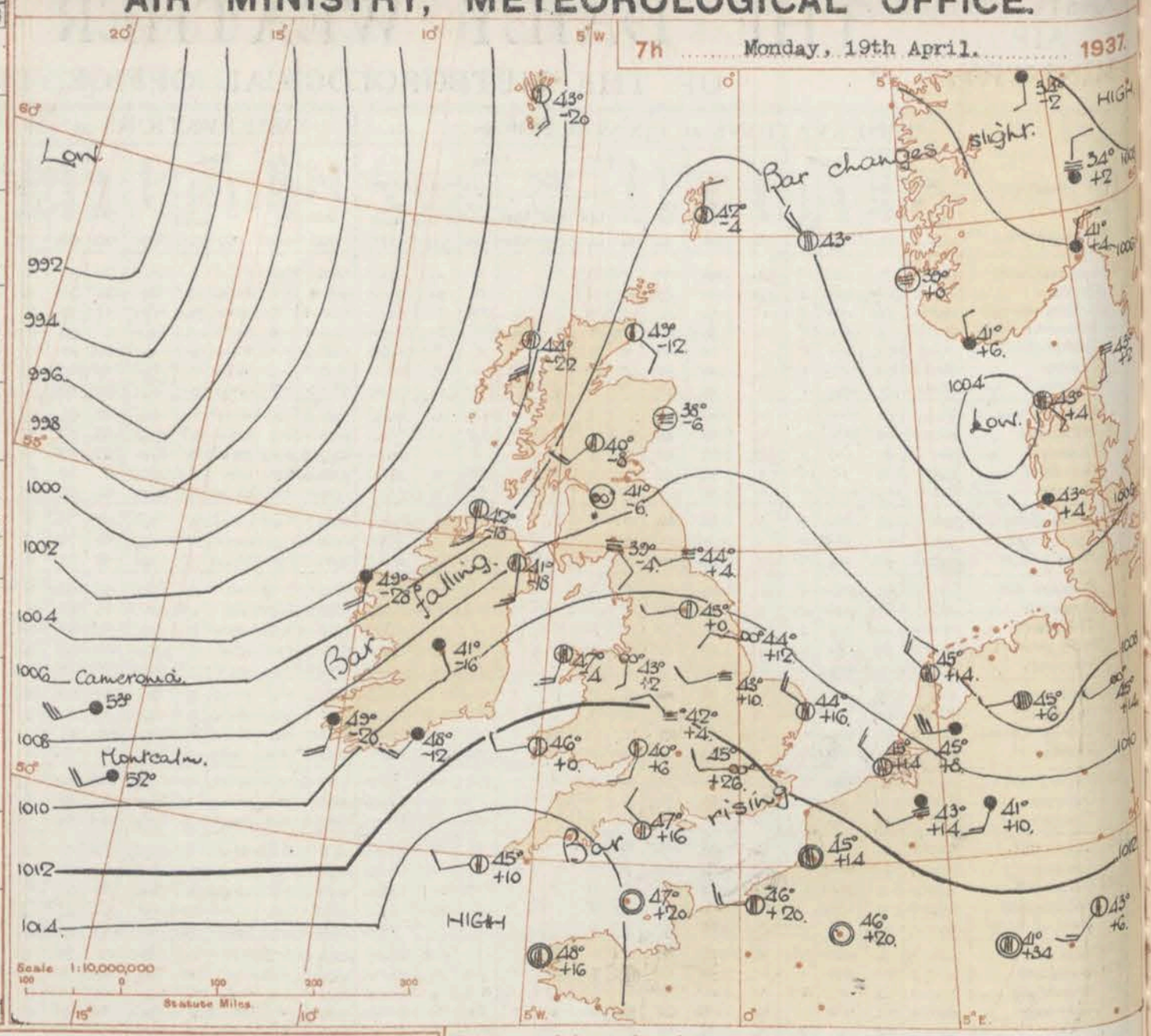
REPORTS from HEALTH RESORTS for 18th April 1937.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (F°). Min. 9h.17th. to 9h.18th.	Temperature (F°). Max. 9h.—17h. 18th.	Rainfall (mm). Night. 17h.17th. to 9h.18th.	Rainfall (mm). Day. 9h.—17h. 18th.	Sunshine (Hrs). Sunrise to 17h. 18th.	Sunshine (Hrs). Sunrise to Sunset. 17th.
1	Tunbridge W.	bco	cbc	42	52	0·5	–	2·9	0·0
	Bournemouth	b	b	39	56	–	–	5·3	3·0
	Ventnor ...	cb	b	42	52	–	–	5·1	7·3
	Southsea ...	b	bcb	42	55	–	–	6·7	3·3
	Bognor Regis	bc	bc	43	53	–	–	5·4	1·8
	Littlehampton	bc	bc	43	55	0·1	–	5·7	1·2
	Worthing ...	bc	bcirhc	43	54	Trace	0·3	3·7	2·2
	Brighton ...	cbc	cbc	44	52	Trace	–	3·5	1·0
	Eastbourne† ...	bcc	cbcc	44	53	1	–	4·8	0·3
	Hastings† ...	bcc	bcc	42	53	0·5	–	3·2	0·0
	Folkestone ...	o	orc	42	52	2	Trace	0·1	0·1
	Dover ...	oc	corc	43	51	2	Trace	0·0	0·0
	Deal	o	o	43	50	2	–	0·0	0·0
	Ramsgate ...	c	bc	43	49	8	0·2	0·1	0·0
	Margate ...	cd	c	44	48	4	Trace	0·0	0·0
2	Southend ...	cor	o	43	49	3	Trace	0·0	0·0
	Maldon ...	o	oid	44	48	3	Trace	0·0	0·0
	Clacton-on-Sea	orir	oird	42	48	5	0·4	0·0	0·0
	Dovercourt ...	orc	orc	43	50	6	1	0·0	0·0
	Lowestoft ...	cir	cir	42	51	0·5	0·5	0·0	0·0
	Skegness ...	orbc	coro	42	50	5	0·5	0·3	0·0
	Mablethorpe...	orir	oir	42	48	4	1	0·0	0·0
	Cleethorpes ...	or	or	42	48	5	0·5	0·0	0·0
3	Leamington S.	o	oc	43	50	2	–	0·0	0·0
4	Cheltenham†	c	circ	41	53	0·3	1	0·7	1·3
5	Bath	bcc	cbc	46	55	–	–	4·4	2·6
	Weymouth ...	b	b	41	53	–	–	11·5	7·6
	Jersey ...	bc	cbc	45	52	Trace	–	3·7	10·9
	Torquay ...	bcc	c	39	51	–	–	3·6	3·3
	Penzance ...	ro	rc	43	51	0·5	2	0·6	11·6
	St. Ives ...	d	pr	44	52	Trace	1	0·4	6·9
	Bude... ...	bcc	cbc	45	52	–	–	2·4	10·5
	Ilfracombe ...	bc	bcb	44	51	–	–	10·9	10·2
6	Aberystwyth	prcbc	bcc	43	49	2	–	5·0	0·1
7	Llandudno ...	o	c	44	49	1	–	0·6	0·0
	Colwyn Bay...	o	oc	43	48	4	–	0·0	0·0
	Rhyl	odir	orc	43	46	2	Trace	0·0	0·0
8	Wallasey ...	iro	oc	43	47	2	0·5	0·0	0·0
	Southport ...	orr	obcbo	44	51	3	2	1·0	0·0
	Blackpool ...	oro	oc	44	48	3	1	1·5	0·0
	Morecambe ...	robbc	cdpbc	45	54	3	Trace	2·4	0·0
9	Ilkley... ...	bcpc	c	43	53	5	0·3	1·6	0·0
	Harrogate ...	c	c	42	49	5	–	1·3	0·0
10	Berwick-on-T.	o	co	42	47	0·6	–	0·6	0·0
11	Dunbar ...	bcr	bc	42	51	0·5	–	0·6	0·0
12	Troon... ...	roc	cbccb	45	49	4	–	0·6	0·2
	Douglas ...	cbr	bcir	42	51	1	0·3	3·0	0·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Monday, 19th April. 1937.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~ Rough. ≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 19th April, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light or moderate southwest winds; fair today, occasional rain tonight and tomorrow; average temperature.
4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Moderate south wind becoming fresh or strong; cloudy, occasional rain; average temperature.
10 N.E. England 11 S.E. Scotland	Moderate south wind becoming fresh or strong; fair today, occasional rain later; average temperature.
12 S.W. Scotland & Isle of Man ▼ 13 A. W. Scotld. / B.N.W.Scotland. ▼ 14 Mid Scotland	Strong south to southwest winds, veering west later; occasional rain at first, fair periods later; average temperature.
15 N. E. Scotland 16 Orkney and Shetland	As 10 - 11.
17 N. W. Ireland ▼ 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Fresh or strong southwest winds; cloudy, occasional rain; average temperature.

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

GENERAL INFERENCE.

A depression south of Iceland is moving eastwards. After a fair period in the East and Southeast, rain will extend from the West to all districts. Temperatures will be about average.

FURTHER OUTLOOK.

Changeable with rainy periods.

Time of issue of Gale Warning.

▼ South Cone Hoisted 1830 19/4/37 in districts 12, 13 and 17.

Forecasts issued at 0945 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.
Director.

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

Morning of

MONDAY,
19TH APRIL.

1937.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—◎

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— ○ Clear sky. ◔ Sky less than 3/10 clouded. ◑ Sky 4/10 to 6/10 clouded. ◕ Sky 7/10 to 9/10 clouded. ● Overcast sky ● Rain falling. ✱ Snow. ✱ Sleet. △ Hail. ≡ Fog. ≡ Mist. (K) Thunder. ⧖ Thunderstorm. ∞ Slight haze

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 19th April, 1937.
No. 27542.

OBSERVATIONS at 1 hr. G.M.T. 19th 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	1010·4	+6	NW'W	2	1r₀	46	85	6	5	-	-	10	10	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1010·4	+2	NNW	3	c	44	85	7	5	-	-	9+	9+	2500
	Manston ...	142	1009·5	+2	W	3	c	45	85	7	5	-	-	9+	9+	2500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1008·7	+6	WNW	2	0	44	92	6	6	-	-	10	10	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1011·4	+12	NNW	3	b	44	92	8	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1013·1	+6	NNW	3	b	41	85	8	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1013·7	+4	N	2	bc	43	85	8	2	-	-	2–3	2–3	2500
	Guernsey ..	175	1011·5	+2	NNW	1	b	43	97	9	-	-	-	0	0	-
6	Pembroke ...	142	1011·1	0	NNW	1	b	44	75	8	-	-	-	0	0	-
7	Holyhead ...	26	1010·8	-6	SW'W	1	b	44	85	8	7	-	-	2–3	2–3	4000
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1009·1	+8	NW	3	c	43	92	7	5	7	-	4–6	9+	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1009·1	0	WNW	2	c	44	75	7	5	-	-	7–8	7–8	1500
11	Inchkeith ...	190	1009·3	-2	NNE	2	c	42	92	8	5	-	-	10	10	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1010·1	+2	NW	2	b	43	92	8	-	-	-	0	0	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1008·3	-14	-	0	c	42	97	7	5	7	-	7–8	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	77	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1008·2	-2	W	2	bc	35	97	8	5	-	-	4–6	4–6	1500
16	Lerwick ...	156	1007·8	-2	NNW	2	c	42	85	8	5	2	-	7–8	10	800
17	Blacksod Point	18	1009·3	-22	S	2	c	45	85	7	5	-	-	10	10	1500
18	Malin Head ...	84	1009·5	-18	SSW	2	c	41	97	7	5	5	-	4–6	9	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1012·4	-10	SSW	2	bc	45	97	8	4	-	-	4–6	4–6	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 19th 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)
1012·2	+14	W	1.	Z₀	46	85	5	5	-	-	7–8	7–8	4000	(	*
1011·9	+26	W	2	Z₀	45	92	5	5	-	-	10	10	450	1	*
1012·5	+16	W'N	1	c/r	45	92	6	5	-	-	7–8	7–8	4000	1	*
1013·2	+14	W	1	Z₀	39	97	6	-	-	1	0	Tr	-	1	*
1012·9	+18	NW	2	Z₀	43	97	6	-	3	-	0	Tr	-	1	§ 1
1012·4	+18	WNW	1	Z₀	43	85	5	5	5	-	Tr	7–8	4000	1	§ 0
1011·3	+16	NW	4	c/r	45	85	6	5	7	-	4·6	9+	1500	1	*
1011·7	+18	W'N	2	c	44	92	5	5	7	-	7–8	9+	5700	1	*
1011·3	+16	W	2	Z₀	44	85	6	5	3	-	4·6	9+	1500	1	2
1010·1	+16	NW'W	3	c	44	85	6	5	7	-	4·6	9+	2500	1	2
1011·2	+12	W'N	3	c/r	43	97	3	5	3	-	4·6	9+	1500	1	*
1011·6	+10	WSW	2	r	43	97	3	6	3	-	9+	9+	1500	1	*
1011·1	+4	NW	2	m	42	85	4	-	-	5	0	1	-	1	*
1012·3	+10	W'N	2	Z₀	43	92	6	1	3	-	2–3	4–6	1500	1	*
1012·3	+6	SSW	2	bc	40	92	8	5	-	1	4–6	4–6	4000	1	*
1013·4	+16	NW	2	bc	47	92	7	5	-	-	2–3	2–3	2500	1	2
1014·1	+10	NNW	1	b	41	85	7	-	-	1	0	Tr	-	1	0
1014·8	+6	W'N	2	bc	43	85	8	4	3	-	2–3	4–6	2500	1	2
1015·0	+10	WSW	2	bc	45	85	8	8	6	-	2–3	4–6	2500	1	2
1014·0	+20	-	0	b	47	92	7	-	-	-	0	0	-	1	2
1011·4	0	W'S	2	bc	46	97	8	5	-	-	2–3	2–3	4000	1	1
1010·2	-4	SSW	3	c	47	92	9	7	-	-	7–8	7–8	2500	0	1
1010·9	+2	S	1	Z₀	43	85	5	5	5	-	1	7–8	4000	1	*
1011·1	+4	W	1	Z₀	42	92	5	5	5	9	1	7–8	1500	1	*
1010·5	+12	W'N	2	Z₀	44	92	5	5	-	-	10	10	450	0	1
1009·3	0	WSW	1	bc	45	85	7	5	6	-	2–3	7–8	2500	1	*
1009·7	+4	WSW	1	m	44	92	4	-	2	-	10	10	1500	1	1
1008·9	-2	SW	2	c	42	92	8	5	4	-	4–6	7–8	1500	1	2
1007·6	-6	SW	1	Z₀	42	92	6	5	-	-	9+	9+	2500	1	*
1007·2	-6	-	0	Z₀	41	92	6	5	-	6	2–3	7–8	4000	1	*
1008·9	-4	SE'S	2	r	39	97	1	-	-	-	0	0	-	1	*
1009·3	-8	SSW	2	bc	43	97	7	1	5	-	Tr	4·6	1500	1	1
1004·1	-22	S	4	c	42	75	8	5	-	-	9	9	1500	0	3
1003·9	-22	S	5	c/pr	44	85	8	5	9	-	7–8	9+	1500	1	3
1007·6	-8	SW	3	bc	40	85	8	4	6	2	1	4·6	4000	0	*
1007·1	-6	-	0	f	38	97	3	5	3	-	1	2–3	5700	1	1
1006·1	-12	SE	2	bc	43	92	8	5	7	-	2–3	2–3	2500	1	1
1006·5	-4	N	2	c	42	92	8	8	7	-	7–8	9	800	0	*
1002·9	-28	S	4	1r	49	92	7	6	-	-	10	10	800	1	3
1003·7	-18	S	3	jp	42	97	7	9	-	-	9+	9+	1500	1	2
1007·8	-18	S	3	c	41	85	8	-	7	-	0	10	-	1	*
1008·6	-16	SSE	1	1r₀	41	92	7	5	-	-	10	10	2500	1	*
1008·4	-20	S'W	4	dd	49	97	6	5	-	-	10	10	2?0	1	2
1010·6	-12	SW	3	1r₀	48	92	8	5	7	-	4–6	10	1500	1	2

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 18h Hrs. (36)
1	London (Kew)	51	44	39	-	Tr	0·6
	Croydon ...	52	43	40	-	Tr	0·6
	S. Farnborough	53	44	37	0·2	Tr	1·1
	Boscombe Down	54	38	35	Tr	-	3·6
	Calshot (Sthmtn.)	54	43	40	-	Tr	8·1
	Lympne ...	50	42	39	0·1	Tr	0·4
	Manston ...	49	44	42	0·3	0·3	0·0
2	Shoeburyness ...	50	42	36	Tr	Tr	0·0
	Felixstowe ...	49	43	42	2	0·2	0·0
	Gorleston ...	49	42	42	0·4	Tr	0·0
	Mildenhall ...	50	41	39	4	1	0·1
	Cranwell ...	52	41	37	0·5	0·2	0·7
3	Birmingham ...	48	40	35	0·1	0·4	0·0
	Upper Heyford	49	41	35	Tr	1	*
4	Ross-on-Wye	53	36	29	0·1	0·2	1·4
5	Portland Bill ...	50	43	*	-	-	*
	Plymouth ...	51	39	32	Tr	-	3·6
	The Lizard ...	48	38	*	3	-	*
	Scilly (St. Mary's)	51	41	*	4	-	2·9
	Guernsey ..	51	42	34	Tr	-	2·7
6	Pembroke ...	51	40	*	-	-	12·6
7	Holyhead ...	49	43	34	Tr	-	5·9
	Chester(Sealand)	47	38	29	Tr	-	0·0
8	Manchester ...	49	41	36	8	Tr	0·1
10	Spurn Head ...	46	42	*	1	0·1	0·0
	Catterick ...						
	Tynemouth ...	48	40	36	0·2	0·1	0·0
11	Inchkeith ...	45	43	40	Tr	Tr	1·7
	Leuchars ...	50	40	39	5	2	0·8
12	Renfrew (Abbots I.)	53	38	31	1	0·2	0·4
	Eskdalemuir ...	55	37	31	0·2	-	4·2
	Point of Ayre...	49	37	32	0·1	Tr	0·1
13A	Tiree	51	35	*	3	-	1·4
13B	Stornoway ...	52	37	35	-	-	7·8
15	Dalwhinnie ...	49	42	*	8	0·1	1·1
	Aberdeen ...	49	37	33	Tr	-	0·6
	Wick ...	49	34	29	-	-	0·5
16	Lerwick ...	50	31	*	-	-	*
17	Blacksod Point	47	40	*	-	-	0·0
18	Malin Head ...	49	37	*	-	8	*
	Aldergrove ...	48	41	*	-	-	8·0
19	Birr Castle ...	51	34	28	1	Tr	4·6
20	Valentia Obsy. †	54	34	25	-	0·4	8·2
	Roches Point	54	43	36	01	2	4·3

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather Morning.	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	ccz₀	ccr₀cbc	51	44	39	-	Tr	0·6	•	•	6
Croydon	217	ccz₀	cz₀	bccrm	52	43	40	-	Tr	0·6	•	•	6
Greenwich (Royal Observatory)...	149	cr₀c	c	cr₀cm	51	43	35	Tr	Tr	0·0	72	77	4
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	0·0	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	52	49	40	-	-	0·2	69	77	•
Regents Pk. (Botanic Gardens)†...	168	•	•	•	51	43	38	-	Tr	0·1	74	82	•
Camden Square	110	ccp	c	•	51	43	38	Tr	-	•	•	74	•
Kensington	80	c	c	•	51	44	40	Tr	-	0·1	At 18h.		•
Hampstead Observatory	450	o	cor	orx	50	40	36	Tr	Tr	0·1	70	78	•
											•	83	

FOREIGN OBSERVATIONS.

18h. G.M.T. 18th April. 7h. G.M.T. 19th 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	1011·0	W	3	c	52	1013·1	-	0	b	46
Brussels	1008·7	WSW	3	r₀r₀	45	1010·4	WSW	2	df	43
Berlin	1005·5	SW	3	c	50	1008·4	SW'W	2	z₀	46
Zürich						1012·8	SSE	?	z₀	41
Rome	1009·3	WNW	2	c	59	1010·2	SW	4	0	57

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
Pollution Defective			

Kew Observatory. Max.	Time.	Min.	Time.
0·3	1hr 19th	<0·1	7h 18th

Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
52	43	Tr	Tr
46	41	4	3
52	45	1	0·1
•	41	•	-
•	•	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

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

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 20th April. 1937.
No. 27543.

OBSERVATIONS at 13h. G.M.T. 19th 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)	1011·6	-8	WSW	3	c	55	55	8	2	-	-	7-8	7-8	2500
	Croydon ...	1011·4	-6	WSW	3	bc	57	55	7	2	-	-	4-6	4-6	4000
	S. Farnborough	1011·7	-6	WSW	4	bc	58	45	8	1	-	5	4-6	7-8	4000
	Boscombe Down	1012·3	-8	SW	3	c	55	45	8	7	-	6	4-6	7-8	2500
	Calshot (Sthmtn.)	1013·2	-2	SSW	4	bc	55	65	8	7	-	5	2-3	2-3	4000
	Lympne ...	1012·3	0	SSW	4	c	51	75	7	8	-	-	9+	9+	2500
	Manston ...	1012·5	+4	S	4	r.	51	85	6	5	7	-	7-8	9	4000
2	Shoeburyness ...	1011·9	-2	W'S	2	c	54	65	5	5	7	-	7-8	9+	5700
	Felixstowe ...	1011·3	-6	W	2	bc	55	55	7	8	3	-	4-6	4-6	2500
	Gorleston ...	1011·3	0	ESE	2	c	47	85	7	8	-	-	9+	9+	2500
	Mildenhall ...	1010·7	-8	SW	3	r.	55	65	6	2	-	-	4-6	4-6	2500
	Cranwell ...	1009·6	-14	SW'W	3	bc	55	55	8	8	3	-	4-6	4-6	4000
3	Birmingham ...	1010·0	-12	SW	3	c	52	55	8	7	-	6	7-8	9	4000
4	Upper Heyford	1011·3	-10	W'S	3	c	62	55	8	2	-	-	7-8	7-8	2500
	Ross-on-Wye	1010·3	-20	SW'S	4	c	54	55	8	1	-	7	2-3	10	4000
5	Portland Bill ...	1013·6	+6	WSW	4	c	45	75	8	4	-	-	7-8	7-8	2500
	Plymouth ...	1013·3	-10	SSW	4	c	51	75	8	7	3	7	2-3	9+	2500
	The Lizard ...	1013·3	-12	SSW	4	c	52	85	8	4	2	-	7-8	10	2500
	Scilly (St. Mary's)	1012·3	-16	SW'S	5	jp	50	85	7	8	6	-	7-8	7-8	2500
	Guernsey ...	1015·1	+4	W'N	3	c	50	75	9	8	-	-	7-8	7-8	2500
6	Pembroke ...	1010·0	-10	SW'S	5	q	48	85	7	5	7	-	4-6	9+	2500
7	Holyhead ...	1007·2	-18	SW'S	5	r.	47	97	7	-	2	-	10	10	1500
8	Chester (Sealand)	1008·4	-20	SSW	3	c	56	45	8	4	-	7	4-6	10	2500
	Manchester ...	1008·7	-18	SSW	4	c	54	55	8	2	-	7	4-6	10	4000
10	Spurn Head ...	1008·7	-6	SE'S	2	c	53	75	7	3	7	-	4-6	9+	2500
	Catterick ...	1007·3	-16	SW'W	3	c	54	55	8	7	3	5	4-6	7-8	4000
	Tynemouth ...	1006·3	-20	W	2	bc	50	65	6	2	-	-	4-6	4-6	1500
11	Inchkeith ...	1005·1	-20	SW	3	c	43	65	8	8	-	-	9+	9+	4000
12	Leuchars ...	1004·2	-22	SSW	3	c	51	65	8	5	-	7	7-8	10	2500
	Renfrew (Abbots L.)	1003·3	-22	SSW	4	r.	46	85	6	5	2	-	7-8	10	1500
	Eskdalemuir ...	1005·1	-18	SSW	6	c	47	65	8	5	1	-	4-6	10	2500
	Point of Ayre ...	1005·4	-20	SW	2	r.	47	92	7	6	1	-	4-6	10	800
13A	Tiree	998·7	-20	SW	3	rr	46	92	7	6	2	-	7-8	9+	1500
13B	Stornoway ...	998·7	-14	S	6	r.	43	92	7	6	7	-	4-6	10	1500
15	Dalwhinnie ...	1001·5	-32	S	4	rr	42	75	7	-	2	-	0	10	2500
	Aberdeen ...	1002·9	-20	S	4	c	49	65	7	4	1	6	Tr	9+	4000
16	Wick ...	1001·8	-20	SE	4	c	45	92	8	5	1	1	4-6	9	1500
	Lerwick ...	1003·9	-16	S	2	bc	45	85	8	7	-	-	4-6	4-6	1500
17	Blacksod Point	1002·8	0	W	4	c	50	85	7	9	-	-	10	10	800
18	Malin Head ...	1000·6	-2	SW	3	c	48	97	7	8	2	-	4-6	9	1500
	Aldergrove ...	1002·7	-24	S'W	4	rr	45	97	6	6	3	-	9+	10	450
19	Birr Castle ...	1003·3	-22	S	1	r.	52	92	7	6	2	-	4-6	10	1500
20	Valentia Obsy. †	1005·6	-18	SW	5	r.	52	97	6	6	-	-	10	10	450
	Roches Point	1006·7	-20	SW	4	dr	51	87	6	5	-	-	10	10	800

OBSERVATIONS at 18h. G.M.T. 19th 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)	1010·3	-4	SSW	4	c	52	55	8	5	2	-	1	10	2500	1	*
	Croydon ...	1010·6	0	SW	4	c	51	65	7	1	1	-	Tr	10	4000	1	*
	S. Farnborough	1010·8	-2	SW'S	4	c	49	55	8	5	2	7	2-3	10	5700	1	*
	Boscombe Down	1010·8	-10	SW'S	4	c	48	75	8	5	2	-	Tr	10	2500	1	*
	Calshot (Sthmtn.)	1012·0	-10	SW	4	c	49	85	8	4	2	-	Tr	10	4000	1	*
	Lympne ...	1012·2	-4	SSW	4	c	48	75	8	-	-	6	0	9+	-	1	3
	Manston ...	1011·2	-6	SW'W	4	c	51	55	7	-	-	7	0	9	-	1	*3
2	Shoeburyness ...	1010·6	-4	SW	4	c	52	55	8	-	7	7	0	10	-	1	*
	Felixstowe ...	1009·7	-12	SSW	4	c	51	65	7	5	3	7	2-3	10	4000	1	3
	Gorleston ...	1009·1	-14	S'E	3	c	53	75	6	8	2	6	4-6	9	2500	1	2
	Mildenhall ...	1008·8	-10	SW'W	3	c	54	55	8	4	2	7	Tr	10	4000	1	*
	Cranwell ...	1007·3	-14	SSW	3	c	52	65	7	1	2	-	Tr	10	4000	1	*
3	Birmingham ...	1008·0	-10	SW	4	r.	48	65	7	-	2	-	0	10	-	1	*
4	Upper Heyford	1009·3	-10	SW	4	c	50	65	8	1	7	-	1	10	2500	1	*
	Ross-on-Wye	1008·2	-12	SW	4	c/pr	50	65	7	6	1	-	2-3	10	2500	1	*
5	Portland Bill ...	1011·2	-12	SW	4	c	49	92	8	4	-	-	10	10	2500	1	3
	Plymouth ...	1010·2	-18	SSW	4	r.	48	97	5	-	2	-	10	10	800	1	3
	The Lizard ...	1009·8	-28	SSW	5	rr	50	97	7	5	-	-	10	10	1500	1	3
	Scilly (St. Mary's)	1009·0	-16	SW'W	5	ir.	51	97	7	5	-	-	10	10	1500	1	3
	Guernsey ...	1013·6	-10	WSW	2	o	50	85	8	5	-	-	10	10	2500	1	2
6	Pembroke ...	1004·6	-22	SW	5	r.	48	97	5	5	-	-	10	10	1500	1	3
7	Holyhead ...	1002·6	-30	SSW	4	rr	47	97	7	6	-	-	10	10	450	1	3
8	Chester (Sealand)	1005·3	-26	SE'S	4	rr	48	75	7	-	2	-	10	10	1500	1	*
	Manchester ...	1006·2	-12	S	4	rr	47	85	6	6	2	-	7-8	10	1500	1	*
10	Spurn Head ...	1006·5	-12	SW'S	3	o	51	75	7	5	-	-	10	10	1500	0	2
	Catterick ...	1004·7	-14	SW'S	4	c	47	75	7	5	7	2	4-6	10	4000	1	*
	Tynemouth ...	1003·7	-20	SW	2	ir.	48	85	5	-	2	-	10	10	800	1	1
11	Inchkeith ...	1000·9	-22	SW	4	c	46	85	7	5	-	-	10	10	2500	1	2
12	Leuchars ...	1000·4	-22	SSW	4	r.	45	92	7	5	-	-	10	10	1500	1	*
	Renfrew (Abbots L.)	1000·3	-16	SW'S	2	c	47	85	7	6	3	-	4-6	9	800	1	*
	Eskdalemuir ...	1001·2	-26	SW	6	rr	42	97	6	-	2	-	10	10	220	1	*
	Point of Ayre ...	1000·4	-20	SW	4	rr	47	97	7	5	7	-	2-3	10	800	1	1
13A	Tiree	998·9	+2	WNW	3	c/r	47	85	8	8	7	-	4-6	7-8	1500	1	3
13B	Stornoway ...	999·9	-10	WSW	5	PR	47	85	8	8	7	3	7-8	9	1500	1	3
15	Dalwhinnie ...	999·7	-20	SW	3	ir	41	92	7	5	2	-	7-8	10	1500	1	*
	Aberdeen ...	999·9	-22	S	4	ir.	44	75	6	6	2	-	4-6	10	1500	1	2
16	Wick ...	997·8	-14	S	4	r.	44	97	6	5	2	-	7-8	10	800	1	2
	Lerwick ...	1000·5	-18	SSE	4	bc	43	85	8	5	2	8	2-3	4-6	1500	0	*
17	Blacksod Point	1003·4	+10	W	4	bc	50	65	8	3	-	3	2-3	4-6	1500	1	3
18	Malin Head ...	1000·4	-4	W	3	c	48	97	7	8	7	-	4-6	9	1500	1	2
	Aldergrove ...	1001·0	-6	SSW	2	c	48	85	8	5	7	-	4-6	10	1500	1	*
19	Birr Castle ...	1003·2	0	NW	1	r.	50	97	7	6	2	-	4-6	10	1500	1	*
20	Valentia Obsy. †	1005·6	+6	NW	3	bc	49	85	8	2	4	6	2-3	4-6	450	1	3
	Roches Point	1003·9	-16	WSW	3	dr	51	97	7	5	-	-	10	10	800	1	3

PAST 24 HOURS.

Weather. 7h.—12h. 19th (37)	13h.—18h. 19th. (38)	18h. 19th. to 1h. 20th. (39)	1h.—7h. 20th. (40)
bcbcy	bccy	cr.r.	r.r.cm.
cm.bcc.	bccy ⊕	ccr.r.	crr.d.
m.bcy	bccy	cir.or	rr.rid.
bcbm.bc	bcc	pr.cr.rm.	cr.r.r.c
bm.bc	bcc	cr.r.m.	cr.d.m.
cbc.	cz.bcc	ccr.r.	or.r.ff
cbc.	cr.c.c	cir.	or.r.m.
m.c	m.p. ⊕	cyc	circ
cbcm.	bccprm.	c	crrm.
cbcc	cpr.c	cor.r.	or.r.
cffcm.bc	c.c.cy	c.cr.r.	cr.r.d.
cfmcmb	bcyc	cr.	crrr.r.
bmbc	cor.	cr.	cr.
bcm.cbc	bccyc	cir.	r.r.ird.
bcbbcc	cp.	ccd.	d.o.o
bcc	c	arr	orr
bm.bcv ⊕	bccor.r.	or.r.drm.	aid.m.
bcc	corr	rr.ffm	ift.mc
bcc	or.r.	rfm.id.	id.p.
bbcc	cbcco	corr	orir.
bcc q.pr	cq.m.rrc	cqid.fc.fc.	cpr.c
cr.r. ⊕	r.r.r.r.o	orr.r.c	cir.c
bcw.m.cy	cy ⊕ rrm.	crr.	cr.r.r.bc
cm.bccy	r.r.rr	rrr.r.	r.r.c.m.
mbcc	co	orr	r.r.pr.c
bccy	cyc	cer.	c.c.w
ombc	bc.ir.	or.r.o	obc
. c ⊕	cer.r.	cbc	bcc
cm.bcc	cr.r.	cr.c	bccbc ⊕
bcm.r.r.	cm.r.rc	PR bcc	cbc.w.c
F bcc	ccrr	rrd.m.c	c
bcc.o	r.r.r	rrc.oo	co
orr	m.c.i.r.	c.i.R	c
crr,c	cr.r.o PR	c PR	bc.c.pr
c.ir	crr	*	ir.c
bc.f.c	c.i.r.o.c	r.r.o.bc	bc.c.z.
cm.o.bc.c	cr.r.o	cr.o.bc	c
bcc	c.r.r.	c.r.r.r.	r.r.i.r.pr
ir	bc	pr.c	PR.c
cr.r.c	bc.pr.	cp.r.c	c
crr.m.c	crr.m.c	c.c.r.c	c.c.i.r.
ir.r.r.	cr.r.	r.r.o.c	c.i.r
dd r.r.	r.r.p.cbc	bcc	r.r.r.r
ir.r.dr.dr	o.i.dr	id.r.bc	bc.c.r.r.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog ,, less than 220 yds.
fs, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Co predominating, and a little cirrus.
(Co may occur with any of the types 1 to 8).

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 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. ,, wet.
2 .. ,, flooded.
3 .. ,, frozen hard and dry.
4 .. ,, partly covered with snow or hail.
5 .. ,, covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 .. ,, covered with snow, less than 6 ins., but ground frozen.
9 .. ,, covered with snow greater than 6 ins. deep.

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

† See disturbance reported from Dungeness.

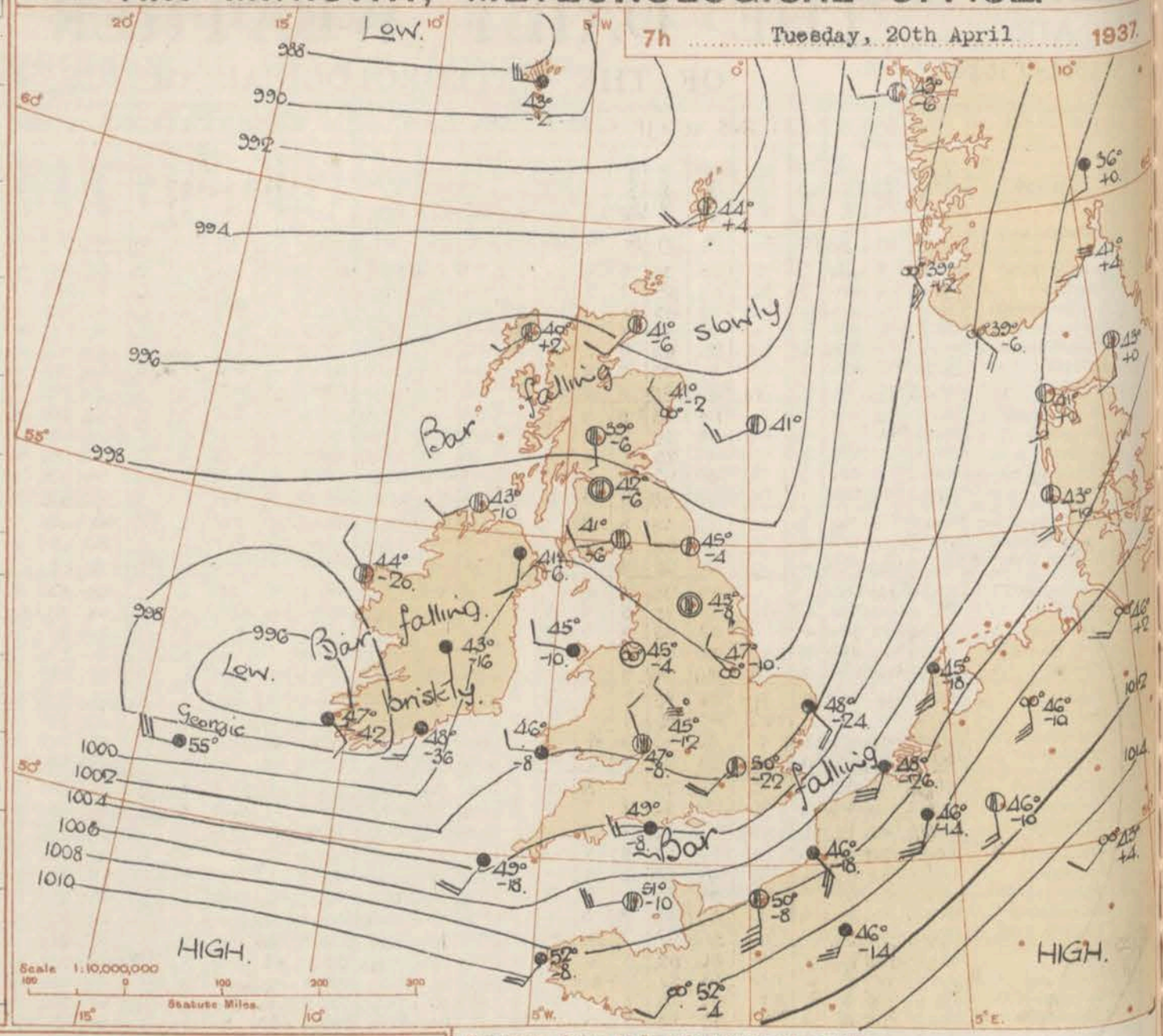
REPORTS from HEALTH RESORTS for 19th April 1937.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperatures (F) Min. 9h. 18th to 9h. 19th	Temperatures (F) Max. 9h.—17h. 19th	Rainfall (mm) Night 17h. 18th to 9h. 19th	Rainfall (mm) Day. 9h.—17h. 19th	Sunshine (Hrs) Sunrise to 17h. 19th	Sunshine (Hrs) Sunrise to Sunset. 18th
1	Tunbridge W.	bc	cbcb	42	57	0·3	-	6·9	3·5
	Bournemouth	b	bo	38	57	-	-	9·0	9·8
	Ventnor ...	b	bo	43	52	-	-	9·5	10·5
	Southsea ...	b	bbco	42	57	-	-	9·3	6·7
	Bognor Regis	bcbc	bcbcc	44	53	-	-	7·5	5·6
	Littlehampton	bc	bc	45	52	-	-	7·9	5·7
	Worthing ...	bcb	b	46	54	1	-	7·5	3·7
	Brighton ...	bc	bbc	45	54	Trace	-	6·9	3·5
	Eastbourne† ...	cbcb	bbcc	46	55	Trace	-	6·8	4·8
	Hastings† ...	bcbc	bcbbc	43	54	0·5	-	7·2	3·2
	Folkestone ...	bcco	rcbbc	43	54	Trace	Trace	4·3	0·1
	Dover ...	bcco	orbcc	44	56	0·2	2	4·0	0·0
	Deal	obro	roc	43	55	Trace	1	3·4	0·0
	Ramsgate ...	cbc	cpc	44	56	0·3	Trace	2·9	0·1
	Margate ...	cbc	cdcbc	45	55	0·1	Trace	3·5	0·0
2	Southend ...	cbcb	bbcc	42	58	Trace	-	5·1	0·0
	Maldon ...	ocbc	bcc	43	58	0·5	-	3·9	0·0
	Clacton-on-Sea	cmbc	bc	42	56	0·3	-	3·9	0·0
	Dovercourt ...	oem	pbc	42	56	?	Trace	4·8	0·0
	Lowestoft ...	cbc	cbc	41	54	0·2	-	3·6	0·0
	Skegness ...	bcb	bbc	41	56	0·1	-	6·0	0·3
	Mablethorpe...	bc	bccpc	39	56	Trace	Trace	4·8	0·0
	Cleethorpes ...	bc	bc	40	58	Trace	-	5·3	0·0
3	Leamington S.	bc	co	41	56	0·6	-	6·3	0·0
4	Cheltenham†	bc	bcc	38	56	1	-	6·3	0·7
5	Bath	bcb	bcc	37	56	-	-	7·8	5·5
	Weymouth ...	b	bbc	38	54	-	-	9·3	13·2
	Jersey ...	bcb	bcc	42	53	-	-	10·4	3·7
	Torquay ...	bbc	bcojp	39	54	-	-	8·1	3·7
	Penzance ...	bcbcc	crr	36	54	-	5	5·3	0·6
	St. Ives ...	c	cor	42	53	-	2	3·8	0·8
	Bude... ...	bc	bccor	46	52	-	2	5·3	3·1
	Ilfracombe ...	bcbbc	odr	38	52	-	1	5·8	12·5
6	Aberystwyth	cbcc	cpr	44	51	-	2	3·0	7·0
7	Llandudno ...	bcc	cor	40	54	-	Trace	4·0	0·6
	Colwyn Bay...	bcbcc	coc	39	53	-	-	5·2	0·0
	Rhyl	bbcc	cpr	38	53	-	0·3	5·3	0·1
8	Wallasey ...	bbc	bcor	41	55	Trace	1	6·0	0·0
	Southport ...	bbcco	orr	41	55	-	2	6·4	1·0
	Blackpool ...	bcc	cor	42	54	-	2	6·2	1·5
	Morecambe ...	b	bcrpr	43	53	-	3	6·6	2·4
9	Ilkley... ...	bcbcc	bcc	43	55	0·6	-	4·5	1·6
	Harrogate ...	bbc	bccr	41	55	Trace	Trace	5·1	1·3
10	Berwick-on-T.	cbc	oro	42	53	-	1	4·7	0·6
11	Dunbar ...	bc	crr	43	53	-	0·5	4·3	0·6
12	Troon... ...	bcgc	rorro	42	48	-	4	0·7	0·8
	Douglas ...	cbR	cR	36	48	-	11	3·0	3·6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Tuesday, 20th April ..... 1937.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
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. 20th April, 1937.
1 S.E. England ↓ 2 E. England ... 3 E. Midlands ...	Moderate or fresh southwest winds, veering west later; dull with occasional rain today, bright periods tomorrow; average temperature.
4 W. Midlands ... 5 S.W. England ↓ 6 South Wales ↓	Fresh or strong southwest winds, a gale locally, veering west; dull, occasional rain at first, fair later; average temperature.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	Light southeast wind, becoming westerly; cloudy, occasional rain, fair periods tomorrow; average temperature.
10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Light variable to westerly winds; cloudy, local rain; rather cool becoming average temperature.
13 A. W. Scotld. / B.N.W. Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Moderate or light westerly winds; fair periods, showers locally; average temperature.
17 N. W. Ireland 18 N. E. Ireland	As 10 - 12.
19 S. E. Ireland ↓ 20 S. W. Ireland ↓	Strong westerly to northwest winds; rainy at first, fair periods later; average temperature.

GENERAL INFERENCE.

A deepening depression off southwest Ireland is moving eastwards and will turn northeastward. The weather will be dull with occasional rain today over the southern half of the British Isles, with fairer periods tomorrow. In Scotland there will be bright periods and showers.

FURTHER OUTLOOK.

Changeable, rain at times.

Time of issue of Gale Warning.

↓ South Cone hoisted at 0800 G.M.T. on the 20th in districts 1,5,6, 19 and 20.

Forecasts issued at 0930 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.
Director.

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

Morning of

TUESDAY.
20TH APRIL.

1937.

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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. (E) Thunder. Thunderstorm. Slight haze

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 20th April, 1937.
No. 27543.

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	1006·4	−26	S'W	5	r₀r₀	47	97	7	6	2	-	9	10	800
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Ethmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1009·5	−16	SSW	4	r₀r₀	46	92	7	5	2	-	9	10	1500
	Manston ...	142	1008·6	−16	SW	4	r₀	46	85	7	5	2	-	7-8	10	2500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1007·2	−12	SSW	3	r₀r₀	46	92	6	6	-	-	10	10	1500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1005·0	−28	SW	6	rr	48	92	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1006·1	−6	WSW	5	m	49	97	4	5	-	-	10	10	800
	Scilly (St. Mary's)	163	1005·7	−8	W'S	5	id₀	51	97	6	5	-	-	10	10	1500
	Guernsey ..	175	1008·7	−24	SW	4	r₀r	49	97	6	5	-	-	10	10	800
6	Pembroke ...	142	1002·2	−10	NNW	3	o|f	48	97	7	5	-	-	10	10	1500
7	Holyhead ...	26	1001·7	0	WNW	4	c	47	92	8	5	-	-	10	10	4000
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1001·9	−22	S'W	5	rr	46	92	7	5	2	-	9	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	999·1	−10	SW	2	o	46	92	6	-	2	-	10	10	1500
11	Inchkeith ...	190	999·7	−6	SSW	2	bc	43	97	6	5	-	-	4-6	4-6	1500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1001·1	0	NW	1	c	44	97	8	2	2	-	2-3	10	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	996·6	0	WSW	3	bc	41	85	8	8	7	3	2-3	4-6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	77	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	996·1	+2	SW	2	bc	39	97	8	8	7	-	4-6	4-6	2500
16	Lerwick ...	156	995·4	−18	S	5	rr	41	92	7	6	2	-	9	10	800
17	Blacksod Point	18	1002·0	−12	W	3	c	45	85	7	5	-	-	10	10	800
18	Malin Head ...	84	1000·4	−2	W	2	c	43	97	7	8	2	-	4-6	7-8	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1005·1	−6	WSW	2	c	47	92	7	5	-	-	9+	9+	1500
	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)
1000·9	−16	SSW	3	z₀	51	92	6	5	-	-	10	10	1500	1	*
1001·3	−22	SW'S	4	c/d	50	97	6	6	2	-	9	10	450	1	*
1001·4	−6	SW	4	id₀	51	92	7	6	2	-	9	10	1500	1	*
1001·9	−10	SW	3	c/r	50	92	7	6	2	-	9+	10	800	1	*
1003·2	−10	SW'S	4	0	50	97	7	5	-	-	10	10	450	1	3
1003·9	−24	SSW	5	dF	48	97	7	-	-	-	10	10	150	1	4
1002·7	−30	SSW	5	r₀r₀	49	97	6	6	2	-	7-8	10	220	1	*
1002·1	−28	S'W	4	c	50	92	8	5	2	-	9+	10	1500	1	*
1001·9	−30	S	5	rr	49	92	6	6	2	-	7-8	10	800	1	4
1001·9	−24	SE'S	4	r₀r₀	48	92	6	6	-	-	10	10	1500	1	3
1000·2	−22	S'W	4	id₀	49	97	7	6	-	-	10	10	800	1	*
1000·0	−10	NW'W	1	z₀	47	92	6	5	-	3	7-8	9+	2500	1	*
1000·6	−12	NW	1	m₀	45	92	4	5	7	-	4-6	9	4000	1	*
1000·6	−12	W'S	4	c/d	49	97	6	6	2	-	9+	10	450	1	*
1001·1	−8	NNW	2	0	47	85	8	6	-	-	10	10	2500	1	*
1001·8	−18	WSW	5	id₀	49	92	7	5	-	-	10	10	1500	1	4
1003·6	−8	WSW	3	id₀	49	97	7	6	2	-	7-8	10	800	1	2
1004·2	−10	SW'W	4	c	48	97	7	8	2	-	9	10	1500	1	3
1003·8	−18	SW	4	id₀	49	97	6	5	-	-	10	10	1500	1	3
1006·3	−10	W'S	5	c/r	51	97	7	5	-	-	10	10	2500	1	3
1001·2	−8	W	2	pr₀	46	92	6	5	-	-	10	10	2500	1	2
1000·0	−10	W'N	2	ir₀	45	97	8	9	-	-	10	10	1500	1	2
1000·6	−4	-	0	z₀	45	92	6	5	2	-	9	10	2500	1	*
1000·1	−8	W'S	3	z₀	46	92	5	6	2	-	9	10	1500	1	*
998·7	−10	WSW	2	c	47	97	6	5	2	-	7-8	10	1500	1	2
998·8	−8	-	0	c	45	85	8	5	3	5	Tr	9+	2500	1	*
998·5	−4	W	2	bc	45	85	6	5	3	1	2-3	4-6	1500	1	1
999·3	−4	SW	3	c	41	97	6	5	-	-	9+	9+	1500	0	2
997·7	−2	WSW	2	bc	41	92	8	5	7	3	Tr	4-6	2500	1	*
998·6	−6	-	0	c	42	97	7	5	2	-	2-3	10	2500	1	*
998·9	−6	WSW	2	c	41	86	7	5	7	-	4-6	9+	800	1	*
999·9	−6	W'N	1	c	43	97	8	8	1	-	7-8	10	800	1	1
997·2	−2	SW'W	3	c	45	85	8	8	2	-	7-8	10	1500	1	3
996·3	+2	SW	1	c/pr	40	92	8	5	7	2	4-6	9	2500	1	1
998·4	−6	S	1	c	39	85	8	4	4	8	2-3	7-8	2500	0	*
996·7	−2	NW'N	1	z₀	41	85	6	7	2	8	Tr	9+	4000	1	1
999·5	−6	SW	2	c	41	97	8	8	8	8	4-6	9+	1500	1	1
994·1	+4	SW	4	bc	44	85	8	7	4	2	2-3	4-6	2500	1	*
998·7	−20	NW	2	c	44	85	8	5	-	-	10	10	800	1	3
998·2	−10	SW'W	2	jp	43	97	7	8	-	-	9	9	2500	1	2
999·6	−6	S	2	ir₀	41	92	7	5	2	-	2-3	10	450	1	*
1000·1	−16	S'E	1	ir	43	97	7	6	2	-	2-3	10	1500	1	*
995·4	−42	SE'E	2	rr	47	92	6	6	2	-	7-8	10	800	1	3
998·3	−38	SSE	3	rr	48	92	6	6	2	-	7-8	10	800	1	3

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine (96) Hrs. (36)
1	London (Kew)	58	47	45	-	2	6·6
	Croydon ...	58	46	44	-	3	5·1
	S. Farnborough	63	46	42	-	2	5·5
	Boscombe Down	*	*	*	*	*	6·3
	Calshot (Ethmtn.)	57	47	45	2		6·5
	Lympne ...	58	47	45	-	3	6·8
	Manston ...	59	47	45	-	3	*
2	Shoeburyness ...	58	47	45	-	2	6·2
	Felixstowe ...	57	47	40	-	3	7·3
	Gorleston ...	55	46	45	Tr	2	4·2
	Mildenhall ...	55	46	45	0·1	2	4·0
	Cranwell ...	54	45	44	Tr	3	6·1
3	Birmingham ...	56	46	44	-	2	5·7
	Upper Heyford	55	43	42	Tr	3	6·4
4	Ross-on-Wye	55	45	43	-	3	*
5	Portland Bill ...	55	47	46	Tr	0·3	6·3
	Plymouth ...	51	46	*	-	6	*
	The Lizard ...	51	48	48	3	5	7·2
	Scilly (St. Mary's)	52	47	*	3	3	*
	Guernsey ..	53	48		4	2	3·8
6	Pembroke ...	54	48	48	-	8	9·3
7	Holyhead ...	49	45	*	3	3	2·9
	Chester(Sealand)	50	44	41	7	3	2·3
8	Manchester ...	57	41	36	2	5	5·4
		55	44	40	1	3	4·8
10	Spurn Head ...	55	45	*	-	4	5·0
	Catterick ...	55	42	34	-	0·1	6·2
	Tynemouth ...	54	42	39	0·2	5	2·3
11	Inchkeith ...	49	40	38	1	-	3·6
	Leuchars ...	51	37	31	1	0·3	2·6
12	Renfrew (Abbotsl.)	51	40	32	3	2	0·7
	Eskdalemuir ...	48	37	34	10	4	2·2
	Point of Ayre...	53	40	*	7	1	2·7
13A	Tiree	50	40	37	6	0·5	2·5
13B	Stornoway ...	48	39	*	2	1	0·3
15	Dalwhinnie ...	*	*	*	*	*	*
	Aberdeen ...	46	38	35	2	0·1	2·5
	Wick ...	51	37	33	Tr	1	3·6
16	Lerwick ...	46	37	*	0·5	2	*
17	Blacksod Point	48	40	*	-	4	7·4
18	Malin Head ...	51	40	*	4	4	*
	Aldergrove ...	49	41	*	4	0·5	2·0
19	Birr Castle ...	50	38	34	9	Tr	0·5
20	Valentia Obsy. †	53	41	32	9	2	0·0
	Roches Point	53	46	39	10	7	1·0

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	bc cbcy	bc cy	cr₀cm₀	58	47	45	-	2	6·6	*	*	6
Croydon	817	cm bc c	bc cy ⊕	cc r₀ d₀	58	46	44	-	3	5·1	*	*	6
Greenwich (Royal Observatory)	149	cy.	c ⊕	circ	63	46	42	-	2	5·5	47	89	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	6·3	*	*	*
Westminster (St. James' Park)	27	*	*	*	57	47	45	2		6·5	45	85	*
Regents Pk. (Botanic Gardens)†	158	*	*		58	47	45	-	3	6·8	*	89	*
Camden Square	110	bc	bc	*	59	47	45	-	3	*	*	88	*
Kensington	80	bc	bc	*	58	47	45	-	2	6·2	At 18h. 59	95	*
Hampstead Observatory	450	bc	bc	or	57	44	40	-	3	7·3	*	99	*

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 19th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 20th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1014·6	-	0	z₀	54	1011·3	SSW	5	r₀r₀	46
Brussels	1012·7	WSW	1	c	48	1008·9	SSW	5	r₀r₀	48
Berlin						1014·0	SSW	1	z₀	45
Zürich	1014·8	SSW	2	c	48	1017·9	SSE	*	bc	41
Rome	1008·2	WSW	4	id₀	57					

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·3	18-20h 19th	<0·3	2-4 h 20th.

Kew Observatory. Max.	Time.	Min.	Time.
0·2	8h 19th	<0·1	0-6h. 20th

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
55	46	Tr	1
52	43	0·3	Tr
	41		Tr
54	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 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. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

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

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 21st April, 1937.

No. 27544.

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)	°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)	997·2	-40	S	4	rr	51	85	6	6	2	–	4-6	10	800
	Croydon ...	997·8	-34	SW'S	4	ro ro	50	92	6	9	2	–	4-6	10	800
	S. Farnborough	997·1	-40	S'W	4	ir √√	50	92	7	6	2	–	9	10	800
	Boscombe Down	996·4	-48	S'W	5	rr	49	97	6	6	2	–	9	10	800
	Calshot (Sthmtn.)	998·7	-40	S'W	4	ro ro	50	97	5	6	2	–	9+	10	800
	Lympne ...	1000·6	-28	WSW	3	dr	49	97	4	6	2	–	9	10	150
	Manston ...	999·6	-22	SSW	4	ir o	52	85	7	6	2	–	7-8	10	450
2	Shoeburyness ...	999·3	-26	SW	3	ir	52	92	7	6	2	–	7-8	10	800
	Felixstowe ...	998·7	-24	S	4	ro ro	51	92	5	6	2	–	7-8	10	800
	Gorleston ...	998·4	-16	SSW	3	ro ro	53	92	6	6	–	–	10	10	1500
	Mildenhall ...	997·3	-22	WSW	1	ir o	51	85	7	6	2	–	2-3	10	1500
	Cranwell ...	997·5	-20	WSW	1	pr o	49	85	6	5	2	–	9	10	1500
3	Birmingham ...	996·9	-34	SSW	2	rr	45	92	5	6	2	–	7-8	10	800
4	Upper Heyford	996·7	-46	SSW	2	rr	46	92	6	6	2	–	4-6	10	800
	Ross-on-Wye	994·8	-46	S'W	1	c/r	48	85	8	6	–	–	10	10	1500
5	Portland Bill ...	996·4	-60	WSW	6	RR	49	92	6	5	–	–	10	10	1500
	Plymouth ...	996·6	-44	WSW	6	ro ro	51	97	6	6	–	–	10	10	450
	The Lizard ...	997·8	-20	WSW	8	bc/pr	52	97	7	8	–	–	4-6	4-6	2500
	Scilly (St. Mary's)	998·7	-12	W'N	9	bc	53	75	7	5	4	•	2-3	4-6	2500
	Guernsey ...	1001·9	-36	W'S	6	ro ro	52	97	5	5	–	–	10	10	1500
6	Pembroke ...	992·4	-32	ESE	2	id	47	97	6	5	2	–	7-8	10	2500
7	Holyhead ...	996·9	-10	NE	2	r	46	92	8	9	7	–	2-3	10	2500
8	Chester (Sealand)	996·7	-24	N	2	rr	45	92	4	6	2	–	9	10	800
	Manchester ...	996·5	-26	W	2	ro ro	45	85	6	6	2	–	7-8	10	1500
10	Spurn Head ...	997·0	-12	WNW	2	ir o	46	92	6	5	–	–	10	10	800
	Catterick ...	996·2	-20	SSE	1	ir o	49	75	8	9	7	–	7-8	10	1500
	Tynemouth ...	996·7	-16	W	2	c	50	65	6	5	–	–	9+	9+	1500
11	Inchkeith ...	996·1	-14	WSW	2	c	49	75	7	8	9	–	4-6	9+	2500
12	Leuchars ...	996·0	-10	–	0	c	51	55	8	7	–	6	4-6	7-8	4000
	Renfrew (Abbotsl.)	996·9	-24	W'N	1	c/pr	49	75	8	8	7	–	7-8	9	4000
	Eskdalemuir ...	995·9	-6	NW	4	jp	48	65	8	8	3	8	4-6	9	2500
	Point of Ayre ...	997·5	-8	NW	2	c	50	92	8	8	6	7	2-3	7-8	1500
13A	Tiree ...	997·5	+4	WNW	1	c	48	65	8	8	3	–	4-6	7-8	2500
13B	Stornoway ...	996·1	+2	WNW	5	c	47	75	8	5	4	1	4-6	9	2500
15	Dalwhinnie ...	996·6	-4	NW	2	c	47	55	8	4	6	–	4-6	7-8	2500
	Aberdeen ...	995·9	-4	SSE	2	pr o	47	65	7	8	–	8	9+	10	2500
	Wick ...	995·6	0	WNW	2	phr	46	75	8	8	7	–	7-8	9+	1500
16	Lerwick ...	994·0	0	WSW	3	c	45	75	8	8	7	1	4-6	7-8	1500
17	Blacksod Point	1001·3	+20	W'N	4	bc	47	85	8	3	–	3	2-3	4-6	1500
18	Malin Head ...	998·0	+6	WSW	3	c	45	97	7	8	2	–	4-6	7-8	2500
	Aldergrove ...	998·0	+2	WSW	3	pr o	47	75	8	8	7	–	4-6	10	1500
19	Birr Castle ...	999·8	+8	NW	2	c/r	44	92	8	5	1	–	2-3	10	1500
20	Valentia Obsy. †	1004·8	+72	NWN	5	c	49	85	8	3	–	–	7-8	7-8	1500
	Roches Point	999·6	+60	N	6	c/r	47	85	8	9	–	–	9	9	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)	°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)	993·7	+6	NNW	5	c/r	48	85	6	6	2	–	7-8	10	800	1	*
	Croydon ...	991·7	-14	NW'N	5	tlr o	53	85	6	9	–	–	10	10	800	1	*
	S. Farnborough	994·4	+22	NW	5	PR	49	92	6	9	–	–	10	10	800	2	*
	Boscombe Down	995·7	+34	NNW	6	pr o	45	92	7	6	7	–	9	9+	800	1	*
	Calshot (Sthmtn.)	994·1	-6	W'N	5	jp	53	85	8	8	8	–	9	9+	800	1	3
	Lympne ...	992·9	-22	SW'W	6	ir o	50	85	6	6	–	–	9+	9+	450	1	5
	Manston ...	991·6	-26	SSW	4	c/r	51	92	8	89	–	–	9	9	450	1	*
2	Shoeburyness ...	991·6	-34	SW	3	tlr	53	92	8	9	7	–	9	9+	800	1	*
	Felixstowe ...	991·3	-38	NE'N	4	RR	48	97	4	6	2	–	9+	10	450	1	3
	Gorleston ...	993·4	-24	N'E	4	ro ro	45	97	6	6	–	–	10	10	1500	1	2
	Mildenhall ...	993·7	-10	NNE	4	ro ro	45	92	6	6	2	–	4-6	10	800	1	*
	Cranwell ...	996·1	+4	NW	3	ro ro	45	92	6	6	2	–	9+	10	800	1	*
3	Birmingham ...	998·4	+20	NNW	4	c	43	85	5	6	2	–	7-8	10	800	1	*
4	Upper Heyford	996·2	+28	NW	3	ro ro	43	97	6	6	2	–	7-8	10	450	1	*
	Ross-on-Wye	999·4	+48	NW'N	4	c	46	75	8	8	–	1	7-8	7-8	2500	1	*
5	Portland Bill ...	998·7	+46	NW	6	c	48	85	7	8	–	–	10	10	2500	2	5
	Plymouth ...	1003·7	+82	NW	6	c	47	75	8	5	–	–	9+	9+	1500	1	2
	The Lizard ...	1006·4	+64	WNW	7	bc	48	75	7	8	–	–	4-6	4-6	2500	1	4
	Scilly (St. Mary's)	1007·9	+48	NW'W	6	bc	50	85	7	2	6	–	2-3	4-6	2500	1	4
	Guernsey ...	1002·2	+22	NW'W	8	q	50	75	7	8	1	–	7-8	10	2500	1	5
6	Pembroke ...	1002·2	+44	NW	6	q	47	85	7	8	7	–	4-6	9	2500	1	3
7	Holyhead ...	1000·4	+30	WNW	4	c	48	85	8	7	9	–	7-8	7-8	4000	1	2
8	Manchester ...	999·0	+24	WNW	5	bc	46	75	8	2	4	–	2-3	2-3	1500	1	*
		998·0	+20	NW	3	c/pr	44	85	7	8	7	–	4-6	9+	1500	1	*
10	Spurn Head ...	995·7	-6	NE'E	2	c	44	97	6	5	2	–	4-6	10	800	1	0
	Catterick ...	997·3	+16	NNE	1	ir o	43	85	6	6	7	–	4-6	10	1500	1	*
	Tynemouth ...	996·4	-6	NE	2	c	46	75	7	5	–	–	7-8	7-8	1500	1	1
11	Inchkeith ...	997·5	+2	SW	3	c	44	85	8	8	6	–	4-6	9	2500	0	2
12	Leuchars ...	996·3	+10	–	0	c/r	46	75	8	8	+2	+2	6	9+	2500	1	*
	Renfrew (Abbotsl.)	997·9	+8	NNW	4	c	47	75	9	2	4	2	4-6	9	2500	1	*
	Eskdalemuir ...	997·7	+10	W	2	c/pr	43	85	8	5	1	–	7-8	10	1500	1	*
	Point of Ayre ...	999·7	+16	NW'N	4	c	46	92	8	1	6	7	1	7-8	1500	1	2
13A	Tiree ...	999·3	+14	NNW	3	c/r	43	75	8	3	6	8	2-3	7-8	1500	1	3
13B	Stornoway ...	997·1	+6	NNW	4	c	44	75	8	8	7	7	7-8	10	1500	1	2
15	Dalwhinnie ...		+10	NW	4	phr	41	75	7	8	–	–	10	10	2500	1	*
	Aberdeen ...	996·8	+4	E'S	1	pr o	43	85	6	9	7	–	7-8	7-8	1500	1	1
	Wick ...	996·0	+2	NW	2	c	45	75	8	8	7	–	7-8	7-8	1500	1	*
16	Lerwick ...	993·8	-2	W	3	c	45	85	9	8	9	–	4-6	7-8	1500	0	
17	Blacksod Point	1005·4	+18	W	5	bc	48	65	8	3	3	–	2-3	4-6	1500	1	4
18	Malin Head ...	1000·8	+20	NW	3	c	44	97	7	2	–	2	4-6	7-8	2500	1	2
	Aldergrove ...	1001·0	+22	NW'W	3	c/pr	44	92	9	9	3	–	4-6	9+	1500	1	*
19	Birr Castle ...	1004·5	+34	NNW	2	c	48	75	8	5	–	–	7-8	7-8	2500	1	*
20	Valentia Obsy. †	1000·7	+30	NW'W	5	c	49	65	8	2	–	6	4-6	7-8	2500	1	3
	Roches Point	1007·6	+34	NNW	6	bc	48	75	9	3	–	–	4-6	4-6	1500	1	3

PAST 24 HOURS.

Weather. 7h.—13h. 20th (37)	13h.—18h. 20th (38)	18h. 20th to 1h. 21st (39)	1h.—7h. 21st (40)
cro crr cmo dpr ro o rr cir rr odr rm fdom ro oro ir	crr ctr cro ro Rtq ro ro Rpr q c rr cpr cro rd m fr rom o ro m o	cir o ot thr o bc cpr o bc cpr o b c bc pr o cm r qr rr tcq	cir o b cr o bcv cbv b b bcbqcpro ro cbtq
ir o ir c crr o dd oro ro d o r ro cpr o c	rr ir ctlr crr o RR ro ro rr fr o ro rr ro ro crr m	r ctlR ir cb cRRrr or o c cr o rc c ro	c/b cr o ro bc or rqc c/b bcb
cro or d o ro s ir ro rr	orr rr Rir ro r o c	cbc pr cr o bcpr bccb	cb bc pr q bbcb
o R z o o i d rr m c rr m id f bcw	o Rc cro pr m c bcq bc bccp o	c c bbcb bccbc	c bbcc bccbc bccp o
cr rm i d ro o c cro rr m cro rr r	cm r q c r o c bc r rr o m obc cor o r pr c	bcq cPR bc bc o ri R c bc r PR c	cbcq bc cpr bc cpr t c
ciro cwe r o c bcc	rrc rq pi th c	cpr o om o r o c oc	pr o c q bbv bc
cjp obcc	PHR pr o cb cc	c bc cpr o	cpr o bc bc
cd o cpr o c	cir o cpr o c	bcpR cbc pr o	bcb bc
z o cpr cphr bcc	cpr cphrc c	pr o bc bc cpr o bc	bcwbw bc bc
prc cbc cro pr o	prc bcpr o cPR pr pc	prc bcpr o bc	prc bcz bcbw
ir rr r r o rr R qc crr c	c bcc p c prbcv	cpr o c cpr c bcp o bc D	c cpr o 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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
:, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. „ wet.
2 .. „ flooded.
3 .. „ frozen hard and dry.
4 .. „ partly covered with snow or hail.
5 .. „ covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. „ covered with snow, less than 6 ins., deep but ground not frozen.
8 .. „ covered with snow, less than 6 ins., but ground frozen.
9 .. „ covered with snow greater than 6 ins. deep.

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

† Sea disturbance reported from Dungeness.

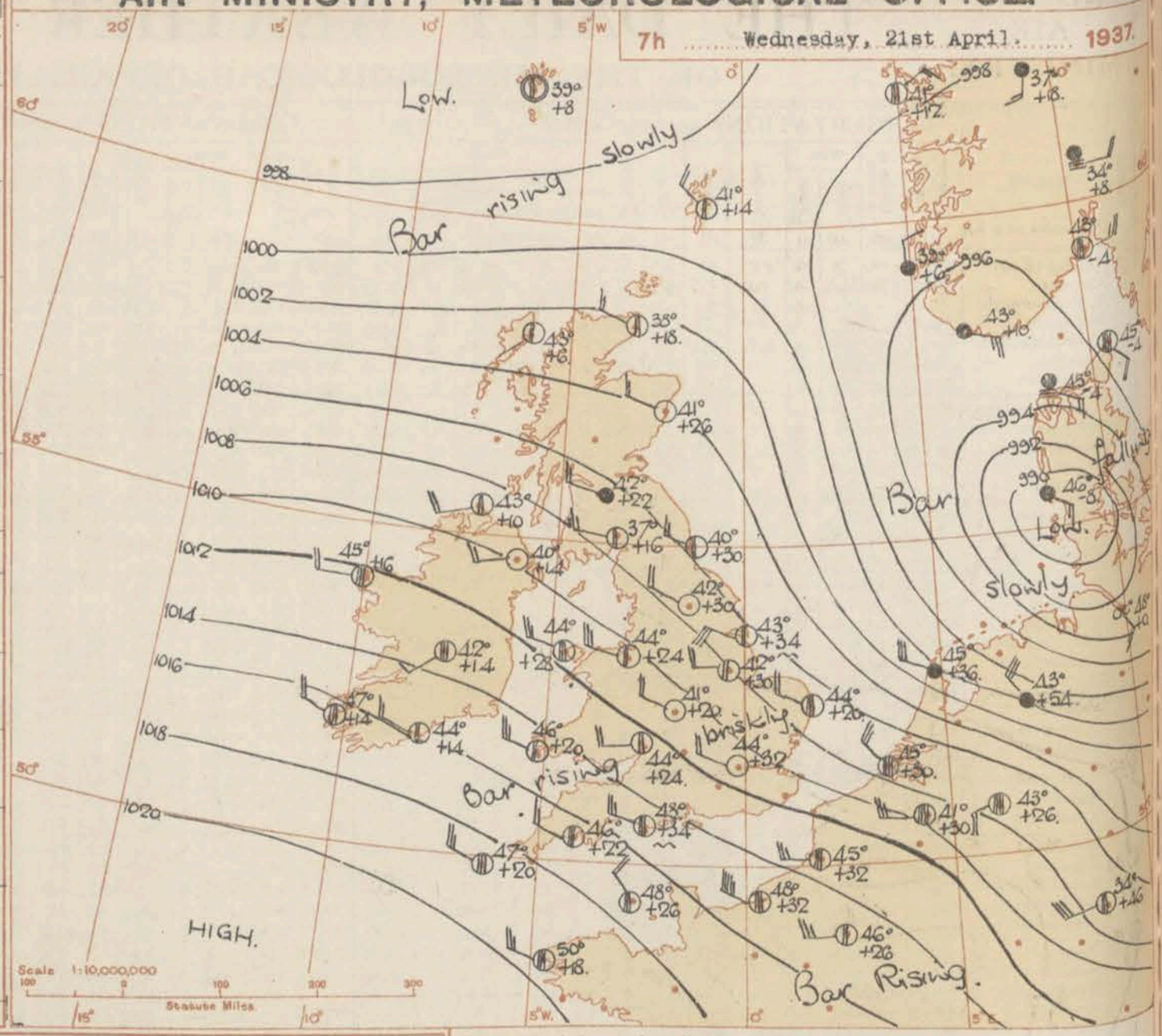
REPORTS from HEALTH RESORTS for 20th March, 1937.

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (F). Min. 9h. 19th to 9h. 20th.	Temperature (F). Max. 9h.—17h. 19th. to 20th.	Rainfall (mm). Night. 17h. 19th to 9h. 20th.	Rainfall (mm). Day. 9h.—17h. 20th.	Sunshine (Hrs). Sunrise to 17h. 20th.	Sunshine (Hrs). Sunrise to Sunset. 19th.
1	Tunbridge W.	oor	oroco	45	52	4	5	0·1	6·3
	Bournemouth	orr	rco	42	54	4	5	0·6	9·0
	Ventnor ...	orm	orc	46	52	5	5	0·2	9·5
	Southsea ...	ord	orbco	47	53	2	5	1·2	9·3
	Bognor Regis	orr.	rrcbc	47	52	4	5	0·2	7·5
	Littlehampton	orr	orre	47	51	5	5	0·0	7·9
	Worthing ...	or.	oro	47	52	4	5	0·1	7·5
	Brighton ...	dc	rdc	47	51	4	6	0·0	6·9
	Eastbourne† ...	dorr	rro	48	52	6	8	0·0	6·8
	Hastings† ...	odmdm	orro	46	51	4	6	0·0	7·2
	Folkestone ...	ormdo	oiro	46	51	5	4	0·0	4·3
	Dover ...	doir	ro	47	51	6	6	0·0	4·0
	Deal	rrad.	dd	46	52	2	3	0·0	3·7
	Ramsgate ...	c	do	46	52	1	3	0·0	3·0
	Margate ...	cdr	cdr	45	53	2	3	0·0	3·7
2	Southend ...	o	orc	46	55	2	4	0·0	5·1
	Maldon ...	ror	rr	45	54	2	5	0·0	3·9
	Clacton-on-Sea	coidr	orr	46	52	2	5	0·0	3·9
	Dovercourt ...	berbc	mrac	45	52	2	7	0·0	4·8
	Lowestoft ...	oiror	oror	45	52	3	9	0·0	2·6
	Skegness ...	ocr.o	orrm	46	51	4	7	0·0	6·0
	Mablethorpe...	co	org	45	52	3	6	0·1	4·8
	Cleethorpes ...	bcor	cor	46	51	3	2	0·0	6·1
3	Leamington S.	or	or	46	49	3	11	0·0	6·3
4	Cheltenham†	moir	oir	45	49	2	8	0·0	6·3
5	Bath	crr	rrc	48	54	0·3	5	0·0	7·8
	Weymouth ...	cr	rc	48	54	5	6	1·0	9·3
	Jersey ...	rc	crcbc	48	54	2	3	1·5	10·4
	Torquay ...	p.ord	pbccq	48	56	3	2	1·4	8·1
	Penzance ...	dmrrc	bccqc	48	56	7	1	3·0	5·3
	St. Ives ...	r	c	47	55	5	3	2·3	3·8
	Bude... ...	r	rcoq	46	52	10	2	0·3	5·3
	Ilfracombe ...	rror	rr o'	47	53	11	10	0·0	5·8
6	Aberystwyth	cPR	prc	42	50	11	7	0·3	3·0
7	Llandudno ...	iro	r.cbc	45	48	2	2	1·4	4·0
	Colwyn Bay...	rorop	pocbc	42	48	5	2	1·2	5·2
	Rhyl	coir	cprbc	42	47	3	4	1·3	5·3
8	Wallasey ...	corr	rrccb	45	48	6	4	0·7	6·0
	Southport ...	opor.	rocbc	43	49	4	0·6	0·9	6·4
	Blackpool ...	oro	opcbc	44	48	4	0·3	1·1	6·2
	Morecambe ...	cdc	idcbc	44	48	8	0·3	0·1	6·6
9	Ilkley... ...	epco	co	42	51	–	0·5	0·4	4·5
	Harrogate ...	c	cir.	42	50	–	0·4	0·4	5·1
10	Berwick-on-T.	oe	crr.o	41	49	1	Trace	1·7	4·7
11	Dunbar ...	cmor.	crn.	40	52	0·5	–		4·3
12	Troon... ...	cbccb	bcbcb	42	50	0·3	–	5·8	0·7
	Douglas ...	cbir	bc	40	50	4	1	3·1	3·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Wednesday, 21st April, ... 1937.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 21st April, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Moderate westerly winds; bright periods, local showers today, cloudy, rain later tomorrow; average temperature.
4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Moderate westerly winds backing southwest and becoming strong; mainly fair at first becoming cloudy with rain at times; average temperature.
10 N.E. England 11 S.E. Scotland	Light west winds, freshening from southwest, mainly fine today, occasional rain tomorrow; average temperature.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotland B.N.W.Scotland. 14 Mid Scotland	Wind southwest becoming strong, a gale at times later; cloud increasing, rain at times later; average temperature.
15 N. E. Scotland 16 Orkney and Shetland	Light west winds becoming strong south to southwest tomorrow; mainly fine today, occasional rain tomorrow; average temperature.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Wind backing southwest and becoming strong to gale; cloud increasing. rain later; average temperature.

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

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~ Rough. ≈≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A depression over the eastern North Sea is moving east and a large depression in mid-Atlantic is moving northeast. Weather will be fair at first apart from some local showers but more general rain will occur in the western areas this evening and extend eastwards to most areas later.

FURTHER OUTLOOK.

Changeable, occasional showers.

Time of issue of Gale Warnings.

▼ South cone hoisted at 0800 on 20th in districts 6, 19 and 20.
▼ South Cone hoisted at 0300 on 21st in districts 12, 13,17 and 18.

Forecasts issued at 0930 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.
Director.

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

Morning of

WEDNESDAY,
21ST APRIL.

1937.

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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 21st April, 1937.
No. 27544.

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

Distr.	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	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	1005·3	+36	W'S	4	bc	42	85	7	5	3	-	2-3	2-3	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1005·0	+48	W'N	4	c/r	44	75	7	5	-	-	7-8	7-8	2500
	Manston ...	142	1003·5	+50	W'N	5	q	46	85	6	5	-	-	10	10	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1000·7	+34	W	4	c	43	92	6	8	-	-	9	9	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1009·5	+30	NW	3	c	48	85	8	4	-	-	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1013·9	+24	W	5	bc	47	75	8	8	-	-	4-6	4-6	2500
	Scilly (St. Mary's)	163	1015·4	+26	WNW	6	bc	47	85	8	8	-	-	4-6	4-6	2500
	Guernsey ..	175	1012·4	+28	NW	5	bc	48	85	8	1	3	-	4-6	4-6	2500
6	Pembroke ...	142	1010·1	+20	WNW	5	q	46	75	8	5	6	-	4-6	9	2500
7	Holyhead ...	26	1007·0	+30	NW'W	6	bc	45	85	8	8	-	-	2-3	2-3	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	999·4	+16	WNW	5	pr	44	92	7	5	2	-	7-8	9+	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1000·5	+18	W	3	c	43	85	7	5	-	-	7-8	7-8	1500
11	Inchkeith ...	190	1000·9	+10	W	4	bc	41	95	8	5	-	-	4-6	4-6	4000
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1004·8	+22	NW'W	5	b	43	97	8	2	-	-	1	1	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1000·6	+12	W	2	bc	37	92	8	3	4	-	2-3	2-3	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	999·2	+16	WNW	3	bc	36	97	8	8	-	-	2-3	2-3	1500
16	Lerwick ...	156	997·2	+14	W	3	bc	40	85	8	5	3	-	2-3	4-6	2500
17	Blacksod Point	18	1009·5	+10	W	5	b	44	65	8	2	-	-	1	1	1500
18	Malin Head ...	84	1005·0	+20	W'S	3	bc	42	97	7	2	-	1	2-3	4-6	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Cbsy. †	30	1013·5	+6	W	5	bc	46	97	8	8	-	-	2-3	2-3	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 21st 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)
1011·7	+32	W	3	b	44	75	8	5	-	-	Tr	Tr	1500	1	*
1011·2	+32	WNW	4	b	44	75	8	1	4	-	1	1	2500	1	*
1012·0	+36	W'N	4	bc	45	65	8	1	-	1	0	2-3	1500	1	*
1013·1	+30	WNW	4	b	41	85	7	-	-	9	0	1	-	1	*
1013·3	+30	W	4	b	45	85	8	1	-	5	Tr	2-3	2500	1	3
1011·5	+38	WNW	4	bc	43	75	9	6	6	-	2-3	2-3	1500	1	5
1008·9	+34	W'N	6	q	44	75	8	1	-	8	2-3	4-6	1500	1	*
1009·6	+32	WNW	4	b	45	75	8	2	4	-	1	1	1500	1	*
1008·7	+40	W	5	bc/r	43	75	8	6	3	1	2-3	4-6	1500	1	4
1005·5	+20	WNW	4	c/r	44	85	6	8	-	-	9	9	1500	1	2
1008·6	+54	W'N	3	b	43	85	8	5	4	1	Tr	1	2500	1	*
1008·2	+30	W	4	b	42	85	7	8	-	-	1	1	2500	1	*
1010·5	+20	WNW	4	b	41	75	6	-	-	5	0	Tr	-	1	*
1011·6	+26	WNW	5	q	43	75	8	-	4	-	0	2-3	-	1	*
1012·3	+24	W	4	bc	44	65	8	7	-	1	1	2-3	4000	1	*
1014·4	+34	WNW	5	c	48	85	8	4	4	1	4-6	7-8	2500	1	4
1016·4	+22	WNW	3	c	46	85	8	8	-	6	2-3	9+	2500	1	1
1017·1	+24	W'N	5	bc	47	85	8	8	7	-	4-6	4-6	2500	1	3
1018·8	+20	WNW	5	c/pr	47	85	8	8	4	2	4-6	7-8	1500	1	3
1017·0	+26	NW	4	c	48	75	8	8	3	-	7-8	9+	1500	1	4
1014·5	+20	WNW	5	q	46	75	7	5	6	1	2-3	4-6	2500	1	3
1011·6	+28	WNW	5	c	44	85	8	2	-	9	4-6	7-8	2500	1	3
1010·5	+24	W'S	5	bc	44	75	7	8	7	-	4-6	4-6	2500	1	*
1008·6	+32	WNW	4	c	43	85	6	8	-	-	2-3	2-3	2500	1	*
1005·8	+34	WNW	6	q	43	85	7	-	4	9	0	4-6	-	0	4
1006·8	+30	WNW	4	b	42	75	9	4	6	-	Tr	Tr	4000	1	*
1005·5	+30	WNW	3	bc	40	85	6	2	-	-	2-3	2-3	1500	1	1
1005·3	+20	WSW	4	bc	40	92	7	5	-	-	4-6	4-6	2500	0	3
1005·0	+22	WNW	4	b	40	75	9	4	-	-	Tr	Tr	4000	1	*
1007·1	+22	W'N	3	pr.	42	75	9	2	6	-	4-6	4-6	2500	1	*
1007·2	+16	W'N	3	bc/pr	37	85	8	8	-	-	2-3	2-3	1500	1	*
1009·4	+26	WNW	4	bc	43	92	8	2	-	-	2-3	2-3	2500	1	3
1006·0	+16	W'N	4	bc	45	75	8	3	6	-	Tr	2-3	2500	1	3
1002·8	+6	SW	4	bc	43	85	8	3	-	3	2-3	2-3	2500	1	2
1006·3	+20	W	3	c	37	85	7	3	6	-	4-6	9+	2500	1	*
1004·0	+26	WNW	3	b	41	75	8	-	4	1	0	Tr	-	1	1
1002·2	+18	WNW	3	bc	38	92	8	8	-	-	2-3	2-3	1500	1	1
999·8	+14	NW	3	bc	41	85	8	3	-	2	2-3	4-6	1500	1	*
1012·3	+16	W	4	c	45	85	8	9	-	-	10	10	800	1	3
1009·2	+10	WSW	4	bc	43	97	7	8	-	+	4-6	4-6	2500	0	3
1009·5	+14	W'S	3	b	40	92	8	8	4	8	1	1	2500	1	*
1013·4	+14	SW	1	c	42	92	8	5	-	-	7-8	7-8	4000	1	*
1017·4	+14	WNW	4	c/pr	47	85	8	5	-	-	9+	9+	1500	1	3
1017·1	+14	WNW	3	bc	44	85	8	3	4	-	2-3	4-6	1500	1	3

PAST 24 HOURS.

Distr.	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 24 Hrs. (36)
1	London (Kew)	56	41	34	5	0.3	0.6
	Croydon ...	54	41	38	5	3	0.3
	S. Farnborough	55	40	35	5	0.2	0.6
	Boscombe Down	53	42	39	5	0.1	0.3
	Calshot (Sthmtn.)	53	42	39	5	0.1	0.3
	Lympne ...	60	40	36	4	2	0.0
	Manston ...	53	42	40	3	2	0.1
2	Shoeburyness ...	55	41	36	4	9	0.1
	Felixstowe ...	51	43	40	9	2	0.0
	Gorleston ...	53	42	40	7	5	0.0
	Mildenhall ...	52	40	38	11	1	0.0
	Cranwell ...	51	39	36	7	0.4	0.1
3	Birmingham ...	48	39	35	8	2	0.0
	Upper Heyford	50	39	34	10	0.4	*
4	Ross-on-Wye	49	41	35	8	-	0.3
5	Portland Bill ...	50	45	*	6	-	*
	Plymouth ...	54	45	43	4	0.8	1.2
	The Lizard ...	54	46	*	1	-	*
	Scilly (St. Mary's)	54	46	*	0.6	Tr	4.4
	Guernsey ..	56	46	42	2	-	1.2
6	Pembroke ...	49	43	*	6	0.1	1.9
7	Holyhead ...	48	43	40	2	0.6	3.3
	Chester (Sealand)	48	41	37	4	3	2.0
8	Manchester ...	49	40	34	4	4	0.0
10	Spurn Head ...	51	42	*	2	1	0.0
	Catterick ...	50	40	35	3	2	0.3
	Tynemouth ...	51	38	35	-	1	0.7
11	Inchkeith ...	57	38	34	-	-	2.2
	Leuchars ...	54	36	30	8	2	4.8
12	Renfrew (Abbotsl.)	51	37	30	0.6	Tr	2.3
	Eskdalemuir ...	49	36	33	4	Tr	0.9
	Point of Ayre...	52	41	*	-	0.2	5.2
13A	Tiree	48	39	35	0.4	1	3.8
13B	Stornoway ...	50	36	*	0.3	0.1	4.2
15	Dalwhinnie ...	49	34	27	0.1	2	2.7
	Aberdeen ...	49	36	32	1	0.2	1.6
	Wick ...	48	33	*	4	-	*
16	Lerwick ...	46	38	*	-	1	6.2
17	Blacksod Point	51	39	*	1	4	*
18	Malin Head ...	(45)	41	*	1	1	3.0
	Aldergrove ...	49	36	33	3	Tr	1.4
19	Birr Castle ...	51	28	33	6	Tr	3.1
20	Valentia Cbsy. †	52	44	41	3	1	5.8
	Roches Point	49	42	*	7	0.2	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	cr.cr.r	cr.cr.tr	cu.c.b	56	41	34	5	0.3	0.6	*	*	8
Croydon	217	cm.d.pr.	cr.cr.pr.Kq	th.r.r.bc	54	41	38	5	3	0.3	*	*	7
Greenwich (Royal Observatory) ...	149	cr	r.r.r.tr	cd.d.bc	58	40	33	6	0.3	0.3	95	60	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	55	40	35	9		0.1	92	62	*
Regent's Pk. (Botanic Gardens)‡ ...	168	*	*	*	55	41	36	7	1	0.0	97	68	*
Camden Square	110	c.d.cr	c.cr	*	55	41	35	10	1	*	*	59	*
Kensington	80	cod	cop	*	55	41	35	7	2	0.2	At 18h.	60	*
Hampstead Observatory	450	or.t.l	or	or.b.c	52	37	31	3	1	0.0	53	70	*

FOREIGN OBSERVATIONS

Stations	18h. G.M.T. 20th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F	7h. G.M.T. 21st April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1000·7	SSW	6	c/d	57	1015·9	W.	5	bc	46
Brussels	996·2	W	6	rr	50	1006·6	W	5	c	32
Berlin	1009·0	?	4	bc	55	998·7	S.W	5	rr	46
Zürich	1013·4	WSW	2	r	52	1012·2	W	5	c/r	48
Rome	1013·8	NW	3	b	61	1013·9	SSW	3	c	57

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·3	14-17h 20th.	<0·3	2-5h 21st

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

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
57	45	3	0·6
52	41	6	2
59		-	
59	43	Tr	11
*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 22nd April, 1937.
No. 27545

District.	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. 0–12 Force	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. 0–12 Force	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/22nd 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)	1015·3	+4	WNW	3	pr.	51	55	8	3	–	1	7-8	7-8	2500	1016·5	+8	W	4	z o	53	55	6	8	4	–	7-8	7-8	2500	1	*	bc pr q	c pr. b c d c r.	r. c m.	
	Croydon ...	1015·0	+2	WNW	4	c/pr	51	55	8	8	–	–	7-8	7-8	4000	1016·2	+6	W'N	4	bc	52	55	7	2	5	–	2-3	4-6	4000	1	*	v bc y pr.	c y pr. b c	b c y c p d d	o d d d. m.
	S. Farnborough	1015·4	+10	W'N	4	c	57	45	8	1	–	1	7-8	7-8	4000	1017·2	+10	W'N	4	c	52	55	8	8	6	9	4-6	9	4000	1	*	b v c y	c pr. y	c y c i r. o	i r i d. o
	Boscombe Down	1016·3	+10	W'N	5	bc	53	55	8	7	9	9	4-6	4-6	2500	1018·3	+16	W'N	4	c	50	65	8	8	4	9	2-3	7-8	2500	1	*	b c y	b c y b c b c r r	c	
	Calshot (Shmtn.)	1016·5	+6	WNW	4	c	53	55	8	7	–	–	7-8	7-8	2500	1017·9	+10	W	4	c	53	55	8	7	4	6	1	7-8	4000	1	2	b b c y	b c q y	b c y c p r c	c r. r i d. m.
	Lympne ...	1015·0	+18	WNW	4	bc	53	45	7	8	–	3	4-6	4-6	2500	1016·6	+4	W	3	c/pr	53	45	8	8	6	–	4-6	7-8	2500	1	3	b c c y	b c p r. y	b c p r. c	p r. f d o d.
	Manston ...	1014·2	+28	WNW	4	pr.	51	55	7	5	–	–	7-8	7-8	2500	1016·1	+8	W'N	3	c/pr	51	55	7	5	7	1	4-6	7-8	2500	1	*	b c c y p r.	b c c y p r.	c p r.	r. o d. m.
2	Shoeburyness ...	1014·0	+16	WNW	4	c	54	45	8	2	–	–	7-8	7-8	2500	1016·0	+14	NNW	1	pr.	51	65	8	8	6	–	7-8	9	4000	1	*	b, c b c y	b c y p c	p. c	m. r. c
	Felixstowe ...	1013·6	+22	W'N	4	c/pr	51	45	8	8	6	–	7-8	7-8	4000	1015·5	+12	W	4	c	51	55	8	8	6	9	4-6	7-8	2500	0	3	b c c pr.	b c y c y	c y b c, c	c d d c i d.
	Gorleston ...	1012·3	+34	WNW	4	c/pr	49	65	6	8	–	–	7-8	7-8	2500	1013·7	+12	W'N	4	bc	53	55	6	2	–	–	4-6	4-6	4000	1	2	c q p r c	c b c q y u c	c	c o i r.
	Mildenhall ...	1012·7	+14	WNW	6	pr.	50	55	8	8	–	4	7-8	9	2500	1014·0	+14	WNW	4	bc	52	55	8	2	4	1	2-3	4-6	4000	1	*	c p r. h. o	b c y	b c y. c	c r. r d d.
	Cranwell ...	1012·0	+14	WNW	5	c	50	55	7	8	–	1	7-8	7-8	2500	1014·2	+14	W'N	4	c	49	55	7	5	3	6	2-3	9	4000	1	*	b b c c y	b c y c	c r. r.	d. r. r d d.
3	Birmingham ...	1014·3	+14	WNW	4	c	51	45	8	8	–	3	4-6	7-8	4000	1015·6	+8	W	3	c	50	55	8	7	7	–	4-6	9	4000	1	*	b b c	c b c c	c r	c r.
4	Upper Heyford	1015·1	+14	W'N	4	q	51	55	9	2	–	8	7-8	7-8	4000	1016·7	+6	W'N	4	c	51	55	8	8	7	9	2-3	9	4000	1	*	b c q p r.	c b c c q y	c r. r. m.	c r. r. m. c
	Ross-on-Wye	1014·4	+10	W	5	q	43	55	9	1	–	2	4-6	4-6	4000	1016·5	+4	WSW	4	c	51	65	8	8	3	8	7-8	9+	2500	1	*	b c q	b c y c	c	c
5	Portland Bill ...	1018·0	+14	WNW	5	c	52	85	8	2	–	–	7-8	7-8	2500	1019·2	+6	WNW	4	c	50	85	8	4	4	–	4-6	10	2500	1	3	c	c	o p r.	o r r c
	Plymouth ...	1019·6	+14	W	5	c	52	65	8	7	–	8	9	9+	2500	1020·4	+2	W	4	c	51	75	8	5	7	–	7-8	9+	2500	1	2	b c p r c ⊕	c y	c r. d. d. m.	o i d. c m.
	The Lizard ...	1020·7	+12	W's	4	c	52	75	8	8	6	–	7-8	7-8	2500	1021·6	0	SWW	4	c	49	85	8	5	3	–	7-8	9+	2500	1	3	b c c	c	c m p r.	c z.
	Scilly (St. Mary's)	1021·5	+14	W'N	5	bc	55	75	8	8	4	9	2-3	4-6	2500	1021·3	−2	W's	5	c	51	85	7	5	3	–	4-6	9+	2500	1	3	c b c	b c c	o i d. m	c
	Guernsey ...	1020·5	+18	WNW	5	c	53	75	8	1	3	8	4-6	7-8	2500	1021·3	+6	WNW	5	c	51	85	7	7	3	–	4-6	9+	2500	1	4	c b c c	c b c c	c o d.	o d. d o
6	Pembroke ...	1016·5	+12	W'N	5	q	50	75	8	5	7	–	4-6	9	2500	1016·1	−2	WSW	5	q	48	92	7	5	2	–	4-6	10	2500	1	3	b c c q	q p r. c	e q r. m.	b q m. w
7	Holyhead ...	1014·2	+8	W's	4	c	51	65	8	2	–	8	2-3	9	2500	1014·0	−4	WSW	3	r. o.	47	92	7	6	2	–	4-6	10	1500	1	2	b c c	c r. o. c	r. r. i d. c	i d. r. m. c
8	Chester (Sealand)	1013·9	+2	W'N	5	c	50	55	8	8	–	5	2-3	7-8	2500	1014·5	+4	SW	3	c/r	50	65	8	4	2	–	7-8	7-8	1500	1	*	b c c	c b c c y r.	c r. r.	c r. r. m.
	Manchester ...	1013·3	+4	W	5	c	48	75	8	8	–	6	4-6	7-8	2500	1014·1	+2	W	5	c	49	65	7	4	7	–	2-3	9+	2500	1		b c j p q P H R	c	c i r.	d r. r d d
10	Spurn Head ...	1010·2	+6	WNW	5	q	47	75	7	3	7	–	4-6	7-8	2500	1012·0	+12	WNW	5	bc	48	75	7	–	7	–	0	4-6	–	0	4	q p r.	q c b c	c	c
	Catterick ...	1010·1	+10	W's	5	c	52	55	9-8	2	–	5	4-6	7-8	4000	1011·7	+6	W's	3	c	48	65	8	2	5	–	2-3	7-8	4000	1	*	b v e y	c y c	c	c o r. r. m.
	Tynemouth ...	1007·6	+8	WNW	4	bc	52	45	7	2	–	–	4-6	4-6	1500	1010·3	+8	W	4	bc	49	65	8	2	3	1	2-3	4-6	1500	1	2	b c q	d b P H R	c	c o i r. m
11	Inchkeith ...	1005·7	+2	SW	4	bc	49	75	8	8	–	–	4-6	4-6	2500	1008·8	+4	SW	3	bc	45	85	8	8	–	–	4-6	4-6	2500	0	2	bc	bc	bc	b c r r
12	Leuchars ...	1006·4	+4	W	4	j p	54	45	9	2	3	–	4-6	4-6	2500	1007·9	+8	W	5	bc	50	65	9	2	–	–	2-3	2-3	4000	1	*	b c y v	b c y p r.	b c c	c r. r.
	Rentrew (Abbots I.)	1008·9	+12	NNW	5	c/pr	49	65	8	3	–	6	7-8	9	2500	1010·0	+4	WSW	4	c	46	75	8	2	6	3	4-6	7-8	2500	1	*	b c c p r.	c p r	c	c r r d f
	Eskdalemuir ...	1009·4	+12	WNW	5	c	46	65	8	8	–	1	9	9+	1500	1010·6	+6	W	4	c	45	65	8	5	7	–	4-6	7-8	2500	1	*	b c p r h.	p r. c y	c p r. c	c r r d m.
	Point of Ayre ...	1011·7	+12	W'N	4	bc	53	85	8	2	–	4	2-3	4-6	2500	1012·3	0	W's	4	pr.	48	92	8	–	7	–	0	10	–	1	3	b c	b c p r.	p r. c o	r. r
13A	Tiree ...	1008·3	+8	W's	4	c/p h r	45	75	8	8	–	–	7-8	7-8	1500	1008·7	+4	WSW	3	c	46	85	8	8	3	–	2-3	9+	2500	0	3	c p h r	c p R q	c p R	r r c
13B	Stornoway ...	1004·7	+8	W	4	c/p h r	47	65	8	3	7	3	4-6	7-8	2500	1005·7	+8	WSW	6	c/pr	47	75	8	8	7	–	7-8	7-8	2500	1	3	b c c p r p h r	c p h r.	c p r. b c	b c c r. r.
15	Dalwhinnie ...	1007·7	+10	W	3	ir	42	75	7	3	6	–	4-6	4-6	2500	1008·9	+6	SW	3	bc	44	55	8	4	6	–	2-3	2-3	4000	0	*	c i R	i r c		c i r
	Aberdeen ...	1005·5	+6	W	3	j p	53	45	8	1	–	–	4-6	4-6	4000	1007·4	+10	W'N	3	j p	48	55	7	9	–	–	4-6	4-6	4000	1	1	w b b c y	b c y p r.	b c c b w	b x b c w
16	Wick ...	1003·5	+2	WNW	3	c	48	75	8	8	7	–	7-8	9	1500	1005·1	+6	WNW	3	c	49	65	8	8	7	–	4-6	7-8	2500	1	1	b c c	c	c b c	b c c.
17	Lerwick ...	1002·4	+6	WNW	4	bc	47	75	8	8	–	–	4-6	4-6	1500	1003·4	+10	WNW	4	bc	45	75	8	7	–	–	2-3	2-3	1500	0		b c	b c	b c p r	b c c p r.
18	Blacksod Point	1012·5	−8	W	3	rr	47	85	7	6	–	–	10	10	800	1010·0	0	W	4	Dr	51	92	6	6	–	–	10	10	450	1	5	rr	dr	d r	d r
	Malin Head ...	1010·2	+10	W	4	c	48	97	7	8	1	–	7-8	9	2500	1010·2	0	W	2	c/pr.	45	97	6	9	–	–	9+	9+	1500	0	3	c b c	c p r. z	c z. i d	c d d z.
	Aldergrove ...	1011·8	+8	WSW	3	j p	49	75	8	8	1	–	9	10	1500	1011·4	−6	SW	3	c/r	47	85	8	5	2	–	7-8	10	2500	1	*	b w e p r.	p r h r c	c r. r. c	d. d. i d. c
19	Birr Castle ...	1014·4	+6	W'N	3	c/pr	51	65	8	8	2	–	4-6	10	2500	1012·2	−24	SW	2	r. o.	51	97	7	6	2	–	4-6	10	1500	1	*	c p r.	c r. r.	r. r. c	c i r.
20	Valentia Obsy. †	1017·8	−6	SW	5	id.	50	92	6	5	–	–	10	10	800	1017·2	−2	WSW	6	c	53	92	6	5	–	–	10	10	800	1	4	p r i d.	i d. i d c	c	c i d. c
	Roches Point	1018·1	0	WNW	3	c	51	75	8	8	1	–	7-8	10	1500	1016·1	−16	W'N	4	c	52	92	8	8	4	–	7-8	9	1500	1	3	c p r. c	c p r. c m	c p r. 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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. „ wet.
2 .. „ flooded.
3 .. „ frozen hard and dry.
4 .. „ partly covered with snow or hail.
5 .. „ covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. „ covered with snow, less than 6 ins., deep but ground not frozen.
8 .. „ covered with snow, less than 6 ins., but ground frozen.
9 .. „ covered with snow greater than 6 ins. deep.

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

† Sea disturbance reported from Dungeness.

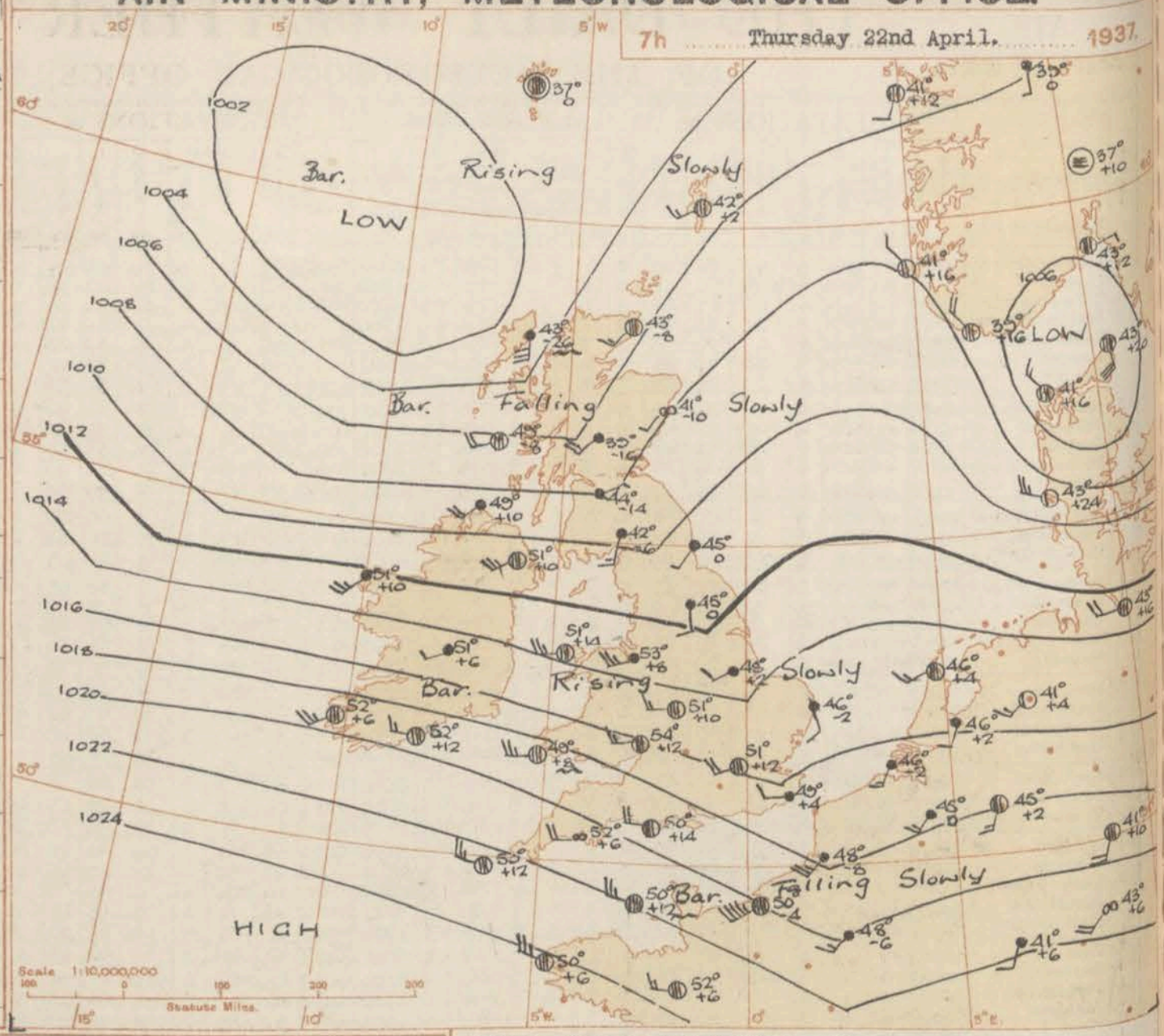
REPORTS from HEALTH RESORTS for 21st April 1937.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (F°). Min. 9h. 20th to 9h. 21st.	Temperature (F°). Max. 9h.—17h. 21st.	Rainfall (mm). Night. 17h. 20th to 9h. 21st.	Rainfall (mm). Day. 9h.—17h. 21st.	Sunshine (hrs). Sunrise to 17h. 21st.	Sunshine (hrs). Sunrise to Sunset. 20th.
1	Tunbridge W.	bc	cbc	40	54	2	–	9·2	0·1
	Bournemouth	b	b	42	57	0·5	–	9·2	0·8
	Ventnor ...	rb	bbc	42	55	0·3	–	10·9	0·4
	Southsea ...	b	b	43	57	Trace	–	11·5	1·3
	Bognor Regis	b	bbcpr	42	55	0·5	0·5	9·1	0·2
	Littlehampton	bc	bc	42	57	1	–	10·4	0·1
	Worthing ...	b	bcbbc	42	57	0·3	–	9·7	0·1
	Brighton ...	b	bcbc	42	56	0·2	–	8·3	0·0
	Eastbourne† ...	bcyc	c	43	55	0·3	–	8·5	0·0
	Hastings† ...	bcbc	bcppc	41	56	1	0·3	9·9	0·0
	Folkestone ...	bbc	bcdrc	41	54	1	Trace	8·8	0·0
	Dover ...	bc	bcc	43	55	2	–	8·9	0·0
	Deal	bcbc	bcc	41	56	1	Trace	9·1	0·4
	Ramsgate ...	bc	bc	43	57	3	–	9·2	0·0
	Margate ...	bc	bc	43	53	2	–	9·4	0·0
2	Southend ...	bcb	bccr.	41	55	6	Trace	9·2	0·2
	Maldon ...	bcb	bccpc	42	54	4	0·5	7·9	0·0
	Clacton-on-Sea	bc	bcy	41	54	1	–	9·2	0·0
	Dovercourt ...	racbc	bcr	41	55	5	–	7·8	0·0
	Lowestoft ...	bccd	bcb	41	54	4	Trace	8·1	0·0
	Skegness ...	b	bbcb	41	54	1	–	10·6	0·0
	Mablethorpe...	bcc	bcbc	40	54	0·5	–	10·7	0·0
	Cleethorpes ...	bc	bc	40	55	0·5	–	10·4	0·0
3	Leamington S.	cbc	bcc	38	55	1	–	8·4	0·0
4	Cheltenham†	cbc	bcc	39	55	–	–	10·1	0·0
5	Bath	bbc	bbc	42	55	0·3	–	10·4	0·5
	Weymouth ...	b p.b	bbc	42	57	0·5	Trace	8·4	1·6
	Jersey ...	cbc	bcc	46	53	–	–	7·4	1·9
	Torquay ...	bcq	bcc	44	56	0·3	–	7·3	1·4
	Penzance ...	cbcbc	cbcc	46	55	–	–	5·9	3·7
	St. Ives ...	b	c	46	53	–	–	5·6	3·1
	Bude... ...	bc	bcc	46	51	5	–	6·7	0·0
	Ilfracombe ...	obcb	bcco	45	52	–	–	7·2	0·0
6	Aberystwyth	cbc	bccpr	43	50	5	1	7·5	0·6
7	Llandudno ...	bc	bccp.	42	52	2	Trace	6·5	2·0
	Colwyn Bay...	bcbac	bcc	42	53	1	–	8·3	1·6
	Rhyl	bbc	bcc	42	53	1	–	7·9	2·4
8	Wallasey ...	cbc	bcc	40	53	2	–	8·6	2·2
	Southport ...	cbc	bcc	42	52	2	–	6·8	2·4
	Blackpool ...	bc	bcc	42	50	0·5	–	8·5	2·5
	Morecambe ...	bccbc	cbbcc	40	50	0·5	–	6·5	0·6
9	Ilkley... ...	bcbc	bc	38	52	4	0·3	10·7	0·4
	Harrogate ...	bbc	bbcc	38	52	2	–	8·0	0·4
10	Berwick-on-T.	bc	bc	39	54	1	–	10·3	1·7
11	Dunbar ...	bcr.	bc	37	53	1	–	11·5	
12	Troon... ...	bcbpc	cbcbc	41	51	0·3	0·3	5·4	5·5
	Douglas ...	bc,	cr.	39	50	2	Trace	7·2	3·8

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Thursday 22nd April, ... 1937.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~ Rough. ≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 22nd April, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Moderate or fresh westerly winds; mainly cloudy, some brighter intervals, light local drizzle; rather mild.
4 W. Midlands ... 5 S.W. England 6 South Wales ...	Fresh westerly winds; cloudy, local rain; rather 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.	Fresh or strong westerly winds; cloudy, occasional rain; rather mild.
13 A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Fresh or strong westerly winds; occasional rain, bright intervals later; average temperature.
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.

GENERAL INFERENCE.

A depression between Iceland and Scotland is moving east-northeast and is being followed by another disturbance from mid-Atlantic. Weather will be mainly cloudy and rather mild with light local drizzle in the South but in the Northwest and North rain will be much more general.

FURTHER OUTLOOK.

Changeable with rain at times in the North; fair periods in the South.

Forecasts issued at 10.0 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S. Director.

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

Morning of

THURSDAY,
22ND APRIL,

1937.

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

Gnomonic Projection. Scale 1: 4X10⁷ 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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 22nd April, 1937.
No. 27545

OBSERVATIONS at 1 hr. G.M.T. 22nd 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	1016·4	-14	S'W	3	dd	45	97	6	–	2	–	10	10	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1018·1	-6	WSW	3	pr$_o$	45	85	7	5	–	–	10	10	4000
	Manston ...	142	1017·1	-6	SW'W	3	pr$_o$	47	75	7	5	–	–	10	10	5700
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1015·2	-2	SW'S	2	c	44	92	7	5	–	–	10	10	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1017·1	-16	WSW	5	pr$_o$	49	92	7	5	–	–	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1020·9	0	WSW	5	c	50	97	7	5	–	–	10	10	1500
	Scilly (St. Mary's)	163	1021·5	0	W'N	5	c/d	50	97	6	8	–	–	10	10	1500
	Guernsey ..	175	1021·1	-12	W'S	5	d$_o$d$_o$	50	92	5	5	–	–	10	10	1500
6	Pembroke ...	142	1015·6	-2	W'N	6	q	49	97	6	5	2	–	7-8	9+	2500
7	Holyhead ...	26	1012·1	+6	WSW	4	id$_o$	49	97	5	–	2	–	10	10	1500
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1012·9	0	SW'N	3	c	45	85	6	5	2	–	9	10	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1011·3	0	W	2	c	45	85	7	5	–	–	9	9	1500
11	Inchkeith ...	190	1010·1	+4	SW	3	bc	42	92	7	4	–	6	2-3	4-6	1500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1010·6	-6	S'W	3	c	45	97	8	–	2	–	0	9	–
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1006·7	-2	SW	3	bc	41	85	7	5	7	–	4-6	4-6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1007·1	+4	SW	3	bc	36	92	8	5	–	–	2-3	2-3	2500
16	Lerwick ...	156	1005·0	+4	WSW	3	bc/pr	41	85	8	8	–	–	4-6	4-6	800
17	Blacksod Point	18	1012·7	+6	W	5	Dr	51	92	6	6	–	–	10	10	450
18	Malin Head ...	84	1008·4	-4	S	2	id$_o$	47	97	6	8	2	–	7-8	10	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1017·9	0	WSW	5	jf	50	97	6	5	–	–	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 22nd 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)	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)	Sun. 0–9 * (30)
1	1015·9	+12	WSW	2	Z$_o$	51	92	6	5	–	–	10	10	1500	1	*
	1015·6	+12	WSW	4	c/d	51	92	6	–	2	–	10	10	1500	1	*
	1016·3	+14	W	3	id$_o$	52	92	6	6	2	–	9+	10	450	1	*
	1017·1	+12	W'N	5	c	50	97	6	–	2	–	10	10	450	1	*
	1017·3	+14	W'N	4	c	53	85	7	5	7	–	9+	10	1500	1	2
	1016·1	+4	W	2	id$_o$	49	97	4	5	–	–	10	10	800	1	1
	1015·1	+2	WSW	2	id$_o$	49	92	6	6	2	–	7-8	10	800	1	*
2	1015·1	+4	W'S	2	ir$_o$	51	92	6	6	2	–	9+	10	1500	1	*
	1014·9	-2	WSW	2	id$_o$	48	97	4	5	2	–	9	10	800	1	1
	1014·2	-2	S'E	2	ir$_o$	46	97	5	6	–	–	10	10	1500	1	2
	1013·7	+4	W'S	2	id$_o$	49	97	4	5	2	–	9+	10	450	1	*
	1012·6	+2	WSW	2	d$_o$d$_o$	48	97	5	6	2	–	9	10	450	1	*
3	1013·9	+10	W	3	c	51	92	6	6	–	–	10	10	1500	1	*
	1015·6	+14	W	3	c	52	92	8	5	–	–	10	10	1500	1	*
4	1015·6	+12	W	3	c	54	85	8	5	–	–	10	10	2500	1	*
5	1018·2	+14	WNW	4	c	50	92	7	5	–	–	10	10	1500	1	3
	1020·0	+6	W	4	Z$_o$	52	92	6	5	–	–	10	10	800	1	1
	1021·5	+10	W'S	5	c	50	97	7	5	–	–	10	10	1500	1	3
	1022·5	+12	WNW	5	c	50	97	7	8	3	–	2-3	7-8	1500	1	3
	1021·5	+12	WNW	5	o	50	97	7	5	–	–	10	10	2500	1	4
6	1017·4	+8	W'N	5	q	49	97	6	5	7	–	4-6	7-8	2500	1	4
7	1013·9	+14	W	5	c	51	85	8	6	2	–	4-6	10	2500	1	2
8	1013·0	+8	W'S	5	r$_o$r$_o$	53	85	6	6	2	–	7-8	10	1500	1	*
	1012·9	+6	W	5	dd	51	97	5	6	2	–	9	10	450	1	*
10	1012·3	0	SSW	2	c	46	92	6	5	2	–	7-8	10	1500	0	1
	1011·3	0	S	2	r$_o$r$_o$	45	97	5	6	2	–	4-6	10	450	1	*
	1010·8	0	SW	1	ir$_o$	45	92	4	–	2	–	10	10	1500	1	1
11	1009·4	-6	SE	2	c	43	97	7	5	–	–	10	10	2500	1	1
	1008·8	-6	–	0	r$_o$r$_o$	41	97	5	–	2	–	10	10	800	1	*
12	1007·8	-14	ENE	1	d$_o$d$_o$	44	97	4	5	–	–	10	10	450	1	*
	1009·9	-6	S'W	3	dd	42	97	6	–	2	–	10	10	450	1	*
	1010·4	0	W'N	4	r$_o$r$_o$	50	97	8	5	–	–	10	10	1500	1	1
13A	1005·4	-8	W'S	4	c	49	92	7	5	7	–	9+	9+	2500	1	3
13B	1002·4	-26	S	6	r$_o$r$_o$	43	97	6	5	2	–	4-6	10	1500	1	4
15	1007·9	-16	SW	4	ir$_o$	39	85	7	5	–	–	10	10	2500	0	*
	1007·6	-10	SW	1	Z$_o$	41	75	5	–	7	–	0	9	–	1	1
	1005·9	-8	SW	3	c	43	85	8	8	7	–	7-8	9	1500	1	2
16	1005·9	+2	WSW	3	c/pr	42	85	8	8	7	–	4-6	7-8	1500	1	*
17	1013·4	+10	SW	5	Dr	51	92	6	6	–	–	10	10	450	1	3
18	1008·7	+10	SW	4	DD	49	97	6	9	–	–	9+	9+	1500	1	3
	1010·9	+10	WSW	5	c	51	97	8	5	–	–	10	10	800	1	*
19	1015·1	+6	WSW	1	ir$_o$	51	92	7	5	–	–	10	10	2500	1	*
20	1020·2	+6	WSW	5	c	52	92	6	5	–	–	10	10	800	1	2
	1019·7	+12	WNW	3	c	52	85	8	5	–	9	4-6	7-8	1500	1	3

PAST 24 HOURS.

District	State of Ground. 0–9 (29)	Sun. 0–9 * (30)	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 21st Hrs. (36)
1	1	*	55	45	44	Tr	2	10·2
	1	*	55	45	43	Tr	2	9·7
	1	*	58	45	44	Tr	0·2	8·7
	1	*	53	45	44	–	1	11·4
	2	5/8	56	48	46	–	1	12·0
	1	*	53	43	41	Tr	2	9·9
	1	*	54	43	36	0·1	0·2	10·2
	1	*	56	45	36	0·1	0·2	9·4
	1	*	54·	43	43	Tr	Tr	8·4
	1	2	53	44	43	1	0·1	11·2
	1	*	55	45	41	Tr	1	9·7
	1	*	54	44	42	–	1	10·0
	1	*	52	43	42	–	2	9·5
	1	*	55	44	43	Tr	1	*
	1	*	55	47	46	–	–	10·2
	1	3	53	47	*	–	1	*
	1	1	53	49	48	Tr	0·1	5·8
	1	3	53	49	*	–	Tr	*
	1	3	56	50	*	–	0·1	7·3
	1	4	54	49	46	–	0·3	7·7
	1	4	50	46	*	Tr	0·1	5·0
	1	2	52	46	45	1	2	6·7
	1	*	53	46	45	Tr	1	9·5
	1	*	51	44	44	0·2	4	8·1
	0	1	51	44	*	0·1	–	10·1
	1	*	53	44	41	–	1	11·5
	1	1	53	44	40	3	Tr	9·3
	1	1	49	40	38	–	3	12·2
	1	*	55	35	28	Tr	1	12·6
	1	*	53	43	41	1	3	7·0
	1	*	50	40	39	0·3	3	4·3
	1	1	54	43	*	0·1	3	7·3
	1	3	51	43	41	3	5	7·3
	1	4	51	39	*	1	1	8·6
	1	*	49	33	28	2	1	9·7
	1	*	55	34	26	0·1	–	9·9
	1	2	53	35	*	–	–	*
	1	*	48	40	*	–	1	13·1
	1	3	51	40	*	6	0·5	*
	1	3	49	45	*	0·3	3	3·4
	1	*	51	43	43	1	1	3·7
	1	*	51	50	49	2	1	2·8
	1	2	53	51	50	0·4	Tr	0·0
	1	3	52	50	*	0·2	0·1	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	bc r$_o$ pr$_o$	c pr$_o$ bc c	cr$_o$ r$_o$ cm$_o$	55	45	44	Tr	2	10·2	*	*	6
Croydon	217	v bc y pr$_o$	c y pr$_o$ bc	bc y c p d d$_o$	55	45	43	Tr	2	9·7	*	*	6
Greenwich (Royal Observatory)	149	cy	cy	cr$_o$ r r d m$_o$	57	44	43	Tr	2	9·1	41	92	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	9·5	*	*	*
Westminster (St. James' Park)	27	*	*	*	58	45	45	–	2	11·1	43	94	*
Regents Pk. (Botanic Gardens)†	166	*	*	*	56	45	44	–	2	11·2	61	97	*
Camden Square	110	bc	bc c bc	*	57	45	45	–	2	*	*	92	*
Kensington	80	bc p	bc	*	57	45	43	0·1	2·0	10·7	At 18h. 65	93	*
Hampstead Observatory	450	bc p	bc p	bc o r	55	42	40	–	2·3	10·9	*	99	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
Defective record			

Kew Observatory.

Max.	Time.	Min.	Time.
0·1	19h 21st	0·1	0·6h 22nd

FOREIGN OBSERVATIONS

Stations	18h. G.M.T. April 21st. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. April 22nd. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1019·5	WNW	4	bc	52	1020·2	SW	3	ir$_o$	48
Brussels	1016·1	WNW	3	c	48	1017·5	SW	3	ir$_o$	45
Berlin	1007·5	W	3	jp	50	1015·0	WSW	4	c	43
Zürich	1018·3	WSW	3	c	43	1022·7	WNW	1	c	41
Rome	1008·5	W	2	Z$_o$	59	1011·9	NNW	3	b	54

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
55	48	Tr	0·6
52	41	4	0·3
52	41	5	–
55	*	3	–
*	*	–	–

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

METEOROLOGICAL OFFICE, AIR MINISTRY, ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 23rd April, 1937.
No. 27546

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

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)	1017·1	+2	WSW	4	c	58	75	7	5	4	7	7-8	9+	1500
	Croydon ...	1016·8	+4	W'N	4	c	55	75	7	5	–	–	9+	9+	1500
	S. Farnborough	1017·6	+4	W	4	c	60	65	7	5	–	–	10	10	2500
	Boscombe Down	1018·5	+4	W'N	5	c	57	75	7	5	1	1	4-6	7-8	800
	Calshot (Sthmtn.)	1018·8	+6	W	5	c	58	65	7	8	7	–	7-8	9+	1500
	Lympne ...	1016·9	+4	W'N	3	c	58	85	7	5	–	–	9+	9+	1500
	Manston ...	1016·0	+6	W'N	4	2_o	57	85	5	5	2	–	7-8	10	1500
2	Shoeburyness ...	1016·0	+6	W	4	c	55	75	6	89	7	–	7-8	9+	1500
	Felixstowe ...	1015·5	+6	W	3	c/pr	55	85	6	5	2	–	7-8	10	800
	Gorleston ...	1014·3	0	SW'W	2	o/d	52	92	5	6	–	–	10	10	1500
	Mildenhall ...	1014·8	+6	W	4	2_o	56	85	6	5	2	–	7-8	10	1500
	Cranwell ...	1013·9	+2	W's	4	c	56	85	7	5	–	–	10	10	1500
3	Birmingham ...	1016·4	+8	W	4	c	54	75	8	5	–	–	10	10	1500
4	Upper Heyford	1016·7	+2	W'N	5	c	53	75	8	5	7	8	4-6	7-8	1500
	Ross-on-Wye	1017·4	+6	W's	4	c	57	75	9	5	–	–	10	10	2500
5	Portland Bill ...	1020·1	+14	WNW	4	o	52	85	7	5	–	–	10	10	1500
	Plymouth ...	1021·8	+4	WNW	4	c	56	75	8	5	–	–	9+	9+	1500
	The Lizard ...	1023·5	+6	W's	5	c	51	97	7	5	–	–	10	10	1500
	Scilly (St. Mary's)	1023·9	+4	W	5	c	55	85	7	5	6	–	4-6	7-8	2500
	Guernsey ...	1022·2	+4	NW'W	5	c	56	86	6	5	1	–	7-8	9+	2500
6	Pembroke ...	1018·6	+4	W	5	q	51	85	6	5	7	–	4-6	9	4000
7	Holyhead ...	1015·6	+6	WSW	3	c	51	85	8	5	–	–	10	10	2500
8	Chester (Sealand)	1014·7	+10	W's	5	c	53	65	7	5	–	–	9+	9+	2500
	Manchester ...	1014·4	+6	W	6	c	55	85	7	5	–	–	10	10	1500
10	Spurn Head ...	1011·9	–6	W	4	2_o	54	92	5	5	1	–	7-8	10	800
	Catterick ...	1010·8	+2	W's	5	c	56	75	6	8	7	–	7-8	9+	2500
	Tynemouth ...	1009·0	–4	W	4	bc	55	85	7	2	–	–	4-6	4-6	1500
11	Inchkeith ...	1006·1	–6	SW	6	c	51	85	7	5	–	–	9+	9+	2500
12	Leuchars ...	1006·0	–2	WNW	4	bc	58	65	8	7	–	1	4-6	4-6	4000
	Rentrew (Abbots I.)	1008·5	+14	W	6	pr	54	75	8	8	–	–	9+	9+	1500
	Eskdalemuir ...	1005·1	+2	W	5	c	53	65	8	5	–	–	7-8	7-8	2500
	Point of Ayre ...	1012·6	+6	W	4	pr	52	97	7	5	–	–	10	10	1500
13A	Tiree	1009·3	+24	WNW	4	c/d	50	92	7	5	7	–	4-6	7-8	1500
13B	Stornoway ...	1003·8	+20	W	6	c/pr	52	75	8	5	7	–	7-8	9+	2500
15	Dalwhinnie ...	1007·2	+10	SW	6	ig	49	65	8	4	6	–	4-6	9+	2500
	Aberdeen ...	1004·4	–6	W	4	bc/p	58	55	8	8	–	–	4-6	4-6	2500
16	Wick ...	1003·3	–8	SSE	3	pr	46	97	8	8	7	–	7-8	9+	1500
	Lerwick ...	1006·6	+6	WSW	3	c/pr	45	85	8	8	4	2	2-3	7-8	1500
17	Blacksod Point	1016·1	+12	W	5	c	54	92	7	9	–	–	10	10	450
18	Malin Head ...	1011·6	+20	W	4	c	51	97	7	8	2	–	7-8	10	1500
	Aldergrove ...	1012·3	+4	W	5	bc	53	65	7	5	–	–	4-6	4-6	2500
19	Birr Castle ...	1017·2	+8	WSW	2	c/r	55	92	7	5	2	–	4-6	10	2500
20	Valentia Obsy. †	1022·5	+14	W's	5	2_o	53	92	6	5	–	–	10	10	450
	Roches Point	1020·4	+4	WNW	4	bc	58	75	8	3	–	5	4-6	4-6	1500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°F Temp. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1017·5	+2	WSW	3	c	53	75	7	5	3	9	7-8	9+	2500	1	*
	Croydon ...	1017·1	+4	W'N	4	z_o	56	75	6	7	4	1	7-8	9	2500	1	*
	S. Farnborough	1017·5	+4	W	4	c	53	75	7	7	3	2	4-6	9	4000	1	*
	Boscombe Down	1018·8	0	W'N	5	c	54	85	8	5	–	1	7-8	9	2500	1	*
	Calshot (Sthmtn.)	1019·0	+2	W	4	c	53	65	7	2	5	2	4-6	7-8	1500	1	3
	Lympne ...	1017·3	+6	W	3	bc	57	75	6	5	4	9	4-6	4-6	4000	1	2
	Manston ...	1016·4	+4	W'N	4	c	58	75	6	5	7	–	4-6	9+	2500	1	*
2	Shoeburyness ...	1016·3	+6	WSW	2	c	56	75	6	8	7	–	4-6	7-8	2500	1	*
	Felixstowe ...	1015·6	0	W	3	c	58	75	7	5	3	–	7-8	10	1500	1	2
	Gorleston ...	1014·0	+2	W's	3	c	57	85	6	8	–	–	9	9	2500	1	2
	Mildenhall ...	1015·2	+4	W	3	c	57	75	7	5	–	–	10	10	2500	1	*
	Cranwell ...	1014·3	+4	WSW	4	c	55	85	7	8	4	5	7-8	7-8	2500	1	*
3	Birmingham ...	1016·9	0	W	3	r_o	53	85	6	6	2	–	9	10	1500	1	*
4	Upper Heyford	1017·6	+8	W's	3	ir_o	55	85	6	5	1	–	7-8	9+	1500	1	*
	Ross-on-Wye	1017·7	+4	W's	4	c	57	75	8	5	–	–	9+	9+	2500	1	*
5	Portland Bill ...	1020·8	+10	WNW	4	c	52	75	8	4	–	–	7-8	7-8	2500	1	3
	Plymouth ...	1022·2	+6	WNW	4	c	54	85	7	5	–	–	10	10	1500	1	1
	The Lizard ...	1023·8	+2	W'N	4	c	50	97	7	5	–	–	10	10	1500	1	3
	Scilly (St. Mary's)	1024·2	+2	WNW	5	c	52	92	7	5	–	–	10	10	2500	1	3
	Guernsey ...	1022·5	+4	WNW	4	c	52	92	6	5	1	–	4-6	9	2500	1	4
6	Pembroke ...	1020·1	0	WNW	4	q	50	92	7	5	7	1	4-6	4-6	2500	1	3
7	Holyhead ...	1016·0	+6	W	5	bc	57	85	8	2	4	9	Tr	4-6	2500	1	3
8	Chester (Sealand)	1014·3	+2	W's	5	bc	53	65	7	7	–	9	2-3	4-6	2500	1	*
	Manchester ...	1014·7	+2	W'N	6	z_o	55	85	6	5	4	–	7-8	9	2500	1	*
10	Spurn Head ...	1012·5	+2	W'N	5	bc	53	85	6	–	3	9	0	4-6	–	0	3
	Catterick ...	1011·9	+6	NW'W	3	c	56	65	8	8	6	–	7-8	7-8	2500	1	*
	Tynemouth ...	1010·1	+12	W	5	bc	56	55	7	2	6	–	2-3	4-6	1500	1	2
11	Inchkeith ...	1009·6	+16	WSW	6	c	50	85	8	8	–	–	7-8	7-8	4000	0	4
12	Leuchars ...	1008·7	+20	W	5	c	55	55	8	7	–	1	7-8	7-8	2500	1	*
	Rentrew (Abbots I.)	1011·4	+22	W	5	pr	50	85	8	8	–	–	9	9	2500	1	*
	Eskdalemuir ...	1012·1	+26	S'W	2	c	51	65	8	5	–	–	9	9	1500	1	*
	Point of Ayre ...	1014·1	+14	NWN	4	c	51	92	8	–	6	–	0	7-8	–	1	2
13A	Tiree	1011·8	+18	W'N	5	c	48	85	7	5	7	–	4-6	7-8	800	1	3
13B	Stornoway ...	1007·7	+22	W	6	c	51	85	8	5	7	–	7-8	9	2500	1	3
15	Dalwhinnie ...	1010·0	+12	W	5	c	46	75	7	4	6	–	4-6	7-8	2500	0	*
	Aberdeen ...	1007·7	+24	WNW	3	c/pr	52	75	7	9	–	–	7-8	7-8	1500	1	2
16	Wick ...	1005·5	+20	NW	4	c	51	85	8	8	6	–	7-8	9	1500	1	2
	Lerwick ...	1007·9	+12	WSW	2	bc	46	86	8	8	7	–	2-3	4-6	2500	0	*
17	Blacksod Point	1018·6	+20	W	5	c	52	85	7	9	–	–	10	10	800	1	3
18	Malin Head ...	1014·6	+18	W	4	c/d	48	97	7	8	–	–	7-8	7-8	2500	1	3
	Aldergrove ...	1015·0	+14	W	4	c	52	75	8	7	–	–	7-8	7-8	1500	1	*
19	Birr Castle ...	1018·8	+12	WNW	2	c	54	85	7	5	2	–	4-6	10	2500	1	*
20	Valentia Obsy. †	1023·3	+6	W's	3	c	53	85	8	5	–	–	10	10	1500	1	3
	Roches Point	1021·9	+8	NW	3	bc	56	85	8	5	5	5	2-3	4-6	2500	1	2

PAST 24 HOURS.

Weather. 7h.–13h. ...22nd (37)	13h.–18h. ...22nd. (38)	18h. 22nd to 1h. ...23rd (39)	1h.–7h. ...23rd (40)
cm,c	c	cbcb	bcc
cidc	cbcz$_o$	cz$_o$bm,w	bm,wc
oid,mc	c	cbcbw	bwb
c	c	cbc	bcwbm$_o$
c	c	cbc	bcbw
omd,c	ccz$_o$	bcz,cw,bw	bbcmm,w
d,dpm$_o$	cm$_o$	cm$_o$	cwb
ir$_o$cm$_o$	m,c	cbcm$_o$	bcw
fddpr$_o$c	cm,c	c,bc	bcc
oir$_o$d$_o$	oc	cpr$_o$c	c
cgir$_o$d,c	cz$_o$c	cbc	bcc
cm,idc	cid$_o$bc	cbcm$_o$	bcm$_o$c
c	co$_o$	cbc	bc
cdc	cir$_o$m$_o$	r$_o$d$_o$bcb	bcw
c	c	cbc	bbc
o	oc	c	cbc
c	c	co	oc
cz$_o$	c	cq	c
cbcc	c	c	cbcc
oid,c	cbcc	co	o
cqm,c	cqm,febc	cq	c
c	cpr$_o$bc	bc	bcc
cr$_o$m$_o$	cbccbc	bc	bc
cddr$_o$dbcc	cd$_o$bccm$_o$	cbc	bccm$_o$
crfm$_o$	m$_o$c	cbcc	cq
r$_o$d,mm,c	cyc	bcbq	bcq
cirmbc	bcq	bc	bc
czc	c	cbc	bc
cpr$_o$,bc	bcq	bcqc	cbcc
d,bccpr	cpr$_o$	cir$_o$	cir$_o$c
oddc	cbcc	cpr$_o$c	c
r$_o$r$_o$	pr$_o$c	cbcc	cbcc
cid$_o$	cid	cprd	circ
cprpr	c	c	c
cir	cir$_o$	*	cir$_o$
r$_o$pr$_o$	beycpr	cpr$_o$c	ccd$_o$c
crrpr	cprc	c	cbc
cprpr$_o$	cbc	bc	bcpr$_o$
id	c	id	df
c	c	cpr$_o$	of$_s$f$_g$
cdm,bc	bcc	cbcc	c
cir$_o$	cir$_o$c	c	c
cm$_o$	cm$_o$c	c	cm$_o$f
cbc	bc	bcc	cffcc

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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 . . Ground dry.
1 . . ,, wet.
2 . . ,, flooded.
3 . . ,, frozen hard and dry.
4 . . ,, partly covered with snow or hail.
5 . . ,, covered with ice or glazed frost.
6 . . Ground covered with thawing snow.
7 . . ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 . . ,, covered with snow, less than 6 ins., but ground frozen.
9 . . ,, covered with snow greater than 6 ins. deep.

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

† Sea disturbance reported from Dungeness.

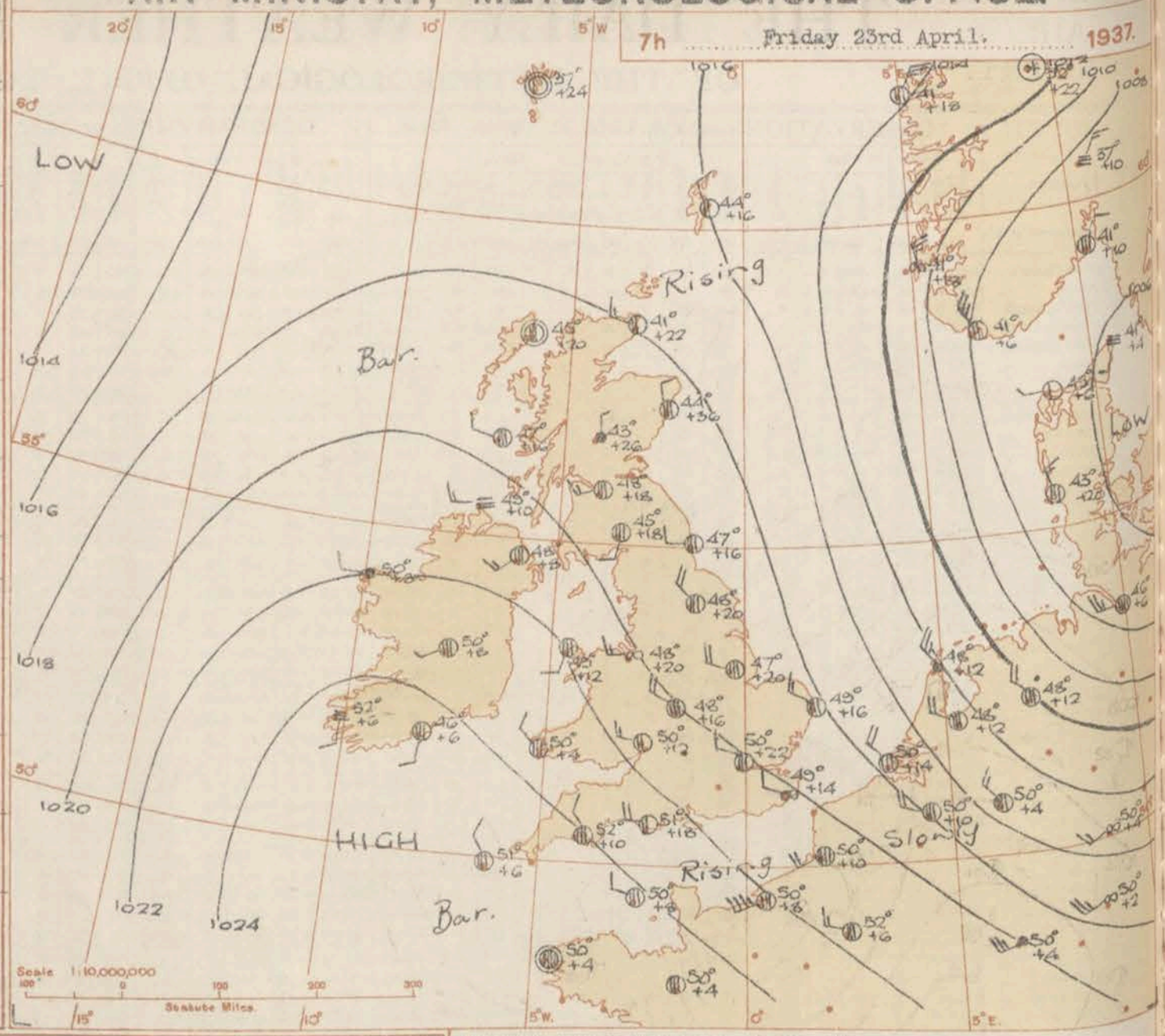
REPORTS from HEALTH RESORTS for April 22nd 1937

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (F°). Min. 9h. 21st to 9h. 22nd	Temperature (F°). Max. 9h.–17h. ...22nd	Rainfall (mm). Night. 17h. 21st to 9h. 22nd	Rainfall (mm). Day. 9h.–17h. ...22nd	Sunshine (hrs). Sunrise to 17h. ...22nd	Sunshine (hrs). Sunrise to Sunset. ...21st.
1	Tunbridge W.	o	cbcc	44	60	2	–	1·7	9·8
	Bournemouth	co	obc	48	60	–	–	0·4	10·2
	Ventnor ...	roc	bc	47	55	1	–	3·2	11·6
	Southsea ...	o	ocbc	48	61	0·6	–	1·7	12·0
	Bognor Regis	oc	cbc	48	60	Trace	–	0·2	9·7
	Littlehampton	oc	cbc	48	60	1	–	1·0	10·9
	Worthing ...	c	cbc	48	61	2	–	0·7	9·9
	Brighton ...	c	cbcb	48	60	2	–	0·5	6·4
	Eastbourne† ...	o	cbccbc	48	58	3	–	1·9	8·8
	Hastings† ...	oc	cbcc	46	61	3	–	0·3	10·4
	Folkestone ...	odco	cc	48	61	2	–	0·1	8·6
	Dover ...	c	coc	45	62	1	–	0·3	8·9
	Deal	od	do	45	61	Trace	Trace	0·0	9·4
	Ramsgate ...	oc	c	45	60	1	Trace	0·3	9·5
	Margate ...	od	c	45	58	0·5	Trace	0·5	10·1
2	Southend ...	cmo	of	45	61	0·3	–	0·2	9·6
	Maldon ...	pod	cbc	44	61	0·3	Trace	0·6	8·0
	Clacton-on-Sea	odc	c	45	60	0·3	Trace	0·3	9·6
	Dovercourt ...	bcmoc	rocbc	46	59	0·2	0·5	0·1	8·4
	Lowestoft ...	oidf	c	41	56	0·2	0·1	–	9·5
	Skegness ...	mfoc	coc	44	58	0·3	0·3	–	11·3
	Mablethorpe...	om	ocbcco	43	59	Trace	0·3	0·5	11·7
	Cleethorpes ...	oir	bcc	44	60	0·5	0·5	1·4	11·2
3	Leamington S.	o	oc	45	60	0·6	–	0·4	8·6
4	Cheltenham†	o	coc	46	58	Trace	–	0·2	10·5
5	Bath	c	cbc	46	57	1	–	0·4	10·3
	Weymouth ...	c	cb	49	58	0·5	–	1·7	8·4
	Jersey ...	cbc	bc	48	55	0·1	–	3·3	7·5
	Torquay ...	oc	bcoc	46	61	Trace	–	2·2	7·3
	Penzance ...	c	c	50	57	0·3	–	2·4	5·5
	St. Ives ...	c	c	48	54	–	–	1·3	5·6
	Bude... ...	cmbc	bcc	46	55	0·5	–	1·6	6·7
	Ilfracombe ...	pocbc	bcco	47	56	1	–	3·3	7·2
6	Aberystwyth	proc	c	46	51	5	–	0·1	7·5
7	Llandudno ...	c	cbcb	46	57	3	–	1·6	6·5
	Colwyn Bay...	c	cbc	46	59	3	–	1·9	8·3
	Rhyl	roc	cbc	46	59	3	–	3·8	7·9
8	Wallasey ...	cbc	bocbc	45	57	3	–	2·2	8·6
	Southport ...	droc	cbcc	45	56	4	–	2·3	8·7
	Blackpool ...	oc	cpbc	45	53	3	Trace	1·5	8·9
	Morecambe ...	cbcc	cbbc	44	53	3	–	2·3	6·5
9	Ilkley... ...	obg	op	43	56	1	1	0·6	10·7
	Harrogate ...	roc	cbc	43	59	0·2	Trace	1·1	8·0
10	Berwick-on-T.	c	cbc	39	55	2	–	4·3	11·6
11	Dunbar ...	cro	bc	37	57	2	–	4·9	13·2
12	Troon... ...	cbc	bcbc	45	54	3	–	4·5	5·4
	Douglas ...	cid	cbbc	43	58	4	Trace	3·8	7·2

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Friday 23rd April. ..... 1937.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 23rd April, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Moderate to light northwest to west winds; fair; rather mild.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Light westerly winds; mainly fair; rather mild.
10 N.E. England 11 S.E. Scotland	Light northwest winds; fair; rather mild.
12 S.W. Scotland & Isle of Man. 13 { A. W. Scotld. B.N.W.Scotland. } 14 Mid Scotland	Light west winds; local drizzle at first, fair later; rather mild.
15 N. E. Scotland 16 Orkney and Shetland	Light north winds; fair; average temperature.
17 N. W. Ireland	As 12 - 14.
18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Light south winds; fair; local coast fog; rather mild.

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

Barometer. Isobars are drawn for intervals of two millibars.
Wind, Weather Symbols. For explanation see opposite page.
Sea Disturbance. Rough. High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A depression over Denmark is moving away east and an anticyclone to the southwest is spreading northeast. Weather will be fair in the eastern and southern counties but cloudier in the Northwest with local drizzle at first.

FURTHER OUTLOOK.

Fair in most districts.

Forecasts issued at 1030 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

Morning of

FRIDAY
23RD APRIL.

1937.

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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 23rd April, 1937.
No. 27546

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

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	1018·5	+4	W'S	4	Z_o	50	92	6	–	–	6	0	2-3	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	348	1018·8	+2	W'S	3	bc	50	92	8	–	1	–	0	2-3	–
	Manston ...	142	1017·9	+6	W	3	Z_o	51	85	6	–	–	1	0	1	–
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	0	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1015·6	+6	W	3	c	51	92	6	4	–	–	7-8	7-8	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1021·8	+4	W	4	c	50	85	8	4	4	–	4-6	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1025·0	+8	WNW	3	c	50	92	7	8	–	–	10	10	1500
	Scilly (St. Mary's)	163	1025·3	+7	WNW	4	c	51	92	7	5	–	–	10	10	2500
	Guernsey ...	175	1023·9	+4	WNW	3	o	50	97	7	5	–	–	10	10	2500
6	Pembroke ...	142	1021·4	+6	WNW	4	q	50	92	7	5	2	–	7-8	9+	2500
7	Holyhead ...	26	1020·1	+14	NW'W	4	bc	48	85	8	5	–	–	2-3	2-3	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1014·9	+16	W'N	4	bc	46	92	7	5	7	–	4-6	4-6	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1014·2	+12	W	2	bc	47	85	8	2	–	–	2-3	2-3	1500
11	Inchkeith ...	190	1013·9	+16	SW	5	bc	45	92	7	5	3	–	2-3	4-6	2500
	Leuchars ...	26	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1019·1	+20	NW'N	3	c	47	92	8	5	–	–	9	9	4000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1015·1	+20	WNW	2	c	44	92	7	5	7	–	7-8	9+	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1012·0	+28	N	3	c	42	97	8	5	7	–	7-8	10	800
16	Lerwick ...	156	1012·6	+22	N	1	bc	40	97	8	4	–	–	2-3	2-3	2500
17	Blacksod Point	18	1021·6	+6	W	3	id	50	97	5	6	–	–	10	10	450
18	Malin Head ...	84	1018·4	+14	W	3	bc	46	92	7	5	8	–	Tr	2-3	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1024·2	+10	W'N	1	jf	51	97	5	5	–	–	10	10	450
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1021·1	+14	WNW	3	c	51	75	7	5	–	–	9	9	1500	1	*
	Croydon ...	1021·3	+22	NW'W	2	c	50	85	6	6	–	–	4-6	9	1500	1	*
	S. Farnborough	1021·3	+10	WNW	3	bc	52	85	8	1	–	4	2-3	2-3	1500	1	*
	Boscombe Down	1021·8	+10	WNW	3	Z_o	49	92	6	–	5	1	0	2-3	–	1	*
	Calshot (Sthmtn.)	1022·1	+14	W'S	2	b	52	85	7	–	3	–	0	1	–	1	1
	Lympne ...	1021·0	+14	W'N	2	Z_o	49	92	6	9	–	–	9	9	1500	1	1
	Manston ...	1019·8	+12	WNW	4	b	51	75	8	1	–	1	Tr	1	2500	1	*
2	Shoeburyness ...	1020·3	+34	NW	3	bc	51	75	8	2	–	5	1	4-6	2500	1	*
	Felixstowe ...	1019·9	+20	WNW	4	c	50	75	8	5	–	–	9+	9+	4000	1	2
	Gorleston ...	1017·9	+16	NW'W	3	c	49	75	6	4	–	–	9+	9+	4000	1	2
	Mildenhall ...	1019·9	+20	NW'W	4	Z_o	47	85	6	5	–	–	9+	9+	2500	1	*
	Cranwell ...	1019·9	+20	WNW	4	c	47	75	6	5	–	–	9+	9+	2500	1	*
3	Birmingham ...	1020·4	+16	NW	4	c	48	75	6	–	5	–	6	7-8	–	1	*
	Upper Heyford	1021·5	+14	NW	4	bc	49	75	8	7	4	6	1	2-3	2500	1	*
4	Ross-on-Wye	1021·4	+12	W'N	3	bc	50	75	8	4	4	2	Tr	4-6	4000	1	*
5	Portland Bill ...	1022·4	+18	W	4	bc	51	85	7	4	4	–	2-3	4-6	2500	1	3
	Plymouth ...	1024·3	+10	NW'N	2	c	52	85	8	5	3	–	9	9+	2500	1	1
	The Lizard ...	1025·0	+6	NW'W	2	c	50	92	7	8	3	1	4-6	7-8	2500	1	2
	Scilly (St. Mary's)	1025·7	+6	NW'N	2	c	51	97	7	5	2	–	4-6	9	2500	1	2
	Guernsey ...	1024·3	+8	WNW	2	o	50	97	6	5	–	–	10	10	2500	1	3
6	Pembroke ...	1022·6	+4	NW	2	c	50	92	7	8	7	–	4-6	7-8	4000	1	2
7	Holyhead ...	1022·6	+12	SSW	2	c	49	85	8	5	–	–	9+	9+	4000	1	1
	Chester (Sealand)	1021·8	+20	W	3	Z_o	48	75	6	5	7	–	4-6	4-6	4000	1	*
8	Manchester ...	1021·0	+16	W	3	Z_o	47	85	6	5	3	1	4-6	7-8	4000	1	*
10	Spurn Head ...	1018·3	+18	NW'W	5	q	46	85	7	–	7	8	0	7-8	–	0	3
	Catterick ...	1018·7	+20	NW	4	c	48	75	9	5	5	–	4-6	7-8	2500	1	*
	Tynemouth ...	1018·2	+16	W	2	jp	47	85	6	5	–	–	4-6	4-6	1500	1	1
11	Inchkeith ...	1017·9	+10	WSW	4	bc	45	97	7	5	–	–	4-6	4-6	1500	0	2
	Leuchars ...	1018·0	+24	W	2	c	48	75	9	5	4	–	9	9	4000	1	*
12	Renfrew (Abbots I.)	1019·1	+18	W'S	3	c	48	85	8	5	3	3	7-8	9	1500	1	*
	Eskdalemuir ...	1019·6	+18	S'W	2	c	45	85	8	5	9	8	4-6	7-8	800	1	*
	Point of Ayre ...	1021·0	+10	WNW	4	c	47	97	8	5	4	–	Tr	7-8	1500	1	2
13A	Tiree	1019·2	+16	W'N	2	c	47	92	7	5	7	–	7-8	9+	1500	1	2
13B	Stornoway ...	1018·7	+20	NW	4	c	48	85	8	5	7	–	7-8	9+	4000	1	2
15	Dalwhinnie ...	1019·2	+26	N	1	ir	43	85	7	4	2	–	4-6	10	2500	1	*
	Aberdeen ...	1018·2	+36	NNW	2	c	44	85	8	5	–	–	9	9	1500	1	1
	Wick ...	1017·9	+22	WNW	3	bc	41	97	8	5	7	–	1	2-3	2500	1	1
16	Lerwick ...	1016·0	+16	NNW	2	bc	44	85	8	4	–	–	2-3	2-3	2500	1	*
17	Blacksod Point	1021·9	+8	W	2	dm	50	97	4	6	–	–	10	10	4150	1	2
18	Malin Head ...	1020·4	+10	W	3	cf	49	97	2	8	–	–	10	10	800	0	2
	Aldergrove ...	1021·0	+8	SW'W	3	c	48	85	7	5	–	–	9+	9+	1500	1	*
19	Birr Castle ...	1022·7	+8	WSW	1	c	50	97	8	5	–	–	10	10	2500	1	*
20	Valentia Obsy. †	1024·4	+6	S	2	cf	52	97	3	5	–	–	10	10	4150	1	3
	Roches Point	1025·2	+6	S	2	cf	46	97	7	5	–	–	7-8	7-8	2500	1	2

PAST 24 HOURS.

District	Stations	Temperatures. Max. Day 7h–18h °F. (31)	Temperatures. Min. Night 18h–7h °F (32)	Temperatures. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine .22nds Hrs. (36)
1	London (Kew)	61	48	43	–	–	1·3
	Croydon ...	60	49	45	0·1	Tr	1·1
	S. Farnborough	62	47	39	Tr	Tr	1·1
	Boscombe Down	57	46	43	–	Tr	2·0
	Calshot (Sthmtn.)	60	47	42	–	–	1·9
	Lympne ...	60	45	41	0·1	Tr	0·3
	Manston ...	60	48	45	0·3	Tr	1·0
2	Shoeburyness ...	62	49	40	0·1	–	0·4
	Felixstowe ...	59	49	45	0·4	–	0·4
	Gorleston ...	57	47	44	0·3	Tr	0·0
	Mildenhall ...	59	46	42	0·2	–	0·1
	Cranwell ...	60	44	39	Tr	–	0·7
3	Birmingham ...	58	46	42	Tr	–	1·1
	Upper Heyford	60	47	43	Tr	0·1	*
4	Ross-on-Wye	60	48	40	–	–	0·2
5	Portland Bill ...	53	48	*	–	–	*
	Plymouth ...	57	51	49	–	–	1·7
	The Lizard ...	53	48	*	–	–	*
	Scilly (St. Mary's)	55	49	*	–	–	3·2
	Guernsey ...	56	49	48	Tr	–	3·0
6	Pembroke ...	52	47	*	Tr	–	3·6
7	Holyhead ...	58	46	42	Tr	–	3·5
	Chester (Sealand)	61	47	43	0·2	–	3·8
8	Manchester ...	58	45	40	1	–	2·3
10	Spurn Head ...	54	44	*	1	–	0·7
	Catterick ...	61	45	41	0·2	–	3·9
	Tynemouth ...	59	46	41	1	–	4·1
11	Inchkeith ...	53	43	42	–	–	4·2
	Leuchars ...	59	42	36	0·4	–	6·9
12	Renfrew (Abbots I.)	56	45	43	0·2	0·3	3·0
	Eskdalemuir ...	56	43	41	1	Tr	5·2
	Point of Ayre ...	59	46	*	1	–	3·3
13A	Tiree	52	45	43	0·2	0·2	2·5
13B	Stornoway ...	54	43	*	0·6	Tr	3·5
15	Dalwhinnie ...	51	42	37	0·3	Tr	4·4
	Aberdeen ...	60	43	42	1	0·1	5·4
	Wick ...	52	37	*	2	1	*
16	Lerwick ...	47	40	*	0·4	Tr	6·0
17	Blacksod Point	54	47	*	0·4	Tr	*
18	Malin Head ...	51	46	*	Tr	–	0·1
	Aldergrove ...	60	45	44	Tr	–	4·9
19	Birr Castle ...	55	50	49	0·1	–	0·0
20	Valentia Obsy. †	53	51	50	Tr	Tr	0·0
	Roches Point	59	43	*	–	0·1	*

LONDON OBSERVATIONS

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

Stations	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	cm,c	c	cbcb	61	48	43	–	–	1·3	*	*	7
Croydon	217	cid,c	cbcz,	czbm	60	49	45	0·1	Tr	1·1	*	*	7
Greenwich (Royal Observatory) ...	149	d,c	c	cbcy	61	47	39	Tr	–	0·2	69	58	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·6	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	62	47	40	–	–	0·9	70	63	*
Regents Pk. (Botanic Gardens)† ...	168	*	*	*	61	46	43	Tr	Tr	1·0	64	69	*
Camden Square	110	c	cbc	*	62	48	40	–	Tr	*	At 18h. 59	62	*
Kensington	80	cobcco	co	*	61	48	37	Tr	–	1·0	67	62	*
Hampstead Observatory	440	od	bc	cbc	60	45	37	Tr	–	1·2	*	69	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·3	10–12h 22nd	0·05	1–3h 23rd

Kew Observatory. Max.	Time.	Min.	Time.
0·1	20h 22nd	0·1	3h 23rd

FOREIGN OBSERVATIONS.

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

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1020·3	WNW	5	c	55
Brussels	1016·2	WSW	2	f	52
Berlin	1015·5	SW	3	bc	50
Zürich	1021·2	WSW	4	r,r	43
Rome	1014·6	WNW	4	bc	*

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

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1021·8	WNW	3	c	52
1018·0	WNW	4	c	50
1007·6	SW'S	3	rr	43
1020·8	W	5	o	45

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
55	52	1	–
52	50	2	1
57	39	0·4	1
46	41	1	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 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

METEOROLOGICAL OFFICE, AIR MINISTRY, ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Saturday 24th April, 1937.
No. 27547

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	%Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1022·2	+2	NW	3	bc	58	55	7	1	4	–	4·6	4·6	2500
	Croydon ...	1022·0	+6	NW'N	3	bc	57	55	7	1	–	–	4·6	4·6	4000
	S. Farnborough	1022·4	+2	NW	3	bc	62	45	7	1	–	–	2·3	2·3	4000
	Boscombe Down	1022·3	0	N'W	4	bc	59	65	8	1	–	1	4·6	4·6	4000
	Calshot (Sthmtn.)	1022·4	0	NW	3	bc	61	58	8	7	–	1	2·3	2·3	4000
	Lympne ...	1022·3	+10	N'W	3	c	54	65	7	8	–	–	7·8	7·8	2500
	Manston ...	1021·8	+6	WNW	4	c	53	65	7	5	–	–	9+	9+	2500
2	Shoeburyness ...	1022·1	+4	NW	3	c	55	65	8	5	6	–	9	9+	2500
	Felixstowe ...	1021·2	+2	WNW	3	c	55	65	8	5	3	–	9+	9+	2500
	Gorleston ...	1020·6	+14	NW'N	4	c	52	65	6	8	3	–	4·6	9+	2500
	Mildenhall ...	1021·6	+6	NW'N	4	c	55	55	7	7	–	–	9+	9+	4000
	Cranwell ...	1021·9	+8	NNW	3	c	55	65	7	8	4	–	7·8	7·8	4000
3	Birmingham ...	1022·8	+6	NNW	4	bc	56	65	7	5	–	1	4·6	4·6	4000
	Upper Heyford	1022·6	+2	NW'N	4	2_o	58	55	6	1	–	8	1	1	4000
4	Ross-on-Wye	1022·4	+6	NW	3	c	60	65	8	7	–	1	7·8	7·8	4000
5	Portland Bill ...	1023·2	+4	NW	3	bc	57	75	7	4	–	–	2·3	2·3	2500
	Plymouth ...	1024·2	−2	WNW	3	bc	53	75	7	7	–	1	2·3	2·3	2500
	The Lizard ...	1025·4	0	W'S	2	bc	56	82	8	8	–	–	4·6	4·6	2500
	Scilly (St.Mary's)	1026·2	−2	NNW	1	c	53	85	7	6	–	–	10	10	2500
	Guernsey ...	1024·2	−8	NW	3	bc	56	75	8	1	–	–	2·3	2·3	2500
6	Pembroke ...	1024·0	+4	NW	3	bc	53	85	7	5	6	1	2·3	4·6	4000
7	Holyhead ...	1023·5	+2	NW'N	1	bc	57	75	8	7	–	–	4·6	4·6	4000
	Chester(Sealand)	1023·0	+2	WNW	6	bc	56	75	8	7	–	–	4·6	4·6	2500
8	Manchester ...	1022·9	+6	NW	4	c	54	65	8	7	3	–	4·6	7·8	4000
10	Spurn Head ...	1021·0	+18	N'E	4	c	51	75	7	6	7	–	4·6	9	1500
	Catterick ...	1021·2	+10	NW'N	3	c	57	55	7	7	3	–	7·8	7·8	4000
	Tynemouth ...	1021·3	+16	N	2	bc	45	75	7	2	6	–	4·6	4·6	1500
11	Inchkeith ...	1020·6	+6	WSW	3	c	53	75	8	8	–	–	9+	9+	4000
12	Leuchars ...	1020·7	+8	E	3	bc	53	65	5	7	3	1	4·6	4·6	4000
	Rentrew (Abbots I.)	1021·4	+10	W	3	c	54	75	8	5	5	–	7·8	9	1500
	Eskdalemuir ...	1020·9	+8	WNW	2	c	53	65	8	5	3	–	4·6	7·8	2500
	Point of Ayre...	1022·8	+6	WNW	2	c	53	52	8	5	1	–	9	10	800
13A	Tiree	1020·8	+6	SE'S	2	$d_o d_o$	47	97	5	5	–	–	10	10	220
13B	Stornoway ...	1021·1	+6	SSE	2	c	48	85	9	5	7	–	4·6	9	2500
15	Dalwhinnie ...	1020·8	+8	S	2	c	52	65	8	4	1	–	4·6	9+	2500
	Aberdeen ...	1021·1	+12	ESE	3	bc	48	65	8	1	–	–	4·6	4·6	4000
	Wick ...	1020·9	+16	NW	3	bc	50	75	8	7	–	–	4·6	4·6	1500
16	Lerwick ...	1019·3	+18	NE	2	bc	48	75	8	7	–	–	4·6	4·6	1500
17	Blacksod Point	1023·7	+10	W	2	c	55	85	7	5	–	–	10	10	800
18	Malin Head ...	1021·5	+12	W	3	c	50	97	6	5	–	–	9+	9+	800
	Aldergrove ...	1022·7	+4	SW'W	3	c	56	85	8	5	3	–	4·6	9	1500
19	Birr Castle ...	1023·7	+4	WSW	1	c	59	75	8	5	1	–	7·8	10	2500
20	Valentia Obsy. †	1024·9	−4	S	3	c	60	85	8	5	–	–	9+	9+	1500
	Roches Point	1024·7	−4	SE	3	cf	50	97	3	5	–	–	9	9	<150

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

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)	1022·2	+2	NNW	2	2_o	60	55	6	8	–	–	9+	9+	4000	1	*
	Croydon ...	1021·6	+2	N'W	2	2_o	60	55	6	4	6	–	4·6	7·8	4000	1	*
	S. Farnborough	1022·1	+2	NW	2	c	61	65	7	5	–	1	7·8	7·8	4000	1	*
	Boscombe Down	1022·6	0	NNW	3	bc	55	65	8	5	–	1	4·6	4·6	2500	0	*
	Calshot (Sthmtn.)	1022·2	0	N'W	3	bc	60	65	8	7	–	1	4·6	4·6	4000	1	2
	Lympne ...	1022·5	+4	S	1	2_o	51	75	6	4	–	–	9+	9+	4000	1	§ 1 *
	Manston ...	1022·1	+6	NE	3	bc	51	75	7	5	–	–	4·6	4·6	5700	1	
2	Shoeburyness ...	1022·1	+2	–	0	c	55	75	6	8	–	–	9+	9+	4000	1	*
	Felixstowe ...	1022·2	+4	SE'S	2	c	50	85	8	5	3	–	4·6	9+	4000	1	2
	Gorleston ...	1021·3	+4	NW'N	3	c	51	75	6	5	–	–	9	9	4000	0	2
	Mildenhall ...	1022·1	+6	NE'N	3	bc	53	65	8	5	3	–	2·3	4·6	4000	0	*
	Cranwell ...	1022·5	+10	ENE	2	c	52	75	8	7	–	–	9	9	4000	1	*
3	Birmingham ...	1023·3	+4	N	3	2_o	54	75	5	5	3	–	2·3	7·8	2500	1	*
	Upper Heyford	1022·8	+6	NW'N	3	bc	57	65	7	1	–	8	1	2·3	4000	0	*
4	Ross-on-Wye	1022·3	0	ENE	2	bc	60	65	8	5	–	1	4·6	4·6	4000	1	*
5	Portland Bill ...	1022·7	−6	NW	3	c	55	85	7	4	–	–	7·8	7·8	2500	1	3
	Plymouth ...	1023·1	−6	NW	3	b	60	75	9	1	–	–	Tr	Tr	4000	1	1
	The Lizard ...	1023·6	−4	NNW	2	bc	54	85	7	8	–	–	2·3	2·3	2500	0	2
	Scilly (St.Mary's)	1024·4	−8	N	2	c	50	92	7	3	–	–	10	10	1500	0	1
	Guernsey ...	1023·4	−8	NW	1	b	55	85	7	–	–	–	0	0	–	1	2
6	Pembroke ...	1023·1	−2	NW	2	bf	47	97	3	5	–	–	1	1	4000	1	1
7	Holyhead ...	1023·4	0	SW	3	c	53	75	8	5	–	–	9	9	4000	1	1
	Chester(Sealand)	1023·3	+2	NW'N	2	c	55	75	7	5	–	–	9+	9+	4000	1	*
8	Manchester ...	1023·2	0	NW'W	3	c	53	85	7	5	–	–	9+	9+	2500	1	
10	Spurn Head ...	1022·2	+12	N'E	2	c	46	85	8	5	1	–	9	10	1500	0	1
	Catterick ...	1022·9	+10	NE'N	1	2_o	48	75	6	5	7	–	7·8	10	2500	1	*
	Tynemouth ...	1022·2	+6	E	1	c	45	85	8	5	–	–	9	9	1500	0	1
11	Inchkeith ...	1021·5	+6	NNE	3	0	46	92	8	5	–	–	10	10	4000	0	2
12	Leuchars ...	1022·1	+12	E	3	c	48	65	8	5	–	–	9+	9+	4000	1	*
	Rentrew (Abbots I.)	1022·2	+6	SW'W	2	2_o	51	92	6	3	–	–	10	10	1500	1	*
	Eskdalemuir ...	1022·0	+2	W'N	2	c	51	85	8	5	–	–	10	10	1500	1	*
	Point of Ayre...	1023·0	0	NW	1	c	53	92	8	5	6	–	9	10	4000	1	1
13A	Tiree	1021·6	+4	W'N	3	f	43	97	3	–	–	–	10	10	<150	1	1
13B	Stornoway ...	1021·8	+8	SE	1	c	47	75	9	5	7	7	2·3	10	2500	1	9
15	Dalwhinnie ...	*	+8	SW	3	c	50	75	7	4	2	–	2·3	10	2500	0	
	Aberdeen ...	1022·7	+14	S	2	c	47	75	8	4	3	1	7·8	7·8	4000	0	0
	Wick ...	1023·2	+4	NNE	2	c	49	75	8	8	4	9	4·6	7·8	1500	1	1
16	Lerwick ...	1021·8	+12	NE	2	bc	46	85	8	7	–	2	2·3	4·6	1500	0	
17	Blacksod Point	1023·7	−4	W	1	c	54	85	8	5	–	–	10	10	800	1	2
18	Malin Head ...	1023·0	+8	WSW	2	c	50	97	7	5	–	–	9+	9+	2500	0	2
	Aldergrove ...	1023·4	+6	NW	1	c	56	85	8	5	7	–	2·3	10	2500	1	*
19	Birr Castle ...	1023·5	−4	WSW	1	c	61	65	8	5	–	–	9+	9+	2500	1	*
20	Valentia Obsy. †	1023·7	−6	NW'W	1	$2f$	53	92	8	5	–	–	9+	9+	450	1	2
	Roches Point	1023·7	−6	S	3	2_s	50	97	8	5	–	–	7·8	7·8	2500	1	2

PAST 24 HOURS.

Weather. 7h.–13h. ...23rd (37)	13h.–18h. ...23rd (38)	18h.23rdto 1h..24th (39)	1h.–7h. ...24th (40)
cbc	$bc2_oc$	cz_o	cm_o
$cm_o bcy$	$bcycz_o$	$cz_o ybm_o$	$bwcm_o$
bcby	bbcybc	$bcbm_o w$	$bm_o wcm_o$
bc	bccbc	bc	$bcm_o cm_o$
bbcy	bcy	$bcbwm_o$	$bwbccm_o$
$cm_o c$	cbcyc	$cm_o bccw$	cwcb
$b_o c$	cbc	$bccwcm_o$	cbc
bcc	$cz_o cm_o$	cm_o	cbcw
c	c	cbc	bcwb
cq	cq	cbcb	bbc
$cz_o cy$	cybc	bcc	c
$cz_o cbc$	bcc	cbc	$cid_o c$
bc	c	cbc	c
bc	bc	bcc	cm_o
bcbc	cbc	bcc	cm_o
bc	bcc	b	b
cbc	bcb	b	bw
cbc	bc	bcbw	bbcw
cbcc	c	FFe	FFeb
ocbc	bcb	bw	bwz_o
cbc	bcfeb	biFe	bwm_o
$c_o bc$	bcc	c	cb
$bcz_o c$	bcc	c	cm_o
$cbcm_o cbc$	bcc	c	cm
qc	cbcc	c	c
cbccy	ccm_o	cm_o	com_o
bc	bcc	o	oc
bcc	co	oc	c
cbc	bcc	c	oc
cbcc	$cbz_o c$	$r_o cm_o$	cm_o
$cbcm_o$	$cbz_o c$	c	cm_o
co	oc_o	o	ofo
$dmd_o o$	$d_o m$	fid_o	c
c	cpr_o	cpr_8	efe
$iroc$	c		ciro
cbcyv	bcvc	cbcw	bcwcw
bc	bcc	c	c
bc	bc	bc	bc
c	c	cbc	bc
cifc	$cz_o c$	c	bc
c	$cciro_c$	c	cwc
c	c	c	c
c	c	ofeo	ocbcwbc
bccff	cifef	ifcffe	effe

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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. ,, wet.
2 .. ,, flooded.
3 .. ,, frozen hard and dry.
4 .. ,, partly covered with snow or hail.
5 .. ,, covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 .. ,, covered with snow, less than 6 ins., but ground frozen.
9 .. ,, covered with snow greater than 6 ins. deep.

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

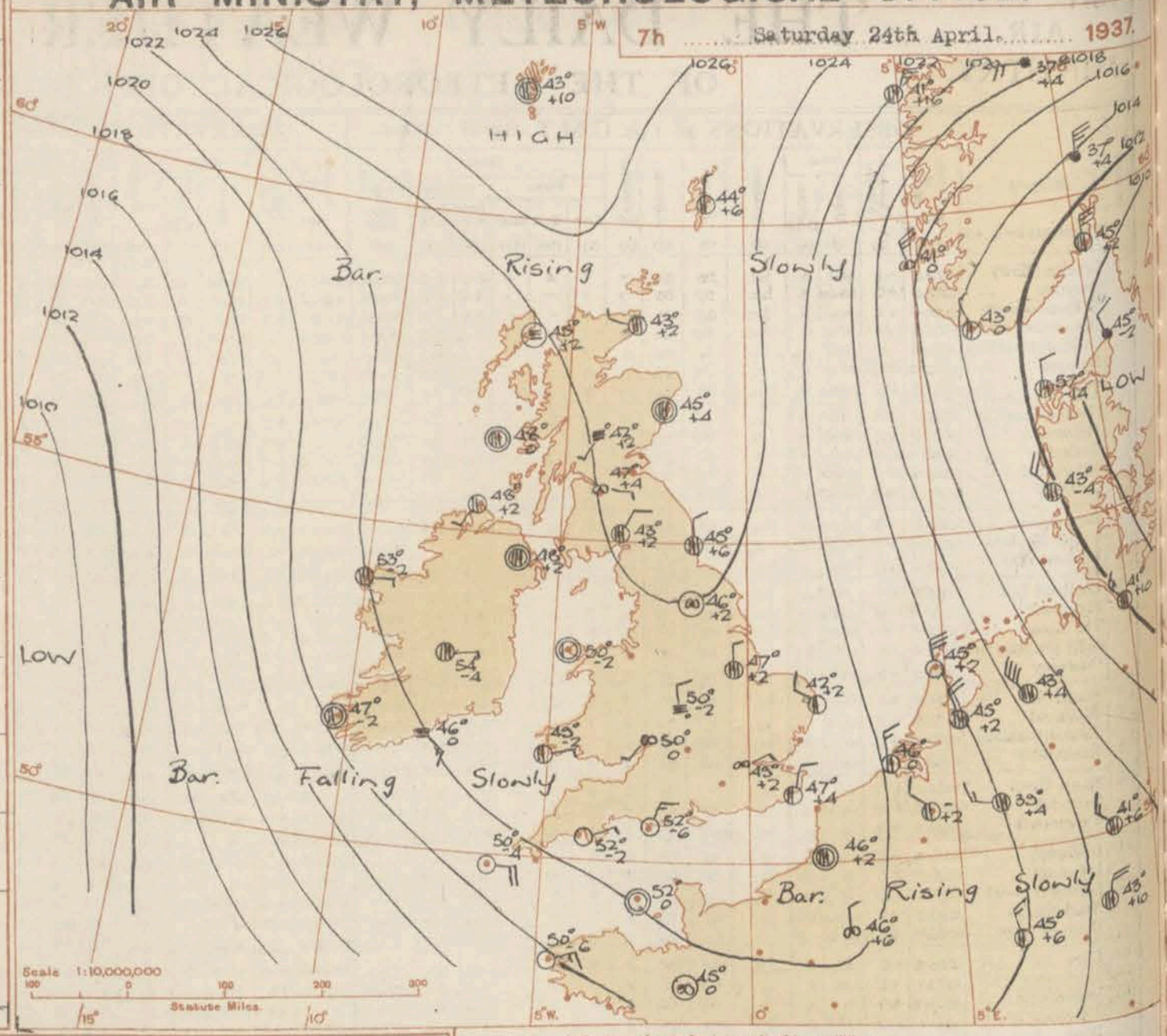
§ Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for April 23rd 1937.

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (F) Min. 9h. 22nd to 9h. 23rd	Temperature (F) Max. 9h.—17h. 23rd	Rainfall (mm) Night. 17h. 22nd to 9h. 23rd	Rainfall (mm) Day. 9h.—17h. 23rd	Sunshine (Hrs) Sunrise to 17h. 23rd	Sunshine (Hrs) Sunrise to Sunset. 22nd
1	Tunbridge W.	bc	bcom	45	61	—	—	9·0	1·9
	Bournemouth	b	b	49	67	—	—	8·6	1·0
	Ventnor ...	b	bbc	49	63	—	—	10·9	4·3
	Southsea ...	b	b	49	65	—	—	10·9	2·4
	Bognor Regis	b	b	46	64	—	—	11·4	0·5
	Littlehampton	bc	bc	49	66	—	—	11·8	1·2
	Worthing ...	b	b	48	64	Trace	—	11·6	0·3
	Brighton ...	b	b	49	62	—	—	11·4	1·2
	Eastbourne† ...	cbby	bybbc	49	64	—	—	11·4	2·3
	Hastings† ...	bc	bc	47	61	Trace	—	9·2	0·4
	Folkestone ...	c	cbbcc	47	57	—	—	6·1	0·2
	Dover ...	yc	cbcc	49	57	—	—	4·8	0·3
	Deal	co	cco	49	56	—	—	4·8	0·0
	Ramsgate ...	c	cbc	49	57	—	—	5·5	0·4
	Margate ...	cbc	cbc	49	55	—	—	5·4	0·5
2	Southend ...	c	cbcc	47	58	—	—	4·5	0·3
	Maldon ...	bc	b	49	57	—	—	5·5	0·7
	Clacton-on-Sea	cbc	bc	46	58	—	—	4·0	0·7
	Dovercourt ...	bcc	bc	47	57	—	—	4·8	0·2
	Lowestoft ...	c	c	46	53	Trace	—	0·0	0·0
	Skegness ...	bc	bcb	44	57	—	—	5·0	0·0
	Mablethorpe...	bccbc	bcbbc	43	57	—	—	6·3	0·5
	Cleethorpes ...	bcc	bc	45	58	0·5	—	7·4	1·9
3	Leamington S.	bc	bc	47	60	—	—	9·2	0·4
4	Cheltenham†	bcb	bbcb	47	63	—	—	10·9	0·2
5	Bath	b	bbc	49	65	Trace	—	10·0	0·4
	Weymouth ...	b	by	50	66	—	—	11·4	2·5
	Jersey ...	bc	cbcb	49	57	Trace	—	3·7	3·3
	Torquay ...	bbc	bcby	52	65	—	—	9·3	2·6
	Penzance ...	cb	b	49	60	—	—	7·7	2·4
	St. Ives ...	c	c	47	51	—	—	0·1	1·3
	Bude... ...	cbc	bcom	46	52	—	—	1·6	1·6
	Ilfracombe ...	ocbc	cbc	49	56	—	—	6·2	3·3
6	Aberystwyth	cdbc	bc	47	55	0·3	—	5·2	0·3
7	Llandudno ...	c	bcc	47	58	—	—	3·7	3·1
	Colwyn Bay...	bcc	cbcc	47	59	—	—	3·5	3·5
	Rhyl	bcc	cbcc	47	56	—	—	3·5	5·3
8	Wallasey ...	bc	bc	46	55	—	—	0·2	4·1
	Southport ...	bcc	cbcc	46	54	—	—	2·3	2·9
	Blackpool ...	bcc	oc	47	52	—	—	3·0	2·3
	Morecambe ...	bbcc	cbcc	46	51	—	—	4·0	2·9
9	Ilkley... ...	bc	bc	43	58	—	—	3·6	1·1
	Harrogate ...	cb	bbc	42	59	—	—	6·7	1·1
10	Berwick-on-T.	c	bcco	45	46	Trace	—	2·5	5·9
11	Dunbar ...	bc	cmbc	43	50	—	Trace	1·9	5·8
12	Troon... ...	cpc	coob	47	51	—	Trace	0·1	4·5
	Douglas ...	cb	cb	45	57	—	—	0·8	4·7

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



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~ Rough. ≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 24th April, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light northeast winds; fair; average temperature.
4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Light southeast winds; mainly fine; rather mild.
10 N.E. England 11 S.E. Scotland	Light north to northeast winds; cloudy; average temperature.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. / B.N.W.Scotland. 14 Mid Scotland	Light south to southeast winds; mainly fair; average temperature; local coast fog.
15 N. E. Scotland 16 Orkney and Shetland	As 10 - 11.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Light southeast winds; mainly fair; rather mild.

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

GENERAL INFERENCE

A ridge of high pressure extending southwards from Greenland across the British Isles is moving slowly eastwards. Weather will be fair generally but temperatures will be lower than of late in the eastern counties.

FURTHER OUTLOOK.

Mainly fair.

Forecasts issued at 1030 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.
Director.

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

Morning of

SATURDAY
24TH APRIL.

1937.

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

Charles'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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—◎

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— ○ Clear sky. ◔ Sky less than 3/10 clouded. ◑ Sky 4/10 to 6/10 clouded. ◕ Sky 7/10 to 9/10 clouded. ● Overcast sky ● Rain falling. ✱ Snow. ✱ Sleet. △ Hail, ≡ Fog. ≡ Mist. (₹) Thunder. ₹ Thunderstorm. ∞ Slight haze

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 24th April, 1937.

No. 2754?

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1022·9	+2	NE	2	Z_o	49	85	5	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1023·0	+2	N	2	c	49	85	7	5	-	-	9+	9+	4000
	Manston ...	142	1022·8	-2	-	0	c	49	75	6	5	-	-	9+	9+	2500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1023·1	+4	NW'N	2	b	42	92	7	-	4	-	0	Tr	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1022·8	0	NNE	3	b	52	85	7	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1021·6	-2	NNE	3	b	50	85	8	-	-	-	0	0	-
	Scilly (St.Mary's)	163	1023·3	-4	NE'E	3	F	46	97	1	-	-	-	10	10	4150
	Guernsey ..	175	1023·4	-4	-	0	b	48	97	8	-	-	-	0	0	-
6	Pembroke ...	142	1023·2	-4	NNE	2	b	46	97	7	-	-	-	0	0	-
7	Holyhead ...	26	1023·6	0	-	0	c	49	85	8	8	-	-	10	10	2500
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1023·4	+6	N	1	c	47	85	8	5	2	-	9	10	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1024·2	+4	-	0	0	44	85	7	5	-	-	10	10	800
11	Inchkeith ...	190	1023·9	+4	ENE	1	c	43	97	8	5	-	-	9	9	4000
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1023·6	+2	W'N	1	0	49	97	8	5	-	-	10	10	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1022·8	0	-	0	c	45	92	8	5	†	-	9	10	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	84	1024·4	+4	WNW	1	c	41	97	8	5	7	-	7·8	9	1500
16	Lerwick ...	156	1024·5	+4	NNW	1	bc	40	92	8	5	-	-	2·3	2·3	1500
17	Blacksod Point	18	1023·6	-6	-	0	c	50	92	7	7	-	-	7·8	7·8	1500
18	Malin Head ...	83	1023·6	+2	W'S	1	c	51	85	7	5	-	-	9	9	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1022·6	-10	S	2	of	46	97	3	5	-	-	10	10	220
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 * (30)
1	London (Kew)	1022·9	+4	NNE	2	Z_o	51	75	6	5	-	-	9+	9+	1500	1	*
	Croydon ...	1022·8	+2	E'N	1	Z_o	49	75	6	5	7	-	7·8	9+	4000	1	*
	S. Farnborough	1023·2	+2	N'E	1	Z_o	47	97	5	5	-	-	9+	9+	5700	1	*
	Boscombe Down	1022·9	-2	NE'E	2	Z_o	49	92	6	5	-	-	9	9	5700	0	*
	Calshot (Sthmtn.)	1022·8	+2	NNW	2	Z_o	49	92	5	5	3	-	4·6	9+	4000	1	0
	Lympne ...	1023·1	+4	N'E	2	bc	47	75	7	1	8	-	1	2·3	4000	1	*
	Manston ...	1022·8	+4	N'E	2	b	46	75	8	5	-	-	1	1	4000	1	*
2	Shoeburyness ...	1023·2	+2	N'E	2	c	49	75	8	5	4	-	9	9+	4000	1	*
	Felixstowe ...	1023·2	+2	N	3	bc	46	75	9	5	-	2	2·3	2·3	5700	1	1
	Gorleston ...	1023·1	+2	NW	2	bc	42	85	6	-	4	-	0	2·3	-	0	2
	Mildenhall ...	1023·4	+4	N'E	2	c	46	85	8	5	-	-	9+	9+	4000	0	*
	Cranwell ...	1023·5	+2	N	1	c	47	85	7	5	4	-	9+	10	2500	1	*
3	Birmingham ...	1022·5	-2	N	2	m	50	85	4	-	2	-	10	10	4000	1	*
	Upper Heyford	1023·6	0	NE	1	c	49	75	6	5	1	-	9	10	2500	0	*
4	Ross-on-Wye	1023·0	0	SW	1	Z_o	50	92	6	5	-	-	10	10	4000	1	*
5	Portland Bill ...	1022·3	-6	NE	3	b	52	92	7	-	-	-	0	0	-	1	3
	Plymouth ...	1022·2	-2	ENE	1	b	52	85	8	-	-	-	0	0	-	1	0
	The Lizard ...	1021·7	0	NE	3	bc	50	97	8	7	-	-	2·3	2·3	2500	1	2
	Scilly (St.Mary's)	1021·1	-4	E	4	b	50	97	7	-	-	-	0	0	-	1	2
	Guernsey ..	1022·6	0	-	0	b	52	92	6	-	-	-	0	0	-	1	1
6	Pembroke ...	1021·7	-2	E	1	bc	49	92	6	5	7	-	2·3	4·6	4000	1	1
7	Holyhead ...	1023·0	-2	-	0	b	50	92	7	-	3	-	0	1	-	1	0
	Chester(Sealand)	1023·3	+2	W'N	1	Z_o	50	92	6	5	-	-	10	10	1500	1	*
8	Manchester ...	1023·4	+4	-	0	m	49	97	4	5	-	-	10	10	2500	1	*
10	Spurn Head ...	1023·1	+4	N'E	4	c	46	75	8	5	7	-	4·6	7·8	2500	0	3
	Catterick ...	1024·0	+2	-	0	Z_o	46	92	5	5	-	-	10	10	1500	1	*
	Tynemouth ...	1024·1	+6	N	2	c	45	75	7	5	-	-	7·8	7·8	1500	1	1
11	Inchkeith ...	1024·7	+2	NE	1	c	44	92	8	5	-	-	7·8	7·8	4000	0	1
	Leuchars ...	1024·2	+2	-	0	c	46	85	8	5	-	-	9+	9+	4000	1	*
12	Renfrew (Abbotsl.)	1024·1	+4	ESE	1	Z_o	47	85	6	5	-	-	10	10	2500	1	*
	Eskdalemuir ...	1024·0	+2	NE	2	c	43	97	6	5	-	-	10	10	450	1	*
	Point of Ayre...	1023·7	+2	NW	1	0	48	97	6	5	-	-	10	10	1500	1	1
13A	Tiree	1023·1	0	-	0	c	48	97	7	5	7	-	9	9+	4000	1	1
13B	Stornoway ...	1023·1	+2	-	0	cf	45	92	3	5	-	-	10	10	1500	1	0
15	Dalwhinnie ...	1024·8	+2	SW	1	Z_o	42	92	5	5	-	-	10	10	800	1	*
	Aberdeen ...	1024·4	+4	-	0	c	45	85	8	5	3	-	7·8	7·8	4000	0	0
	Wick ...	1024·4	+2	WNW	1	c	43	97	8	5	3	-	4·6	7·8	2500	1	1
16	Lerwick ...	1025·2	+6	N	1	bc	44	85	9	5	3	-	1	2·3	2500	0	*
17	Blacksod Point	1022·0	-2	E	1	c	53	85	8	5	-	3	7·8	7·8	1500	0	2
18	Malin Head ...	1023·8	+2	SW	1	bc	48	97	7	5	4	-	2·3	2·3	2500	0	1
	Aldergrove ...	1024·0	+2	-	0	c	48	85	8	5	3	-	1	9+	2500	1	*
19	Birr Castle ...	1022·4	-4	E	1	c	54	85	8	5	-	-	7·8	7·8	4000	1	*
20	Valentia Obsy. †	1020·6	-2	-	0	bc	47	97	8	5	3	2	Tr	4·6	450	1	2
	Roches Point	1022·2	0	SE	3	cf	46	97	2	5	-	-	7·8	7·8	4150	1	2

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 24 Hrs. (36)
1	London (Kew)	62	49	42	-	-	10·1
	Croydon ...	61	49	45	-	-	9·0
	S. Farnborough	64	42	35	-	-	12·0
	Boscombe Down	61	46	41	-	-	10·7
	Calshot (Sthmtn.)	64	45	41	-	-	11·8
	Lympne ...	57	45	37	-	-	8·1
	Manston ...	56	42	39	-	-	5·4
2	Shoeburyness ...	59	46	39	-	-	5·2
	Felixstowe ...	58	41	32	-	-	2·4
	Gorleston ...	53	38	38	-	-	4·6
	Mildenhall ...	60	45	44	-	-	4·6
	Cranwell ...	58	45	44	-	Tr	2·5
3	Birmingham ...	58	50	47	-	-	9·0
	Upper Heyford	60	46	43	-	-	*
4	Ross-on-Wye	63	47	39	-	-	8·7
5	Portland Bill ...	59	50	*	-	-	*
	Plymouth ...	62	46	42	-	-	9·3
	The Lizard ...	60	47	*	-	-	*
	Scilly (St.Mary's)	55	45	*	-	Tr	1·5
	Guernsey ..	58	48	41	-	-	7·4
6	Pembroke ...	56	42	*	-	Tr	10·1
7	Holyhead ...	60	48	41	-	-	6·8
	Chester(Sealand)	57	50	49	-	-	6·4
8	Manchester ...	56	48	44	-	-	6·5
10	Spurn Head ...	53	44	*	-	-	5·3
	Catterick ...	57	44	44	-	-	4·8
	Tynemouth ...	54	44	43	-	-	4·4
11	Inchkeith ...	53	42	41	-	-	3·1
	Leuchars ...	54	44	43	-	-	4·2
12	Renfrew (Abbotsl.)	56	45	44	Tr	0·2	0·4
	Eskdalemuir ...	54	42	42	Tr	-	0·0
	Point of Ayre...	59	47	*	-	-	1·2
13A	Tiree	50	47	46	0·2	0·1	0·1
13B	Stornoway ...	51	45	*	0·3	0·1	1·8
15	Dalwhinnie ...	58	40	40	Tr	0·3	2·3
	Aberdeen ...	52	39	35	-	-	6·3
	Wick ...	51	37	*	-	-	*
16	Lerwick ...	50	39	*	-	-	12·4
17	Blacksod Point	55	48	*	Tr	-	*
18	Malin Head ...	52	46	*	-	-	0·0
	Aldergrove ...	58	45	40	Tr	-	0·3
19	Birr Castle ...	63	52	48	-	-	2·1
20	Valentia Obsy. †	61	42	37	-	Tr	1·2
	Roches Point	51	41	*	-	0·2	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. Yesterday. hrs.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility 9h.
Kew	18	cbc	bcz$_o$c	cz$_o$cm$_o$	62	49	42	-	-	10·1	*	*	6
Croydon	217	cm$_o$bcy	bcycz$_o$	czybm$_o$	61	49	45	-	-	9·0	*	*	6
Greenwich (Royal Observatory)...	149	cy	cbcyc	cbc	62	47	36	-	-	7·6	51	77	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	9·3	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	63	49	45	-	-	9·3	50	70	*
Regents Pk. (Botanic Gardens)†...	168	*	*	*	62	49	41	-	-	9·3	66	73	*
Camden Square	110	c	bc	*	63	49	42	-	-	*	*	72	*
Kensington	80	bc	bc	*	61	49	42	-	-	8·9	At 18h. 56	73	*
Hampstead Observatory	450	bc	bc	bcc	60	45	37	-	-	10·3	*	75	*

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	20·22h 23rd	0·3	2·4h 24th

Kew Observatory. Max.	Time.	Min.	Time.
0·2	20h 23rd	0·1	7–15h 23rd

FOREIGN OBSERVATIONS.

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

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1021·3	NW	3	bc	57
Brussels	1020·7	NW	4	c	50
Berlin	1007·8	NW	3	c	46
Zürich	1019·6	WSW	4	c	54
Rome	1016·5	WNW	3	b	66

7h. G.M.T. April 24th.

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1022·1	N	1	Z_o	46
*	NW	2	bc	*
1008·1	NNW	3	c/r	45
1017·2	WNW	1	c	46

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
63	39	Tr	-
54	39	-	-
54	41	4	6
59	45	0·6	0·4
*	*	-	

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 25th April, 1937.

No. 27548.

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)	1022·5	−8	NNE	2	Z_o	56	65	6	5	–	–	9+	9+	4000
	Croydon ...	1021·9	−8	NE	2	Z_o	55	65	5	5	–	–	9+	9+	7200
	S. Farnborough	1021·9	−10	ENE	1	Z_o	60	65	6	7	–	–	9+	9+	4000
	Boscombe Down	1022·0	−10	NNW	1	Z_o	58	75	6	5	–	–	9+	9+	2500
	Calshot (Sthmtn.)	1022·0	−12	ESE	2	Z_o	57	75	6	7	3	–	4-6	7-8	4000
	Lympne ...	1022·3	−10	N	2	b	54	46	9	1	–	–	Tr	Tr	2500
	Manston ...	1022·5	−2	NE	1	b	52	55	8	1	–	–	1	1	2500
2	Shoeburyness ...	1022·4	−12	SE	2	b	53	75	8	1	–	–	1	1	4000
	Felixstowe ...	1022·3	−8	E'S	2	b	51	65	9	1	–	1	Tr	Tr	2500
	Gorleston ...	1022·0	−4	NNW	4	bc	52	55	7	–	–	6	0	2-3	–
	Mildenhall ...	1022·4	−10	N'W	3	bc	57	55	9	1	4	5	Tr	2-3	4000
	Cranwell ...	1023·0	−12	N'E	2	c	56	55	9	7	5	3	4-6	9	5700
3	Birmingham ...	1022·7	−4	–	0	m	53	85	4	5	–	–	10	10	800
4	Upper Heyford	1022·3	−10	NW	1	Z_o	59	65	6	8	3	–	4-6	9+	5700
	Ross-on-Wye	1021·6	−10	N'E	2	Z_o	61	65	6	2	3	–	4-6	9+	2500
5	Portland Bill ...	1021·4	−6	E	3	c	53	92	7	1	4	–	4-6	9	2500
	Plymouth ...	1020·8	−10	ESE	3	b	64	65	7	1	–	–	Tr	Tr	4000
	The Lizard ...	1020·5	−4	ENE	4	b	55	85	6	–	–	–	0	0	–
	Scilly (St.Mary's)	1020·4	−2	E'S	4	b	56	85	6	–	–	–	0	0	–
	Guernsey ...	1021·4	−8	E	1	b	58	75	7	–	–	–	0	0	–
6	Pembroke ...	1021·2	−4	SE'S	2	bc	60	75	7	–	6	9	0	7-9 4-6	–
7	Holyhead ...	1022·6	−6	NNE	3	c	53	85	8	5	–	–	9+	9+	4000
8	Chester(Sealand)	1022·8	−6	WNW	2	c	55	85	7	5	–	–	10	10	2500
	Manchester ...	1022·9	−8	N	1	Z_o	60	65	6	5	3	–	4-6	10	2500
10	Spurn Head ...	1023·5	0	N	4	bc	52	65	8	–	4	8	0	4-6	–
	Catterick ...	1023·4	−2	NE	2	Z_o	52	65	6	5	–	–	9+	9+	4000
	Tynemouth ...	1024·2	−2	N	2	bc	47	85	8	5	–	–	4-6	4-6	1500
11	Inchkeith ...	1024·3	+2	E	3	c	47	85	8	5	3	–	4-6	7-8	4000
12	Leuchars ...	1024·7	0	ESE	1	c	52	65	8	5	–	–	9+	9+	4000
	Renfrew (Abbots I.)	1023·5	−10	NNE	1	Z_o	53	75	6	5	3	–	1	10	5700
	Eskdalemuir ...	1023·2	−2	ENE	2	c	52	75	7	5	–	–	10	10	1500
	Point of Ayre...	1023·5	0	E'N	1	o	50	92	8	5	–	–	10	10	1500
13A	Tiree	1023·5	0	–	0	c	53	85	7	5	3	–	Tr	9+	1500
13B	Stornoway ...	1024·1	+4	ESE	2	o	47	97	5	5	–	–	10	10	800
15	Dalwhinnie ...	1024·3	−2	N	1	c	52	85	6	4	2	–	4-6	10	1500
	Aberdeen ...	1024·8	0	E'S	2	c	45	65	8	7	–	1	9	9	4000
16	Wick ...	1024·2	0	ENE	1	c	47	92	8	5	4	3	4-6	7-8	2500
	Lerwick ...	1024·5	−6	NNE	3	bc	46	75	8	7	–	–	4-6	4-6	2500
17	Blacksod Point	1020·6	−14	SE	3	bc	60	75	8	2	–	4	2-3	2-3	2500
18	Malin Head ...	1024·4	−4	ENE	2	c	53	85	7	7	–	*	9	9	2500
	Aldergrove ...	1023·3	−10	NE	2	c	60	65	8	1	3	–	Tr	9+	2500
19	Birr Castle ...	1021·2	−4	E	1	c	63	65	8	5	–	–	7-8	7-8	4000
20	Valentia Obsy. †	1016·6	−16	SE	4	c	63	65	8	7	7	1	2-3	7-8	2500
	Roches Point	1021·4	−4	SE	3	cf	50	97	2	5	–	–	7-8	7-8	<150

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)	Sea. 0–9 (30)
1020·4	−4	NNE	2	Z_o	56	65	6	5	–	–	9+	9+	4000	1	*
1019·5	−8	NNE	3	c	56	55	6	5	–	–	9+	9+	5700	1	*
1020·2	−4	NE	2	c	56	65	6	5	–	–	9+	9+	4000	1	*
1020·5	0	NE	2	c	59	75	7	5	2	–	7-8	10	5700	0	*
1020·3	−6	E'S	2	Z_o	52	85	6	5	3	–	7-8	9+	4000	1	§ 1
1021·0	−4	ESE	2	b	48	75	9	–	–	–	0	0	–	0	1
1020·6	−6	NE	3	bc	45	55	8	–	–	1	0	2-3	–	1	*
1021·0	−8	ESE	2	b	50	75	9	4	–	–	Tr	Tr	4000	1	*
1020·8	−8	SE'S	1	b	48	65	9	–	–	–	0	0	–	1	1
1020·8	−8	NNW	4	bc	51	65	6	4	–	1	2-3	4-6	4000	0	2
1021·2	−6	N	3	b	52	45	9	–	4	9	0	1	–	0	*
1021·9	−6	NE'E	3	c	51	65	9	5	–	–	9+	9+	4000	1	*
1021·6	−6	E	2	o	54	75	5	5	–	–	10	10	1500	1	*
1021·3	−6	N	1	Z_o	55	75	6	–	7	–	0	10	–	0	*
1020·2	−6	ENE	3	m	57	75	4	5	–	–	10	10	2500	1	*
1020·4	−2	SE	3	c	50	92	7	4	–	–	7-8	7-8	2500	1	2
1019·5	−6	SW'S	2	Z_o	56	85	6	5	7	–	2-3	7-8	4000	1	1
1019·3	−10	NE'N	2	b	53	85	6	–	–	–	0	0	–	0	2
1018·9	−4	E'N	4	b	54	85	7	–	–	–	0	0	–	0	2
1020·0	−4	E'N	1	bc	54	85	7	–	–	8	0	4-6	–	1	1
1019·6	−12	NE	2	c	60	75	7	5	7	–	4-6	7-8	4000	0	1
1020·9	−8	NE	3	c	50	92	8	5	–	–	9+	9+	7200	0	1
1021·3	−6	W'N	3	Z_o	52	92	5	5	–	–	10	10	2500	1	*
1021·2	−10	SE	2	m	57	75	4	5	–	–	10	10	2500	1	*
1022·2	−8	N'E	4	bc	46	75	8	–	4	1	0	2-3	–	0	3
1022·9	−2	NE'N	3	c	49	65	7	5	–	–	9	9	4000	1	*
1023·1	0	NNE	2	bc	45	85	8	5	–	–	4-6	4-6	1500	1	1
1023·8	−2	E	2	c	46	85	8	5	–	–	7-8	7-8	4000	0	1
1024·2	−2	E	2	c	46	75	8	5	–	–	9+	9+	4000	1	*
1022·0	−8	NE'N	1	Z_o	57	75	6	5	–	9	4-6	4-6	5700	1	*
1021·9	−4	E'N	3	c	54	65	7	5	–	–	7-8	7-8	2500	1	*
1021·4	−8	–	0	c	52	85	8	5	–	–	7-8	7-8	1500	0	1
1022·5	−6	–	0	c	50	92	7	–	3	–	0	9	–	0	1
1023·2	−4	NE	3	c	48	92	8	5	7	–	7-8	9+	2500	1	2
1023·7	−4	N	2	id	47	92	6	5	–	–	10	10	1500	1	*
1024·5	0	ENE	2	b	45	75	8	6	3	9	Tr	1	7200	0	0
1025·2	+2	ENE	2	c	45	85	8	5	3	–	4-6	7-8	2500	1	1
1025·2	+4	NNE	3	bc	46	75	8	7	8	–	4-6	4-6	2500	0	
1019·2	−12	SE	3	c	55	75	8	7	–	–	7-8	7-8	2500	0	3
1022·0	−8	ENE	3	c	51	92	7	5	–	–	9	9	2500	0	1
1021·6	−4	ENE	2	c	58	75	7	5	–	–	9+	9+	5700	1	*
1019·6	−6	SE	1	c	62	65	8	5	–	–	9+	9+	4000	1	*
1017·7	−2	SE'E	4	c	61	55	8	1	4	2	1	7-8	2500	0	3
1019·4	−6	SE	3	b	55	85	8	–	4	–	0	1	–	0	2

PAST 24 HOURS.

Weather. 7h.—13h. 24th. (37)	Weather. 13h.—18h. 24th. (38)	Weather. 18h. 24th to 1h. 25th. (39)	Weather. 1h.—7h. 25th. (40)
c_{z_o}	c_{z_o}	$c_{z_o}c_y$.	bcb.
$c_{m_o}z_o$	$c_{z_o}y$	c_{z_o}yby	bybwv.
c_{z_o}	c_{z_o}	$c_{z_o}c$.	cbcxby.
c_{m_o}	c	cbc.	bc.
c_{m_o}	c_{m_o}	$c_w$bc.	bcycy.
by	byb	bw	bxvb.
by	by	b.	bbc.
cbcb	bbv	bvb.	bx
byv	bv	bv.	bvb,c.
bcq	bcq	bcqb.	beeq.
cbcby	by	by	bx,c.
cbcy	cyc	cbcb	bwvbc
om	mo	obc.	bc
c_{z_o}	c_{z_o}	c_{z_o}bc.	bcbw.
c_{z_o}	$c_{z_o}o_{zcm}$	c_{w_o}	c
bbc	bcc	c	c
b	b_y	$_{m_o}$cbc bcbw$_o$	bbccww$_o$
bcbz	bz_o	bzw	bbcc.
b	b	bbcbw.	bbcc.
bzmif	bbc	bcbw.	bwbcc.
$b_{cm_o}c$	cbcc	bcc.	c_{m_o}C.
b,c	c	c_{m_o}a	o_{m_o}C.
c_{m_o}c	c_{m_o}	c_{m_o}.	$c_{w_o}z_o$.
c_{m_o}	c_{m_o}	c_{m_o}.	$c_{w_o}z_o$.
cfz.	czfcz	cz.	c
cbc	bc	bc.	beeq.
$o_{m_o}c_{m_o}$	c_{m_o}c	c.	bcwcw
cbc	bc	bcc.	c.
c	c	c	cbc
c	c	bc	Ffec.
bc	bc	cbc.	c_{pro_o}
bc	bc	bc	bc.
c	c	c	cz_oz.
cwc	c	c	c.
c	c	cbc	cbcb
bcvc	ccy	cycbc	bcc
cffe	ffbcb	bw.	bcwcw

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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. ,, wet.
2 .. ,, flooded.
3 .. ,, frozen hard and dry.
4 .. ,, partly covered with snow or hail.
5 .. ,, covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 .. ,, covered with snow, less than 6 ins., but ground frozen.
9 .. ,, covered with snow greater than 6 ins. deep.

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

§ Sea disturbance reported from Dungeness.

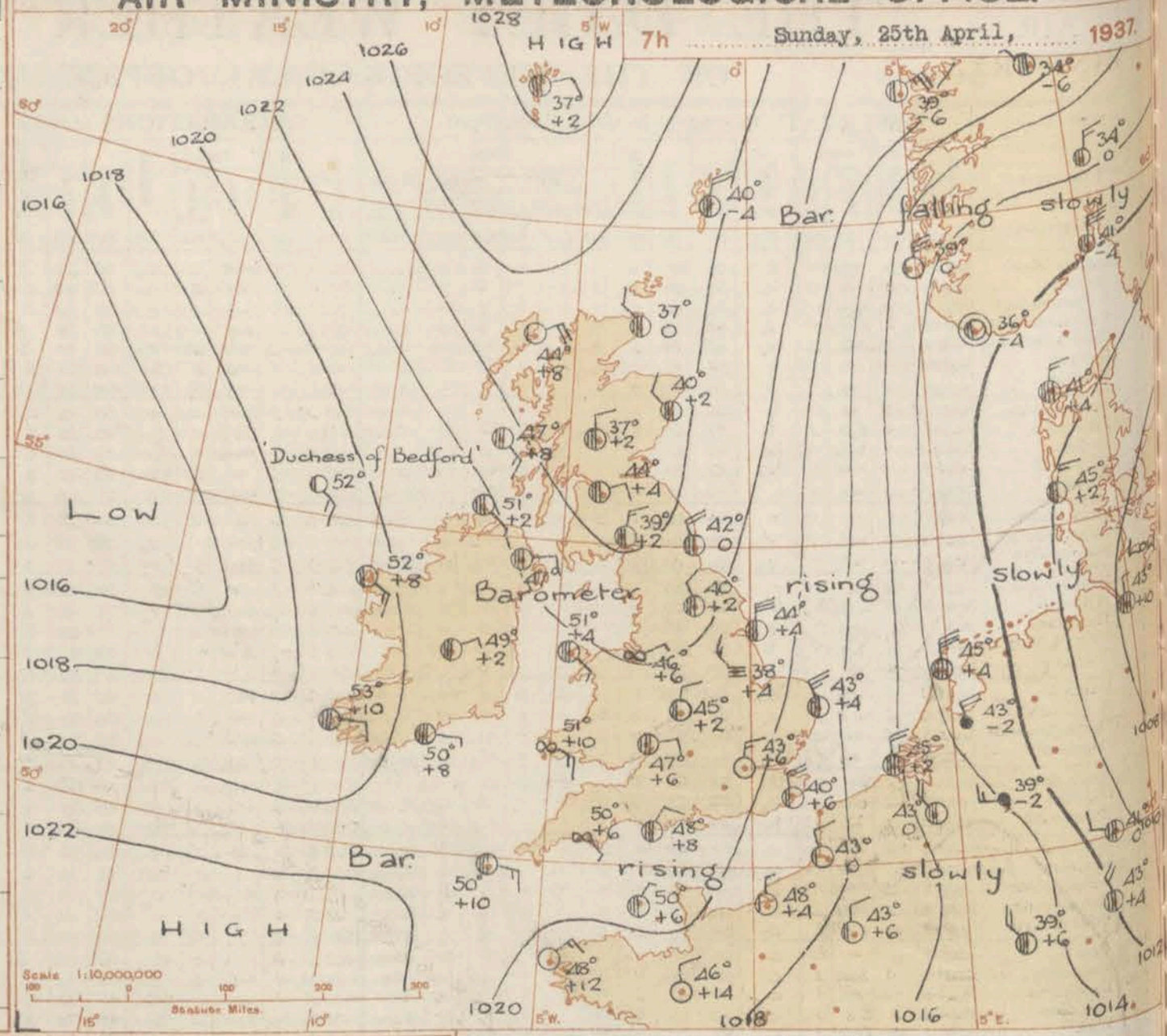
REPORTS from HEALTH RESORTS for 24th April 1937.

Districts	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature (°F) Min. 9h. 23rd to 9h. 24th.	Temperature (°F) Max. 9h.—17h. 24th.	Rainfall (inches) Night. 17h. 23rd to 9h. 24th.	Rainfall (inches) Day. 9h.—17h. 24th.	Sunshine (Hrs) Sunrise to 17h. 24th.	Sunshine (Hrs) Sunrise to Sunset. 25th.
1	Tunbridge W.	o	cbc	42	59	–	–	2·8	3·0
	Bournemouth	cco	bc	45	61	–	–	2·6	10·0
	Ventnor ...	oc	cbc	48	58	–	–	3·2	12·3
	Southsea ...	ocbc	bcco	46	60	–	–	2·3	12·5
	Bognor Regis	cbc	cbco	47	53	–	–	2·0	12·7
	Littlehampton	cbc	bcc	45	57	–	–	0·9	12·6
	Worthing ...	c	c	47	56	–	–	0·6	12·6
	Brighton ...	c	b	45	56	–	–	2·5	12·1
	Eastbourne† ...	oc	cbbccv	46	55	–	–	3·1	11·8
	Hastings† ...	cbc	bcbbc	47	53	–	–	5·9	9·4
	Folkestone ...	b	b	46	55	–	–	11·6	6·1
	Dover ...	yb	b	47	55	–	–	11·9	4·8
	Deal	b	b	45	56	–	–	11·8	4·8
	Ramsgate ...	bv	bv	45	52	–	–	11·8	6·1
	Margate ...	bcb	b	46	51	–	–	11·8	6·4
2	Southend ...	bcb	bbcb	47	57	–	–	7·6	4·5
	Maldon ...	b	b	47	58	–	–	9·1	5·5
	Clacton-on-Sea	bc	bcb	45	55	–	–	11·7	4·1
	Dovercourt ...	bv	bv	47	56	–	–	12·2	5·6
	Lowestoft ...	b	b	37	53	–	–	11·9	0·0
	Skegness ...	b	b	44	51	–	–	12·0	5·2
	Mablethorpe...	bc	bc	44	51	–	–	12·0	6·5
	Cleethorpes ...	bc	bc	46	51	–	–	8·3	7·4
3	Leamington S.	o	o	51	55	–	–	0·0	10·2
4	Cheltenham.†	m,c	co	47	60	–	–	0·0	12·5
5	Bath	c	c	44	63	–	–	0·0	10·8
	Weymouth ...	bm	bc	47	60	–	–	6·3	13·0
	Jersey ...	bfb	b	45	64	–	–	9·3	5·4
	Torquay ...	bz,	bbcc	45	60	–	–	9·1	11·0
	Penzance ...	b	b	45	61	–	–	11·0	7·6
	St. Ives ...	b	b	44	62	Trace	–	10·6	0·1
	Bude... ...	b	bcc	41	65	–	–	7·0	1·6
	Ilfracombe ...	cbcb	cbcb	43	58	–	–	5·2	7·5
6	Aberystwyth	c	c	45	54	–	–	0·0	6·8
7	Llandudno ...	oim	omoc	48	53	–	–	0·0	3·7
	Colwyn Bay...	moc	ebcc	45	54	–	–	0·0	3·5
	Rhyl	om,c	c	45	52	–	–	0·0	3·5
8	Wallasey ...	moc	c	48	52	–	–	0·0	0·2
	Southport ...	ocz	cz	48	59	–	–	0·0	2·3
	Blackpool ...	oc	c	48	58	–	–	0·0	3·0
	Morecambe ...	czc	czbbc	48	58	–	–	1·2	4·0
9	Ilkley... ...	c	c	44	58	–	–	0·1	3·7
	Harrogate ...	bcc	bcc	45	56	–	–	2·1	7·7
10	Berwick-on-T.	c	bcc,	43	45	–	–	2·5	2·5
11	Dunbar ...	bc	bc	43	48	–	–	0·5	1·9
12	Troon... ...	woco	oco	45	53	Trace	–	0·0	0·1
	Douglas ...	cz,	cz,	48	55	–	–	0·0	0·8

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Sunday, 25th April, ... 1937.



Barometer. Isobars are drawn for intervals of two millibars.
Wind, Weather Symbols. For explanation see opposite page.
Sea Disturbance. ~~ Rough. ≈≈ High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 25th April, 1937.
1 S.E. England 2 E. England ...	Moderate northerly winds, stronger on coast; cloudy but considerable bright periods on coasts, fair or fine inland; rather cool on coasts, average temperature inland.
3 E. Midlands ... 4 W. Midlands ...	Light or moderate northerly winds; mainly fair or fine; average temperature in the day, cool at night
5 S.W. England 6 South Wales ...	Light easterly or variable winds; fair or fine; average temperature or rather warm.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	Light easterly or variable winds; fair or fine; average temperature or rather warm in the day, rather cool at night.
10 N.E. England 11 S.E. Scotland	Light to moderate northerly winds; cloudy, considerable bright intervals; rather cool.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. / B.N.W.Scotland. 14 Mid Scotland	Light easterly to variable winds becoming southerly later; mainly fair; average temperature.
15 N. E. Scotland	As 10 - 11.
16 Orkney and Shetland	Light or moderate northeasterly winds; mainly fair; rather cool.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Light easterly to variable winds becoming southwesterly; fair; average temperature or rather warm.

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

GENERAL INFERENCE.

A ridge of high pressure extending from an anticyclone north of the Faeroes covers the British Isles. Weather will continue mainly fair or fine except in the extreme west and northwest. Temperature will be rather low in eastern coastal areas but elsewhere average or rather warm.

FURTHER OUTLOOK.

Fair for several days except perhaps in the extreme west and northwest.

Forecasts issued at 1030 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

Morning of

SUNDAY,
25TH APRIL.

1937.

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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 25th April, 1937.

No. 27548.

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)	Temp. °F. (6)	Humid. % (7)	Visibility. 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1020·2	-2	NNE	2	b	44	55	8	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	348	1020·1	-6	NW'N	2	b	39	85	8	-	-	-	0	0	-
	Manston ...	142	1019·2	-10	N	4	b	43	65	8	-	-	-	0	0	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1019·2	-12	NW'N	3	b	42	85	7	-	-	-	0	0	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1019·0	+4	E	2	c	49	92	7	4	-	-	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1019·6	0	NE	2	b	49	92	7	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1019·4	+2	E'S	3	b	49	97	6	-	-	-	0	0	-
	Guernsey ...	175	1019·8	+4	NNE	1	b	47	85	8	-	-	-	0	0	-
6	Pembroke ...	142	1019·2	+2	ENE	1	c	52	85	7	5	7	-	4-6	9+	4000
7	Holyhead ...	26	1020·2	-8	-	0	0	50	85	6	5	-	-	10	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1020·7	-6	NW'N	4	b	40	97	8	-	1	-	0	1	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1023·1	-4	NNW	3	c	42	92	7	9	-	-	9	9	800
11	Inchkeith ...	190	1024·6	+2	ENE	1	c	43	92	8	5	9	-	4-6	7-8	4000
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1021·8	0	ESE	4	0	47	92	8	5	-	-	10	10	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1023·9	-2	E	4	bc	43	85	8	-	4	9	0	2-3	-
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1025·5	+2	NW	2	bc	36	97	8	5	-	1	2-3	2-3	1500
16	Lerwick ...	156	1025·4	+2	N	4	bc	41	85	8	5	5	-	4-6	4-6	1500
17	Blacksod Point	18	1019·5	+2	SE	1	bc	52	92	8	4	4	-	2-3	2-3	1500
18	Malin Head ...	84	1021·3	-4	ENE	3	c	49	97	7	5	-	-	9	9	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1018·4	0	ESE	2	b	51	92	7	-	4	-	0	1	-
	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)	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)	1020·9	+4	NNE	3	b	43	65	7	-	-	-	0	0	-	1	*
	Croydon ...	1020·7	+6	N'E	2	b	43	75	8	-	-	-	0	0	-	1	*
	S. Farnborough	1020·9	+4	NNW	1	b	45	55	8	5	-	-	Tr	Tr	4000	1	*
	Boscombe Down	1021·4	+6	N'E	3	bc	45	65	8	4	3	-	2-3	4-0	4000	1	*
	Calshot (Sthmtn.)	1020·7	+8	NNW	3	c	46	55	8	5	3	-	4-6	7-8	4000	0	1
	Lympne ...	1019·8	+6	N'W	4	bc	46	85	7	1	-	-	2-3	2-3	1500	0	2
	Manston ...	1019·1	+2	N'W	4	bc	43	75	8	5	-	-	4-6	4-6	800	1	*
2	Shoeburyness ...	1020·3	0	NW'N	3	b	42	85	8	1	-	-	Tr	Tr	2500	1	*
	Felixstowe ...	1019·4	+8	NNW	4	c	43	75	7	5	-	-	9	9	800	1	2
	Gorleston ...	1018·1	+4	NNW	5	c	43	75	7	8	-	-	9+	9+	2500	0	3
	Mildenhall ...	1020·6	+6	NNW	3	c	42	92	7	5	-	-	9+	9+	1500	1	*
	Cranwell ...	1021·8	+4	NW	3	c	38	97	7	5	-	-	4-6	4-6	800	1	*
3	Birmingham ...	1022·4	+2	NNE	2	bc	45	85	8	-	3	-	0	2-3	-	1	*
	Upper Heyford	1021·8	+4	NNW	3	b	42	65	7	5	-	-	1	1	5700	0	*
4	Ross-on-Wye	1021·7	+6	E'N	2	c	47	85	8	5	-	-	9+	9+	2500	1	*
5	Portland Bill ...	1020·6	+8	NE	2	c	48	85	8	4	-	-	10	10	2500	1	2
	Plymouth ...	1020·4	+6	SE	1	c	50	92	6	5	-	-	9+	9+	2500	1	0
	The Lizard ...	1020·7	+6	NE'E	2	c	49	92	7	5	2	-	9	10	1500	0	2
	Scilly (St. Mary's)	1020·4	+10	ESE	3	c	50	97	6	5	-	-	10	10	4000	0	2
	Guernsey ...	1020·3	+6	NE	1	c	50	85	9	8	-	-	7-8	7-8	2500	0	1
6	Pembroke ...	1020·6	+10	ESE	3	c	51	85	6	5	2	-	7-8	9+	4000	0	1
7	Holyhead ...	1020·3	+4	SE	1	c	51	85	6	5	-	-	10	10	1500	0	0
	Chester (Sealand)	1022·2	+6	ENE	1	c	46	65	6	5	-	-	10	10	2500	1	*
8	Manchester ...	1022·4	0	E'N	2	c	47	45	7	-	3	-	0	0	-	1	*
10	Spurn Head ...	1020·8	+4	N	6	c	44	75	8	4	1	-	7-8	9	1500	0	4
	Catterick ...	1023·6	+2	NNW	2	c	40	85	8	5	-	-	9+	9+	2500	1	*
	Tynemouth ...	1023·2	0	NNW	4	c	43	92	7	5	-	-	9	9	1500	1	2
11	Inchkeith ...	1024·9	+2	ENE	2	bc	44	85	8	8	-	-	2-3	2-3	4000	0	1
	Leuchars ...	1024·5	+4	SW	1	b	36	97	8	5	-	-	Tr	Tr	4000	1	*
12	Renfrew (Abbotsl.)	1024·7	+4	ENE	2	c	44	85	7	7	2	-	2-3	10	1500	1	*
	Eskdalemuir ...	1024·2	+2	NNE	3	c	39	85	8	5	-	-	9+	9+	1500	1	2
	Point of Ayre ...	1022·3	+4	E	3	c	45	85	8	5	-	-	10	10	1500	0	2
13A	Tiree	1022·3	+8	SSE	3	c	47	92	7	5	-	-	10	10	4000	0	1
13B	Stornoway ...	1024·3	+8	ENE	4	b	44	75	5	7	-	-	Tr	Tr	2500	1	2
15	Dalwhinnie ...	1025·4	+2	N	2	c	37	85	6	5	-	-	9	9	1500	1	*
	Aberdeen ...	1024·5	+2	NW	2	c	40	85	8	5	-	-	7-8	7-8	2500	1	1
	Wick ...	1025·2	0	NW	2	c	37	97	8	5	-	-	7-8	7-8	1500	1	1
16	Lerwick ...	1024·5	-4	NNE	4	c	40	85	8	8	3	-	4-6	7-8	1500	0	*
17	Blacksod Point	1020·0	+8	SE	3	bc	52	85	6	4	4	1	2-3	4-6	1500	0	3
18	Malin Head ...	1021·6	+2	SE	1	c	51	97	6	5	-	-	9+	9+	2500	0	0
	Aldergrove ...	1022·6	+4	E'N	2	c	47	65	7	5	-	-	10	10	4000	1	*
19	Birr Castle ...	1020·2	+2	ENE	1	c	49	97	6	5	-	-	10	10	2500	1	*
20	Valentia Obsy. †	1019·4	+10	E	2	c	53	75	8	5	2	-	4-6	10	2500	1	1
	Roches Point	1020·5	+8	E	4	c	50	97	8	5	-	-	10	10	2500	0	2

PAST 24 HOURS.

DISTRICT	STATIONS	Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 24 hrs. Hrs. (36)
1	London (Kew)	58	40	30	-	-	1·1
	Croydon ...	59	38	32	-	-	0·9
	S. Farnborough	61	33	25	-	-	1·1
	Boscombe Down	61	43	41	-	-	0·2
	Calshot (Sthmtn.)	58	45	42	-	-	2·1
	Lympne ...	57	37	31	-	Tr	13·0
	Manston ...	55	41	35	-	-	13·6
2	Shoeburyness ...	54	36	29	-	-	10·3
	Felixstowe ...	54	38	36	-	-	13·7
	Gorleston ...	53	39	37	-	-	13·4
	Mildenhall ...	58	35	30	-	Tr	10·3
	Cranwell ...	57	35	32	-	-	3·3
3	Birmingham ...	56	43	39	-	-	0·0
	Upper Heyford	55	38	32	-	0·1	*
4	Ross-on-Wye	62	46	45	-	-	0·0
5	Portland Bill ...	56	45	*	-	-	*
	Plymouth ...	65	47	40	-	-	10·1
	The Lizard ...	57	48	*	-	-	*
	Scilly (St. Mary's)	57	48	*	-	Tr	12·7
	Guernsey ...	60	47	41	-	-	12·2
6	Pembroke ...	61	49	*	-	-	4·0
7	Holyhead ...	54	48	48	-	-	2·5
	Chester (Sealand)	56	46	44	-	-	0·0
8	Manchester ...	60	42	40	-	-	0·1
10	Spurn Head ...	52	39	*	-	-	13·8
	Catterick ...	53	35	30	-	-	2·4
	Tynemouth ...	48	40	38	-	-	4·6
11	Inchkeith ...	51	40	36	-	-	2·2
	Leuchars ...	52	31	19	-	-	0·2
12	Renfrew (Abbotsl.)	58	45	42	-	-	1·1
	Eskdalemuir ...	56	38	38	-	-	0·4
	Point of Ayre ...	52	45	*	-	-	0·0
13A	Tiree	54	46	44	-	-	0·0
13B	Stornoway ...	50	40	*	1	-	0·0
15	Dalwhinnie ...	52	35	35	0·1	1	0·0
	Aberdeen ...	49	34	32	-	-	2·1
	Wick ...	48	33	*	-	0·1	*
16	Lerwick ...	47	39	*	-	Tr	13·4
17	Blacksod Point	60	48	*	-	-	*
18	Malin Head ...	55	48	*	-	-	5·0
	Aldergrove ...	61	46	46	-	-	1·7
19	Birr Castle ...	66	47	36	-	-	6·1
20	Valentia Obsy. †	63	51	46	-	-	9·9
	Roches Point	56	49	*	-	Tr	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 10h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
KEW	18	cz	cz	cz.bc	58	40	30	-	-	1·1	*	*	7
CROYDON	217	c.mz	cz.y	cz.by.	59	38	32	-	-	0·9	*	*	
GREENWICH (Royal Observatory)...	149	c	cy	cb	60	38	26	-	-	1·3	56	61	c.
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·6	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	60	40	35	-	-	0·3	53	59	*
REGENTS PK (Botanic Gardens)‡...	168	*	*	*	59	38	29	-	-	0·0	49	68	*
CAMDEN SQUARE	110	c	c	*	59	39	32	-	-	*	*	64	*
KENSINGTON	80	bc	bcb.	*	59	39	33	-	-	0·5	58	59.	*
HAMPSTEAD OBSERVATORY	440	bc	bc	cbc	56	35	30.	-	-	1·1	*	69.	*

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.
PARIS	1018·4	NNE	2	b	57	1017·9	N	2	bc	43
BRUSSELS	1018·3	N	4	c	46	1015·4	NW	4	0	48
BERLIN	1008·8	NW	3	c	45	1005·0	NW	3	r.c	43
ZÜRICH	1015·2	WNW	2	b.	64					
ROME	1009·1	SSE	1	c	57					

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
61	37	-	-
54	39	-	-
50	41	-	-
61		-	
*	*	-	

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

SOUTH KENSINGTON.

Max.	Time.	Min.	Time.
Defective.			

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
0·2	3hrs	<0·1	21hs 24h.
	24h		-7hrs 25h.

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. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Monday, 26th April, 1937.
No. 27549.

Dist.	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 25th April: Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. (6)	%Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1021·5	0	NNW	3	b	52	55	7	1	-	-	1	1	2500
	Croydon ...	1020·9	0	N'W	3	b	54	45	6	1	-	-	1	1	4000
	S. Farnborough	1021·0	0	N'W	4	b	55	35	8	-	-	-	0	0	-
	Boscombe Down	1021·6	-2	N'E	3	b	56	35	8	4	-	-	Tr	Tr	-
	Calshot (Sthmtn.)	1021·4	-2	N'W	4	b	56	36	8	-	4	-	0	Tr	-
	Lympne ...	1020·6	-2	NNW	4	bc	50	66	8	7	-	-	4·6	4·6	2500
	Manston ...	1020·5	+4	N'W	4	c	50	55	8	7	-	-	7·8	7·8	2500
2	Shoeburyness ...	1021·0	+4	N'W	4	bc	53	55	8	2	-	-	4·6	4·6	4000
	Felixstowe ...	1020·4	+6	NNW	5	c	52	55	8	5	-	-	7·8	7·8	1500
	Gorleston ...	1019·7	+8	NNW	5	c	46	65	6	8	-	-	10	10	2500
	Mildenhall ...	1021·6	+2	N	5	c	49	55	8	5	-	-	7·8	7·8	2500
	Cranwell ...	1022·0	-2	NW	4	bc	53	55	8	7	-	-	4·6	4·6	2500
3	Birmingham ...	1022·0	0	NNW	2	b	55	45	6	-	-	-	0	0	-
4	Upper Heyford	1021·9	-2	N	4	b	55	45	8	1	-	1	Tr	1	4000
	Ross-on-Wye	1021·2	-6	NW	3	bc	58	45	7	7	3	-	1	2·3	5700
5	Portland Bill ...	1021·7	+6	WSW	2	b	52	75	8	-	-	-	0	0	-
	Plymouth ...	1021·9	+2	W'S	1	2_o	54	85	6	5	2	-	2·3	10	2500
	The Lizard ...	1022·3	+8	NE'E	2	pr_o	51	92	7	5	-	-	10	10	1500
	Scilly (St. Mary's)	1022·1	+8	S'E	2	c	52	85	7	5	-	-	10	10	2500
	Guernsey ...	1021·5	+4	ENE	1	b	53	55	6	-	-	-	0	Tr	-
6	Pembroke ...	1021·2	0	SE	1	c	54	75	6	5	-	-	9+	9+	4000
7	Holyhead ...	1022·3	0	SE	2	c	51	55	8	5	-	-	10	10	5700
	Chester (Sealand)	1022·1	-4	W	2	2_o	57	45	6	5	-	-	4·6	4·6	5700
8	Manchester ...	1022·1	-4	ENE	3	b	57	35	7	-	4	-	0	Tr	-
10	Spurn Head ...	1021·1	+2	N'W	6	q	47	65	6	5	7	-	7·8	9	1500
	Catterick ...	1022·8	-10	ENE	3	2_o	50	65	6	1	-	-	2·3	2·3	2500
	Tynemouth ...	1022·4	+4	N	4	bc	45	65	6	2	-	-	4·6	4·6	1500
11	Inchkeith ...	1024·2	-2	ENE	2	bc	50	75	6	5	-	-	2·3	2·3	4000
12	Leuchars ...	1024·1	-6	E	3	b	51	55	9	1	-	-	1	1	4000
	Renfrew (Abbotsl.)	1024·1	-4	NE	1	c	52	55	7	5	-	-	9+	9+	4000
	Eskdalemuir ...	1022·6	-6	N'E	2	c	53	45	8	7	-	-	9+	9+	4000
	Point of Ayre ...	1023·2	+2	E'N	1	c	49	65	8	5	-	-	9	9	2500
13A	Tiree	1023·7	+2	ESE	1	c	52	85	7	5	3	-	1	9+	2500
13B	Stornoway ...	1025·5	0	NE	5	b	49	75	9	5	-	-	1	1	2500
15	Dalwhinnie ...	*	-2	NE	2	b	53	45	6	4	-	-	Tr	Tr	<150
	Aberdeen ...	1024·1	-2	NW	4	c	47	55	8	7	-	-	7·8	7·8	2500
16	Wick ...	1025·3	+2	NNE	4	c	43	65	8	8	7	-	7·8	7·8	1500
	Lerwick ...	1023·6	-4	NNE	5	c	45	75	8	8	7	-	4·6	7·8	800
17	Blacksod Point	1022·5	+14	SE	3	c	(50)	75	7	5	3	-	4·6	9	2500
18	Malin Head ...	1023·1	+4	SE	1	c	50	92	6	5	-	-	9	9	2500
	Aldergrove ...	1023·3	0	ENE	2	c	53	65	6	5	-	-	10	10	4000
19	Birr Castle ...	1022·0	+6	NW	1	c	55	85	8	6	-	-	10	10	2500
20	Valentia Obsy. †	1022·1	+14	E	3	$r_o r_o$	54	65	6	6	2	-	4·6	10	2500
	Roches Point	1022·0	+6	E	3	c	52	92	7	5	-	-	10	10	2500

Dist.	Stations.	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)	°Temp. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1020·2	-4	NNW	3	bc	54	45	7	1	-	-	2·3	2·3	2500	1	*
	Croydon ...	1019·6	-4	N	3	b	53	45	6	1	-	-	1	1	5700	1	*
	S. Farnborough	1020·1	-2	N	3	b	55	45	8	1	-	-	Tr	Tr	5700	1	*
	Boscombe Down	1020·4	-4	NE	2	b	56	45	7	-	-	-	0	0	-	0	*
	Calshot (Sthmtn.)	1020·2	-2	N	3	b	58	35	8	-	-	-	0	0	-	1	2
	Lympne ...	1020·3	+2	NNE	4	bc	49	55	9	7	-	-	4·6	4·6	2500	0	2
	Manston ...	1019·9	-2	N'E	4	bc	48	65	8	7	-	-	4·6	4·6	2500	0	*
2	Shoeburyness ...	1020·9	0	NNW	2	b	48	65	8	1	-	-	Tr	Tr	4000	0	*
	Felixstowe ...	1020·3	+4	NNW	4	bc	45	65	8	5	-	-	4·6	4·6	1500	1	2
	Gorleston ...	1019·8	0	NW	5	c	45	65	7	8	-	-	10	10	2500	0	3
	Mildenhall ...	1021·2	-4	NNE	4	bc	46	65	9	1	4	-	Tr	2·3	5700	0	*
	Cranwell ...	1021·4	-2	N'E	3	b	49	65	9	7	-	-	Tr	Tr	4000	0	*
3	Birmingham ...	1020·6	-4	ENE	2	2_o	54	45	6	-	-	-	0	0	-	1	*
4	Upper Heyford	1020·7	-4	N'E	3	b	53	55	7	-	-	-	0	0	-	0	*
	Ross-on-Wye	1020·3	-8	NW	2	bc	56	65	8	5	-	-	2·3	2·3	5700	0	*
5	Portland Bill ...	1021·0	+10	NW	2	bc	50	85	8	1	-	-	4·6	4·6	2600	0	2
	Plymouth ...	1021·8	-2	SW	1	2_o	51	92	6	5	-	-	10	10	2500	1	1
	The Lizard ...	1024·9	0	SWW	2	df	48	97	5	5	-	-	10	10	800	1	2
	Scilly (St. Mary's)	1022·5	+2	-	0	c	51	92	7	5	-	-	10	10	2500	0	1
	Guernsey ...	1021·2	-2	-	0	b	53	45	9	-	-	-	0	0	-	0	0
6	Pembroke ...	1021·6	0	NW	1	2_o	51	86	6	5	2	-	4·6	10	4000	0	1
7	Holyhead ...	1022·3	+2	N'E	2	c	48	75	8	5	-	-	10	10	7200	0	1
	Chester (Sealand)	1021·7	0	W'N	4	bc	51	45	7	5	-	-	2·3	2·3	5700	1	*
8	Manchester ...	1020·8	-2	NW	4	bc	55	45	8	5	-	-	2·3	2·3	5700	0	*
10	Spurn Head ...	1020·4	-2	N'W	6	q	45	65	8	5	7	-	7·8	9+	1500	0	4
	Catterick ...	1022·7	+6	NE'N	3	bc	46	65	8	4	6	-	4·6	4·6	2500	1	*
	Tynemouth ...	1022·5	0	NNW	4	c	44	75	8	2	-	-	7·8	7·8	1500	1	2
11	Inchkeith ...	1023·4	-4	ENE	3	c	45	86	8	8	-	-	9	9	4000	0	2
12	Leuchars ...	1023·7	+2	ESE	2	bc	46	75	8	7	-	-	4·6	4·6	4000	1	*
	Renfrew (Abbotsl.)	1021·8	-10	WNW	3	bc	57	65	8	7	-	-	2·3	2·3	4000	0	*
	Eskdalemuir ...	1021·9	-2	ENE	4	bc	53	45	9	4	-	-	2·3	2·3	4000	0	*
	Point of Ayre ...	1022·8	-4	NW'N	3	c	48	85	8	5	-	-	9	9	4000	0	1
13A	Tiree	1023·7	0	N	2	c	49	85	7	5	3	-	1	7·8	2500	0	2
13B	Stornoway ...	1025·7	0	NE	6	b	45	75	9	1	-	-	Tr	Tr	5100	1	3
15	Dalwhinnie ...	1024·1	+2	NE	3	b	49	45	8	-	6	-	0	Tr	-	0	§ *
	Aberdeen ...	1024·1	+2	NNW	4	c	44	65	8	7	-	-	7·8	7·8	4000	1	2
16	Wick ...	1025·3	0	NE	4	c	43	75	8	8	7	-	4·6	7·8	1500	1	2
	Lerwick ...	1023·5	0	NNW	6	c	45	75	8	8	-	-	7·8	7·8	1500	0	*
17	Blacksod Point	1024·2	+18	NW	3	bc	56	75	7	4	3	-	4·6	4·6	1500	0	2
18	Malin Head ...	1023·2	+4	SE	1	c	49	97	6	4	-	-	7·8	7·8	2500	0	1
	Aldergrove ...	1023·0	-2	-	0	2_o	54	65	6	5	-	-	10	10	4000	1	*
19	Birr Castle ...	1022·2	+2	SSW	1	c	59	75	8	5	-	-	9+	9+	2500	1	*
20	Valentia Obsy. †	1024·3	+10	W'N	3	c	52	92	6	5	-	-	10	10	800	1	1
	Roches Point	1022·8	+6	N'E	3	c	53	92	7	5	-	-	10	10	2500	0	2

Dist.	Stations.	PAST 24 HOURS. Weather. 7h.–13h. 25th. (37)	13h.–18h. 25th. (38)	18h. 25th to 1h. 26th. (39)	1h.–7h. 26th. (40)
1	London (Kew)	by	bby	bcby	bcz_o
	Croydon ...	$bz_o y$	$bz_o by$	$byz_o b_2 c$	cbcb
	S. Farnborough	by	by	ybbc	bcbx
	Boscombe Down	b	b	bbcb	$bbcm_o$
	Calshot (Sthmtn.)	cybc	by	byb	bwbc
	Lympne ...	bbc	bcy	bcbwc	$cbcw_2 b$
	Manston ...	bccqbc	bcybc	bccbc	bcbcq
2	Shoeburyness ...	bbcy	bcyb	bx	bxcbc
	Felixstowe ...	cybcy	bcy	cbc	$bccpr_o$
	Gorleston ...	cq	cq	cprq	cpreq
	Mildenhall ...	c	cybcb	bbcb	$bwcd_o$
	Cranwell ...	$m_o bcy$	bcyb	bbcb	$bbcm_o c$
3	Birmingham ...	bcb	bzy	bbc	bcb
4	Upper Heyford	by	by	bybw	bw
	Ross-on-Wye	cybcyby	bycyb	bycb	$bmwbm_o$
5	Portland Bill ...	bcb	bcbc	bcc	cbcb
	Plymouth ...	cm_o	com_o	$Com_o c$	cm_o
	The Lizard ...	co	$pr_2 fd$	dfocw	cm
	Scilly (St. Mary's)	c	c	cir_o	cm_o
	Guernsey ...	cbcb	b	bbcbw	bwbcc
6	Pembroke ...	cz_o	$cz_o c$	cz_o	c
7	Holyhead ...	cy	cy	c	cbw
	Chester (Sealand)	$cz_o ybc$	$bcz_o y$	$bybcz_o$	$bcbm_o w$
8	Manchester ...	$cbz_o by$	bbcy	bc	bcb
10	Spurn Head ...	cq	cq	cq	oq
	Catterick ...	$cwbcz_o$	$z_o bybc$	bcc	c
	Tynemouth ...	cbc	bcc	bco	c
11	Inchkeith ...	bc	bcc	cbc	bc
12	Leuchars ...	bxbcb	bybc	bcbbx	bxb
	Renfrew (Abbotsl.)	cy	cbcy	$bcbm_o$	$bmfxm_o$
	Eskdalemuir ...	cbcey	bcbey	bcb	bxb
	Point of Ayre ...	oc	coc	cbcbc	bc
13A	Tiree	c	c	cbc	bcbw
13B	Stornoway ...	b	b	bbc	bc
15	Dalwhinnie ...	bcb	b	*	c
	Aberdeen ...	cbccy	cybc	$bcb_2 c$	c
16	Wick ...	$cpr_o c$	c	c	c
	Lerwick ...	c	$bcpr_o$	c	c
17	Blacksod Point	c	bc	bc	c
18	Malin Head ...	$cz_o z_o$	$cz_o z_o$	c	$bcbz_o$
	Aldergrove ...	$ccycm_o$	cm_o	cm_o	$cbcbm_o$
19	Birr Castle ...	c	c	c	c
20	Valentia Obsy. †	$cr_o r_o$	$cr_o c$	cbcof	afomc
	Roches Point	c	c	cw	c

§ The observations entered in cols. 15–30 refer to 17h in this report.

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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. „ wet.
2 .. „ flooded.
3 .. „ frozen hard and dry.
4 .. „ partly covered with snow or hail.
5 .. „ covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. „ covered with snow, less than 6 ins., deep but ground not frozen.
8 .. „ covered with snow, less than 6 ins., but ground frozen.
9 .. „ covered with snow greater than 6 ins. deep.

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

† See disturbance reported from Dungeness.

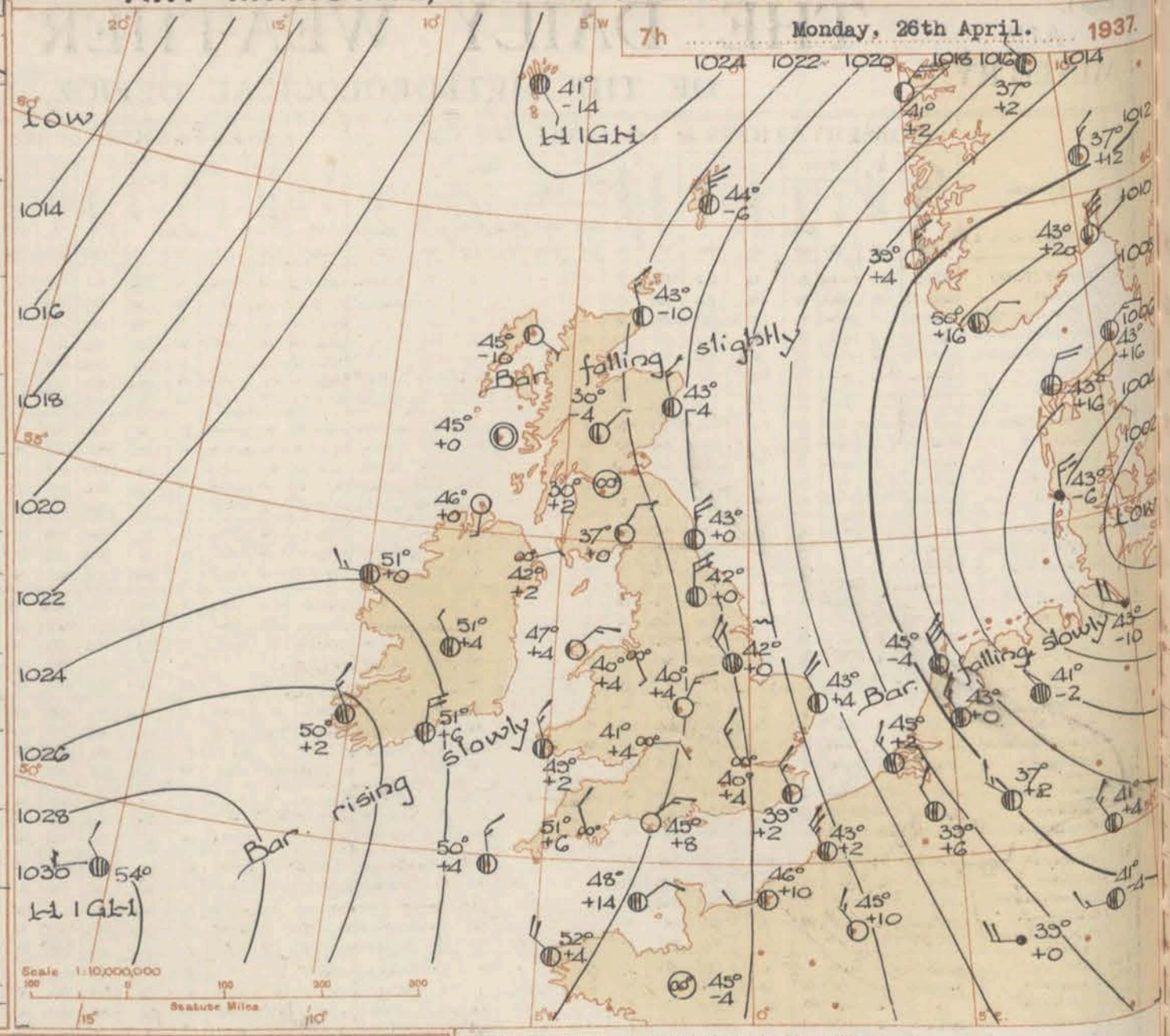
REPORTS from HEALTH RESORTS for 25th. April 1937.

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (F) Min. 9h. 24th. to 9h. 26th.	Temperature (F) Max. 9h.—17h. 26th.	Rainfall (mm) Night. 17h. 24th. to 9h. 26th.	Rainfall (mm) Day. 9h.—17h. 25th.	Sunshine (Hrs) Sunrise to 17h. 25th.	Sunshine (Hrs) Sunrise to Sunset. 24th.
1	Tunbridge W.	bbc	bc	34	55	-	-	12·0	2·8
	Bournemouth	b	b	46	63	-	-	8·8	2·6
	Ventnor ...	b	b	43	60	-	-	12·5	3·2
	Southsea ...	b	b	43	61	-	-	12·0	2·3
	Bognor Regis	b	b	41	60	-	-	11·3	2·0
	Littlehampton	b	b	40	60	-	-	11·3	0·3
	Worthing ...	b	b	41	56	-	-	12·1	0·6
	Brighton ...	b	b	40	58	-	-	11·8	2·3
	Eastbourne† ...	by	byb	40	59	-	-	11·8	3·6
	Hastings† ...	b	b	37	56	-	-	12·0	7·3
	Folkestone ...	bbccbc	bcbb	38	53	-	-	11·4	13·1
	Dover ...	ycbc	bcy	40	54	-	-	9·3	13·1
	Deal	bccbc	bcb	39	52	—	—	8·4	13·3
	Ramsgate ...	bc	bc	42	51	-	-	9·8	13·2
	Margate ...	bc	bc	42	49	-	-	10·6	13·5
2	Southend ...	b	b	37	55	-	-	11·4	9·1
	Maldon ...	b	b	39	51	-	-	11·5	10·7
	Clacton-on-Sea	bc	bc	36	52	-	-	11·0	13·3
	Dovercourt ...	bc	bc	39	56	-	-	10·7	13·9
	Lowestoft ...	c	c	38	47	-	-	0·1	13·8
	Skegness ...	bc	bc	37	48	-	-	5·2	13·8
	Mablethorpe...	coc	coc	37	48	-	-	2·2	13·8
	Cleethorpes ...	bcv	bcv	39	50	-	-	7·1	9·3
3	Leamington S.	b	b	42	58	-	-	12·0	0·0
4	Cheltenham†	cbcb	bz.	45	61	-	-	5·3	0·0
5	Bath	cbcb	b	47	62	-	-	6·5	0·0
	Weymouth ...	cb	by	43	60	-	-	7·2	6·3
	Jersey ...	bc	b	46	58	-	-	11·1	10·7
	Torquay ...	wobc	bbco	47	56	-	-	3·1	9·1
	Penzance ...	c	c	46	53	-	-	0·0	12·5
	St. Ives ...	c	o	49	53	-	-	0·0	12·4
	Bude... ...	md	o	46	56	1	-	0·0	7·0
	Ilfracombe ...	oco	ocbco	49	55	-	-	1·4	5·2
6	Aberystwyth	zc	cz	50	55	-	-	0·0	0·0
7	Llandudno ...	c	cbc	48	55	-	-	2·5	0·0
	Colwyn Bay...	cocc	cobcb	48	53	-	-	3·5	0·0
	Rhyl	cm.	cbc	47	54	-	-	3·7	0·0
8	Wallasey ...	cbc	bcb	47	54	-	-	5·5	0·0
	Southport ...	cbcb	b	45	57	-	-	6·5	0·0
	Blackpool ...	cbc	bcb	48	54	-	-	6·7	0·0
	Morecambe ...	b	b	45	56	-	-	11·4	2·4
9	Ilkley... ...	b	b	37	56	-	-	11·5	0·6
	Harrogate ...	b	b	36	51	-	-	10·3	2·1
10	Berwick-on-T.	bc	bcc	41	47	-	-	7·5	2·5
11	Dunbar ...	bc	bc	41	45	-	-	9·4	0·3
12	Troon... ...	ocbcc	ccbc	45	53	-	-	0·3	0·0
	Douglas ...	cwz.	cbz.	45	52	-	-	2·0	0·6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Monday, 26th April. 1937.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
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, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Moderate or fresh northerly winds; bright periods but occasional light rain or drizzle in places, local mist at night; average temperature, local ground frost at night.
4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England	Light or moderate northerly winds; bright periods, local mist at night; average temperature, local ground frost at night.
9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	As 1 - 3.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. / B.N.W.Scotland.	Light variable winds, becoming southwest later with occasional light rain or drizzle in places; average temperature.
14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Moderate northerly winds, falling light; fair periods and occasional light rain or drizzle; average temperature, local frost at night.
17 N. W. Ireland 18 N. E. Ireland	As 12 - 13B.
19 S. E. Ireland 20 S. W. Ireland	As 4 - 8.

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

GENERAL INFERENCE.

A depression southwest of Iceland is moving northeast and another over the Baltic is almost stationary. There will be bright periods in most districts but occasional drizzle in places, chiefly in the East. In the Northwest there may be some light rain later. Temperatures will be about the average for the season.

FURTHER OUTLOOK.

Mainly fair, probably becoming milder.

Forecasts issued at 0950 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

Morning of

MONDAY,
26TH APRIL.

1937.

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

Clarke's Projection. Scale 1: 4·X10⁷ 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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol:—◎

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS:— ○Clear sky. ◔Sky less than 3/10 clouded. ◑Sky 4/10 to 6/10 clouded. ◕Sky 7/10 to 9/10 clouded. ●Overcast sky. ●Rain falling. ✱Snow. ✱Sleet. △Hail. ≡ Fog. ≡ Mist. (ϟ)Thunder. ϟ Thunderstorm. ∞Slight haze

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 26th April, 1937.

No. 27549.

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	Temp. °F.	% Humid.	Visibility. 0–9	Cloud. Form. Low.	Form. Med.	Form. High	Amount. Low 0–10	Amount. Total 0–10	Height of Base. (feet)
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1020·1	-10	N'W	4	c	44	65	7	5	3	-	7-8	8	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1020·1	-10	NW	2	c	38	85	7	5	-	-	9+	9+	2500
	Manston ...	142	1018·5	-10	NW'N	5	q	42	65	8	5	-	-	4-6	4-6	2500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1017·8	-10	NNE	4	c/pr	41	85	7	6	-	-	9	9	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1020·2	+6	N	2	c	49	92	6	4	4	-	4-6	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1022·5	-4	WNW	2	c	49	92	7	5	-	-	10	10	1500
	Scilly (St.Mary's)	163	1023·5	0	NW'N	3	c	50	97	6	5	-	-	10	10	2500
	Guernsey ..	175	1020·0	-6	WNW	1	b	49	97	6	-	1	-	0	1	-
6	Pembroke ...	142	1022·8	+4	NNE	4	c	49	85	6	5	-	-	9+	9+	2500
7	Holyhead ...	26	1022·6	+2	N	3	c	46	75	8	5	-	-	10	10	4000
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1018·9	-10	NNW	6	q	43	75	8	4	7	-	7-8	9	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1021·8	-10	N	4	o	41	75	7	6	-	-	10	10	800
11	Inchkeith ...	190	1024·3	+2	E	2	bc	40	85	8	5	-	-	2-3	2-3	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1023·8	+6	E	3	bc	44	92	6	-	3	-	0	4-6	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1024·7	-6	NE	3	bc	69	92	8	1	7	-	2-3	4-6	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1025·1	-6	NNW	3	c	40	92	8	8	7	-	7-8	10	1500
16	Lerwick ...	156	1023·3	-6	N	5	c	43	75	6	8	7	-	7-8	9+	1500
17	Blacksod Point	18	1025·1	+4	NW	3	bc	50	92	7	-	-	3	0	4-6	-
18	Malin Head ...	84	1023·7	-6	E	1	c	47	97	7	5	7	-	4-6	9	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1025·7	0	-	0	F	47	97	1	-	-	-	10	10	450
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	Temp. °F.	% Humid.	Visibility. 0–9	Cloud. Form. Low.	Form. Med.	Form. High	Amount. Low 0–10	Amount. Total 0–10	Height of Base (feet)	State of Ground. 0–9	Sea. 0–9 *
		(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	London (Kew)	1020·6	+6	NNW	3	z_o	42	75	6	5	-	-	2-3	2-3	2500	1	*
	Croydon ...	1020·3	+4	NW'N	3	z_o	40	75	6	5	4	-	7-8	7-8	2500	1	*
	S. Farnborough	1021·0	+2	NW'N	2	b	41	75	7	1	-	1	Tr	1	1500	0	*
	Boscombe Down	1022·1	+6	N	3	z_o	39	85	6	5	-	-	4-6	4-6	4000	1	*
	Calshot (Sthmtn.)	1021·4	+10	NNW	3	z_o	42	75	7	5	3	-	2-3	4-6	2500	1	2
	Lympne ...	1019·1	+2	NW'N	4	bc	39	75	6	1	3	-	4-6	4-6	1500	0	1
	Manston ...	1018·3	+6	NW	5	q	41	85	8	7	-	-	9+	9+	1500	1	*
2	Shoeburyness ...	1018·3	0	NW	4	bc	41	75	7	8	-	-	4-6	4-6	4000	1	*
	Felixstowe ...	1018·3	+4	NW	3	pr$_o$	41	92	8	5	-	-	9+	9+	1500	1	3
	Gorleston ...	1017·8	+4	NW'N	4	c	43	85	6	8	-	-	9+	9+	2500	1	3
	Mildenhall ...	1019·0	0	NW	4	id$_o$	40	92	6	6	2	-	7-8	10	1500	1	*
	Cranwell ...	1020·2	0	NW	4	o	42	75	7	5	-	-	10	10	2500	0	*
3	Birmingham ...	1022·4	+4	NNE	3	b	40	65	6	-	3	-	0	1	-	1	*
	Upper Heyford	1021·9	+2	NW	3	b	40	75	7	-	7	-	0	1	-	0	*
4	Ross-on-Wye	1022·1	+4	E	2	z_o	41	85	6	5	-	-	7-8	7-8	5700	0	*
5	Portland Bill ...	1021·6	+8	NE	3	b	45	85	7	-	-	-	0	0	-	0	3
	Plymouth ...	1022·1	+6	NW'N	2	z_o	51	92	6	-	3	-	0	9+	-	1	0
	The Lizard ...	1022·1	+2	NNE	4	c	51	92	6	5	2	-	7-8	9+	2500	1	3
	Scilly (St.Mary's)	1023·6	+4	N'W	3	c	50	97	6	5	-	-	10	10	2500	1	2
	Guernsey ..	1021·8	+14	NE'E	2	c	46	85	7	7	5	-	4-6	9	2500	0	1
6	Pembroke ...	1022·2	+2	NNW	3	c	49	75	7	5	-	-	9+	9+	4000	0	1
7	Holyhead ...	1022·5	+4	NE	3	b	47	85	7	-	-	6	0	1	-	0	1
	Chester(Sealand)	1022·7	+4	SE'S	1	z_o	40	85	5	-	-	-	0	0	-	1	*
8	Manchester ...	1022·7	+4	-	0	z_o	36	75	5	-	-	-	0	0	-	1	*
10	Spurn Head ...	1018·1	-4	NNW	6	q	43	85	7	5	-	-	10	10	1500	0	4
	Catterick ...	1021·7	0	N	4	c	42	75	8	6	-	-	10	10	2500	1	*
	Tynemouth ...	1020·8	0	N	5	c	43	75	7	9	-	-	9	9	800	1	2
11	Inchkeith ...	1023·5	-2	NNE	2	bc	40	92	8	8	-	-	2-3	2-3	2500	0	1
	Leuchars ...	1022·8	-6	WSW	2	b	36	85	9	4	-	1	Tr	Tr	4000	1	*
12	Renfrew (Abbots L.)	1023·5	+2	-	0	b/f	39	97	5	-	-	-	0	0	-	0	*
	Eskdalemuir ...	1023·2	0	NNE	2	b	37	85	8	1	-	1	Tr	Tr	2500	0	*
	Point of Ayre...	1023·5	+2	E	1	b	43	85	8	-	4	3	0	1	-	0	1
13A	Tiree	1023·4	0	-	0	b	45	97	8	-	-	6	0	0	-	0	1
13B	Stornoway ...	1023·5	-10	ESE	1	bc	45	85	8	1	5	-	Tr	Tr	2500	1	1
15	Dalwhinnie ...	*	-4	NE	1	bc	30	92	8	4	6	-	1	2-3	4000	5	*
	Aberdeen ...	1021·9	-4	NNW	3	c	43	65	8	5	-	-	9+	9+	2500	0	2
	Wick ...	1023·2	-10	NNW	3	c	43	75	6	8	7	-	7-8	9	1500	1	2
16	Lerwick ...	1021·9	-6	N	5	c	44	86	8	5	3	-	7-8	9+	1500	0	*
17	Blacksod Point	1023·9	0	W	3	c	51	92	7	5	-	-	10	10	800	0	2
18	Malin Head ...	1023·4	0	S	1	b	46	97	6	-	-	-	0	0	-	0	0
	Aldergrove ...	1023·7	+2	ENE	1	z_o	42	92	6	6	-	-	Tr	Tr	2500	1	*
19	Birr Castle ...	1023·8	+4	NNW	1	c	51	92	8	5	7	-	7-8	9+	2500	1	*
20	Valentia Obsy. †	1026·6	+2	NW'N	3	c	50	97	6	5	-	-	10	10	450	1	1
	Roches Point	1024·4	+6	N	4	c	51	92	7	5	-	-	9	9	2500	0	2

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F.	Min. Night 18h–7h °F.	Min. on Grass °F.	Rainfall. Day 7h–18h mm.	Rainfall. Night 18h–7h mm.	Sunshine Hrs.
		(31)	(32)	(33)	(34)	(35)	(36)
1	London (Kew)	55	36	31	-	-	13·3
	Croydon ...	55	39	35	-	-	13·3
	S. Farnborough	60	36	28	-	-	13·1
	Boscombe Down	58	35	32	-	-	10·8
	Calshot (Sthmtn.)	60	41	38	-	-	12·7
	Lympne ...	51	36	32	-	-	13·3
	Manston ...	51	40	38	-	-	11·8
2	Shoeburyness ...	55	37	29	-	-	12·6
	Felixstowe ...	52	39	36	-	Tr	10·6
	Gorleston ...	46	40	39	-	1	0·3
	Mildenhall ...	50	36	31	-	Tr	9·8
	Cranwell ...	58	36	32	-	-	11·7
3	Birmingham ...	58	38	32	-	-	12·1
	Upper Heyford	56	35	28	-	0·1	*
4	Ross-on-Wye	61	37	29	-	-	7·1
5	Portland Bill ...	56	42	*	-	-	*
	Plymouth ...	55	49	48	-	-	0·0
	The Lizard ...	51	47	*	0·3	Tr	*
	Scilly (St.Mary's)	53	49	*	-	Tr	0·0
	Guernsey ..	55	47	42	-	-	11·5
6	Pembroke ...	54	46	*	-	-	0·0
7	Holyhead ...	53	42	33	-	-	0·0
	Chester(Sealand)	57	36	28	-	-	7·3
8	Manchester ...	55	32	24	-	-	12·4
10	Spurn Head ...	48	41	*	-	-	2·0
	Catterick ...	52	38	35	-	-	9·6
	Tynemouth ...	45	40	38	-	-	7·3
11	Inchkeith ...	51	38	35	-	-	11·0
	Leuchars ...	52	30	20	-	-	12·5
12	Renfrew (Abbots L.)	50	28	24	-	-	4·9
	Eskdalemuir ...	55	29	23	-	Tr	5·6
	Point of Ayre...	51	41	*	-	-	0·9
13A	Tiree	53	37	29	-	-	0·9
13B	Stornoway ...	49	36	*	-	-	13·8
15	Dalwhinnie ...	54	21	12	-	-	10·8
	Aberdeen ...	47	40	37	-	-	3·8
	Wick ...	46	43	*	Tr	-	*
16	Lerwick ...	46	41	*	Tr	-	8·6
17	Blacksod Point	60	46	*	-	-	*
18	Malin Head ...	51	41	*	-	-	0·0
	Aldergrove ...	56	39	33	-	-	0·0
19	Birr Castle ...	60	50	47	-	-	0·0
20	Valentia Obsy. †	57	47	45	1	Tr	0·2
	Roches Point	53	51	*	-	Tr	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather Morning.	Weather Afternoon.	Weather Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	bby	bbcy	bcybcz$_o$	55	38	31	-	-	13·3	*	*	6
Croydon	217	bz$_o$c	bz$_o$bcy	bcybcbcb	56	39	36	-	-	13·3	*	*	6
Greenwich (Royal Observatory)...	149	bc	by	bcybc	56	38	31	-	-	13·0	45	68	6
City (Bunhill Row)	...	*	*	*	*	*	*	*	*	12·6	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	58	39	34	-	-	13·1	47	66	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	57	37	32	-	-	13·0	57	75	*
Carden Square	110	b	b	*	58	38	33	-	-	*	*	63	*
Kensington	80	b	b	*	57	39	31	-	-	13·2	At 18h. 49	62	*
Hampstead Observatory	450	bc	bc	bcc	54	43	35	-	-	13·0	*	70	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 26th

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

Kew Observatory. Max.	Time.	Min.	Time.
0·1	19hrs 25th	<0·1	7hrs 25th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 25th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 26th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1019·0	NNW	3	c	50	1018·6	NW	3	b	45
Brussels	1016·3	NW'N	4	id	43	1015·1	NW	2	c/pr	39
Berlin	1005·4	NW	2	r$_o$r$_o$	46	1003·7	W'S	3	ir$_o$	43
Zürich						1012·8	W	3	c	41
Rome	1005·1	S	2	c	57	*	*	*	b	30

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
37	41	-	Tr
45	36	0·1	3
52	43	3	4
*	*	*	-
*	*	-	Tr

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday. 27th April, 1937.
No. 27550.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	°Temp.	%Humid.	Visibility 0–9	Cloud. Form. Low	Form. Med.	Form. High	Amount. Low 0–10	Amount. Total 0–10	Height of Base (feet)
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	London (Kew)	1020·1	−6	NNW	3	z_o	48	55	6	5	-	-	9	9	2500
	Croydon ...	1019·8	−6	N	4	z_o	47	55	6	5	-	-	9+	9+	2500
	S. Farnborough	1020·0	−10	NNW	3	bc	53	45	7	1	-	-	2·3	2·3	4000
	Boscombe Down	1020·5	−16	NNW	4	b	52	55	7	1	-	-	1	1	2500
	Calshot (Sthmtn.)	1020·4	−14	NW	4	bc	53	55	7	1	-	-	2·3	2·3	2500
	Lympne ...	1019·4	+2	NW'N	4	c	43	75	7	5	-	-	10	10	1500
	Manston ...	1018·3	+2	NNW	4	c	45	65	8	5	-	-	10	10	1500
2	Shoeburyness ...	1019·4	0	NW	4	c	46	65	8	5	-	-	10	10	1500
	Felixstowe ...	1018·2	+2	NW'N	5	c/pr	48	65	8	5	3	-	9+	9+	1500
	Gorleston ...	1016·7	0	NW	5	pr_o	46	75	6	6	-	-	10	10	2500
	Mildenhall ...	1019·2	−4	NNW	5	c	46	65	8	5	-	-	10	10	2500
	Cranwell ...	1020·0	−6	NW'N	4	c	47	65	8	5	-	-	9+	9+	2500
3	Birmingham ...	1019·5	−14	NW	3	b	52	55	7	-	3	-	0	1	-
4	Upper Heyford	1020·3	−18	NNW	4	z_o	52	55	6	1	-	-	1	1	4000
	Ross-on-Wye	1019·9	−16	N'W	4	b	57	45	7	1	-	-	Tr	Tr	4000
5	Portland Bill ...	1021·1	−6	SW	3	bc	48	92	8	4	-	-	2·3	2·3	2500
	Plymouth ...	1021·2	−10	NW'N	3	bc	59	65	8	8	4	-	2·3	4·6	4000
	The Lizard ...	1023·0	−6	WNW	4	bc	57	66	7	7	-	-	4·6	4·6	2500
	Scilly (St.Mary's)	1024·1	−2	N'W	2	c	54	92	6	5	-	-	10	10	2500
	Guernsey ...	1021·7	0	ENE	1	bc	52	75	7	1	1	-	Tr	2·3	2500
6	Pembroke ...	1021·8	−2	NNW	2	z_o	54	75	6	5	-	-	2·3	2·3	4000
7	Holyhead ...	1021·9	−6	N'W	2	b	50	75	8	-	-	1	0	1	-
	Chester(Sealand)	1021·2	−14	WNW	5	b	50	55	8	-	-	-	0	0	-
8	Manchester ...	1020·3	−14	WNW	3	b	53	55	7	5	-	-	1	1	4000
10	Spurn Head ...	1018·5	0	NNW	7	q	47	75	6	4	3	-	4·6	7·8	2500
	Catterick ...	1020·0	−14	NE'N	4	bc	51	65	7	1	-	-	2·3	2·3	4000
	Tynemouth ...	1020·0	−8	N	6	bc	44	75	8	7	-	-	4·6	4·6	2500
11	Inchkeith ...	1021·3	−14	E	2	bc	49	85	8	5	-	-	2·3	2·3	2500
12	Leuchars ...	1021·2	−10	E	3	b	53	45	8	-	-	-	0	0	-
	Renfrew (Abbots I.)	1020·0	−22	NW	3	b	60	45	8	-	-	-	0	0	-
	Eskdalemuir ...	1019·1	−16	NNW	3	b	57	25	8	-	-	-	0	0	-
	Point of Ayre ...	1021·5	−12	WNW	4	bc	54	85	8	5	-	-	2·3	2·3	2500
13A	Tiree	1022·0	−4	WNW	2	bc	54	55	8	1	3	6	2·3	2·3	4000
13B	Stornoway ...	1022·9	−6	SSE	3	c	48	75	9	-	5	4	0	7·8	-
15	Dalwhinnie ...		−10	N	3	b	57	15	8	-	-	1	0	Tr	-
	Aberdeen ...	1020·8	−10	NNW	4	bc	48	65	8	5	-	-	4·6	4·6	2500
16	Wick ...	1021·6	−8	ENE	3	bc	45	85	8	7	7	-	2·3	4·6	2500
	Lerwick ...	1020·7	−12	N	5	bc	45	75	8	5	7	9	2·3	4·6	2500
17	Blacksod Point	1024·3	−8	W	4	jp	53	85	8	-	3	-	0	4·6	-
18	Malin Head ...	1022·7	−6	W'S	3	c	51	97	6	5	-	-	9+	9+	800
	Aldergrove ...	1022·0	−10	WNW	2	bc	58	75	7	7	-	-	4·6	4·6	2500
19	Birr Castle ...	1023·8	−2	NW	1	c	54	85	8	5	-	-	10	10	2500
20	Valentia Obsy. †	1026·9	−6	NW	3	c	53	75	8	5	7	6	1	7·8	1500
	Roches Point	1024·6	−4	N	3	c	57	85	8	5	-	-	7·8	7·8	2500

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

District	Stations.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	°Temp.	%Humid.	Visibility 0–9	Cloud. Form. Low	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)	1018·5	−6	NNE	3	z_o	51	55	6	-	-	-	0	0	-	1	*
	Croydon ...	1018·3	−6	NE'N	2	z_o	51	55	5	-	-	-	0	0	-	1	*
	S. Farnborough	1018·2	−8	N	2	z_o	54	55	6	-	-	-	0	0	-	0	*
	Boscombe Down	1018·1	−14	NNW	4	b	57	45	7	-	-	-	0	0	-	0	*
	Calshot (Sthmtn.)	1018·3	−10	NW'N	4	b	57	45	7	-	-	-	0	0	-	1	*
	Lympne ...	1018·6	−2	NNW	3	bc	45	65	7	5	-	-	2·3	2·3	2500	0	2
	Manston ...	1017·7	−6	NW'N	4	c	46	65	8	5	-	-	7·8	7·8	2500	1	*
2	Shoeburyness ...	1018·6	−6	NNW	2	b	47	65	8	1	-	-	Tr	Tr	4000	0	*
	Felixstowe ...	1017·9	−4	NW'N	5	pr.	45	65	7	5	2	-	7·8	9+	1500	1	3
	Gorleston ...	1016·8	0	NW'N	5	c/pr	44	85	6	6	-	-	10	10	2500	1	3
	Mildenhall ...	1018·5	−2	N'W	5	b	48	65	8	1	-	-	1	1	2500	0	*
	Cranwell ...	1019·0	−2	N	4	b	48	65	8	1	-	-	Tr	Tr	4000	0	*
3	Birmingham ...	1018·5	+2	NNW	3	z_o	52	55	6	-	3	-	0	1	-	1	*
4	Upper Heyford	1018·8	0	NE	3	z_o	51	65	6	-	-	-	0	0	-	0	*
	Ross-on-Wye	1018·9	−6	N	4	b	56	25	8	1	-	-	Tr	Tr	4000	0	*
5	Portland Bill ...	1018·8	−8	WSW	2	b	49	92	8	-	-	-	0	0	-	0	2
	Plymouth ...	1020·4	0	NW	4	bc	57	75	7	4	4	-	4·6	4·6	4000	1	2
	The Lizard ...	1021·3	−2	NW'W	3	bc	55	85	7	7	6	-	4·6	4·6	2500	0	2
	Scilly (St.Mary's)	1023·0	−4	NNW	4	bc	53	92	6	5	-	-	4·6	4·6	2500	0	2
	Guernsey ...	1020·7	−6	W'S	2	b	53	75	6	-	-	-	0	0	-	0	1
6	Pembroke ...	1020·2	−6	N	2	bc	55	65	67	5	7	1	2·3	4·6	5700	0	1
7	Holyhead ...	1020·8	−2	NW	2	bc	50	75	8	1	-	-	4·6	4·6	4000	0	0
	Chester(Sealand)	1020·4	−6	NW'W	4	b	51	75	7	-	-	-	0	0	-	0	*
8	Manchester ...	1019·2	−4	NW'W	4	b	51	75	7	1	-	-	Tr	Tr	4000	0	*
10	Spurn Head ...	1018·5	0	N'W	6	q	44	85	7	5	7	-	9	10	2500	0	5
	Catterick ...	1019·9	0	NW'N	3	b	46	65	7	-	-	1	0	1	-	1	*
	Tynemouth ...	1019·4	−2	N	4	bc	44	75	8	2	-	-	2·3	2·3	1500	0	2
11	Inchkeith ...	1019·5	−12	NE	2	c	46	85	8	5	-	4	2·3	7·8	2500	0	1
12	Leuchars ...	1020·1	−4	ESE	3	bc	47	65	8	-	-	6	0	2·3	-	1	*
	Renfrew (Abbots I.)	1018·2	−4	W'N	3	bc	56	65	8	-	-	6	0	4·6	-	0	*
	Eskdalemuir ...	1019·1	+6	NE	3	b	52	55	7	1	-	5	Tr	1	4000	0	*
	Point of Ayre ...	1019·9	−10	NNW	3	bc	42	97	8	5	5	4	2·3	4·6	2500	0	2
13A	Tiree	1020·3	−6	W'S	2	c	50	92	7	5	3	8	1	7·8	1500	0	1
13B	Stornoway ...	1020·4	−16	-	0	c	53	75	8	5	4	3	4·6	7·8	4000	1	0
15	Dalwhinnie ...	1018·7	−2	N	1	c	56	25	8	-	-	9	0	7·8	-	0	*
	Aberdeen ...	1019·3	−8	N	2	b	48	65	8	5	-	5	Tr	1	2500	0	2
16	Wick ...	1019·3	−10	NE	3	bc	45	85	8	7	4	9	2·3	4·6	2500	1	2
	Lerwick ...	1019·1	−16	N	4	bc	45	75	8	5	4	-	2·3	4·6	2500	0	*
17	Blacksod Point	1022·5	−18	SW	4	iD	52	92	6	6	-	-	10	10	450	1	2
18	Malin Head ...	1021·2	−6	WSW	3	bc	51	97	7	5	4	3	1	2·3	800	0	0
	Aldergrove ...	1021·3	−8	NNW	2	c	56	75	8	4	4	1	7·8	7·8	2500	1	*
19	Birr Castle ...	1022·7	−10	NW	2	c	59	65	8	5	7	-	4·6	7·8	2500	1	*
20	Valentia Obsy. †	1025·2	−10	S	1	cf	52	92	3	5	-	-	10	10	<150	1	1
	Roches Point	1023·4	−6	N'W	4	bc	57	65	9	-	4	-	0	4·6	-	0	2

PAST 24 HOURS.

Weather. 7h.–12h. 26th	12h.–18h. 26th	18h.–1h. 26th to 1h. 27th	1h.–7h. 27th
(37)	(38)	(39)	(40)
bcz,cmz	bcbz,y	bz,x	bxbcw
bccz,y	cbcz,y	bzybz$_o$	bcxcr
bbcy	bybz$_o$	ybz$_o$	bmfxm
bcm,b	b	bbm$_o$	bm$_o$
bc	bcyby	bybb	bwbcm$_o$
bcc	cbc	cbbcw	bcwxc
cr,c	cr,bc	bcc	c
bcc	cbcb	bx	bxcm$_o$
cpr,c	cpr$_o$	cpr,c	c
cqpr$_o$	opr$_o$	ocq	cqc
cid,c	b	b,c	cmf
c	cbcyb	b	bm$_o$x
b	bz	b	bbc
bbcz,y	byz$_o$	bz,cbw	bocmw
bcz,bz	by	byb	bbx
bbc	bcb	b	b
cm$_o$bbc	bcbbc	bc	cbcm$_o$c
cbc	bc	bc	bcc
cm$_o$	cbc	bcc	bccwo
cbcb	bccbc	bbw	bqw
cbc	bccz$_o$bc	cbcc	c
b	bbc	bc,bw	bwd$_o$
bm$_o$wy	by	bw	b,cwm$_o$
bz$_o$by	byb	bwcm$_o$	cm$_o$
cq	cq	qc	c
cbc	bcb	bbw	bxbcm$_o$
cbc	bc	bc	cmff
bc	bcc	cbc	bcz
by	bybbc	bc	bcxcm$_o$
xmfz$_o$by	bybcy	bccm$_o$	cm$_o$ir$_o$
bby	by	bybm$_o$b	bbcxc
bc	bc	bcfcb	co
b	bcc	cd$_o$d	crrc
bcc	c	pr$_o$c	pr$_o$c
bcb	bbc		cir
cbc	bcb	bbw	bwxbc
cbc	bc	bc	cir
cbc	bc	cbc	crrm$_o$
bc	id	df	df
bcciF	z$_o$	cdrdr	cidoz
bxcbcm$_o$	bcc	cbc	cid$_o$ir$_o$
c	c	c	cir$_o$
cbcc	cbcv	bcvc	cpr$_o$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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. ,, wet.
2 .. ,, flooded.
3 .. ,, frozen hard and dry.
4 .. ,, partly covered with snow or hail.
5 .. ,, covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 .. ,, covered with snow, less than 6 ins., but ground frozen.
9 .. ,, covered with snow greater than 6 ins. deep.

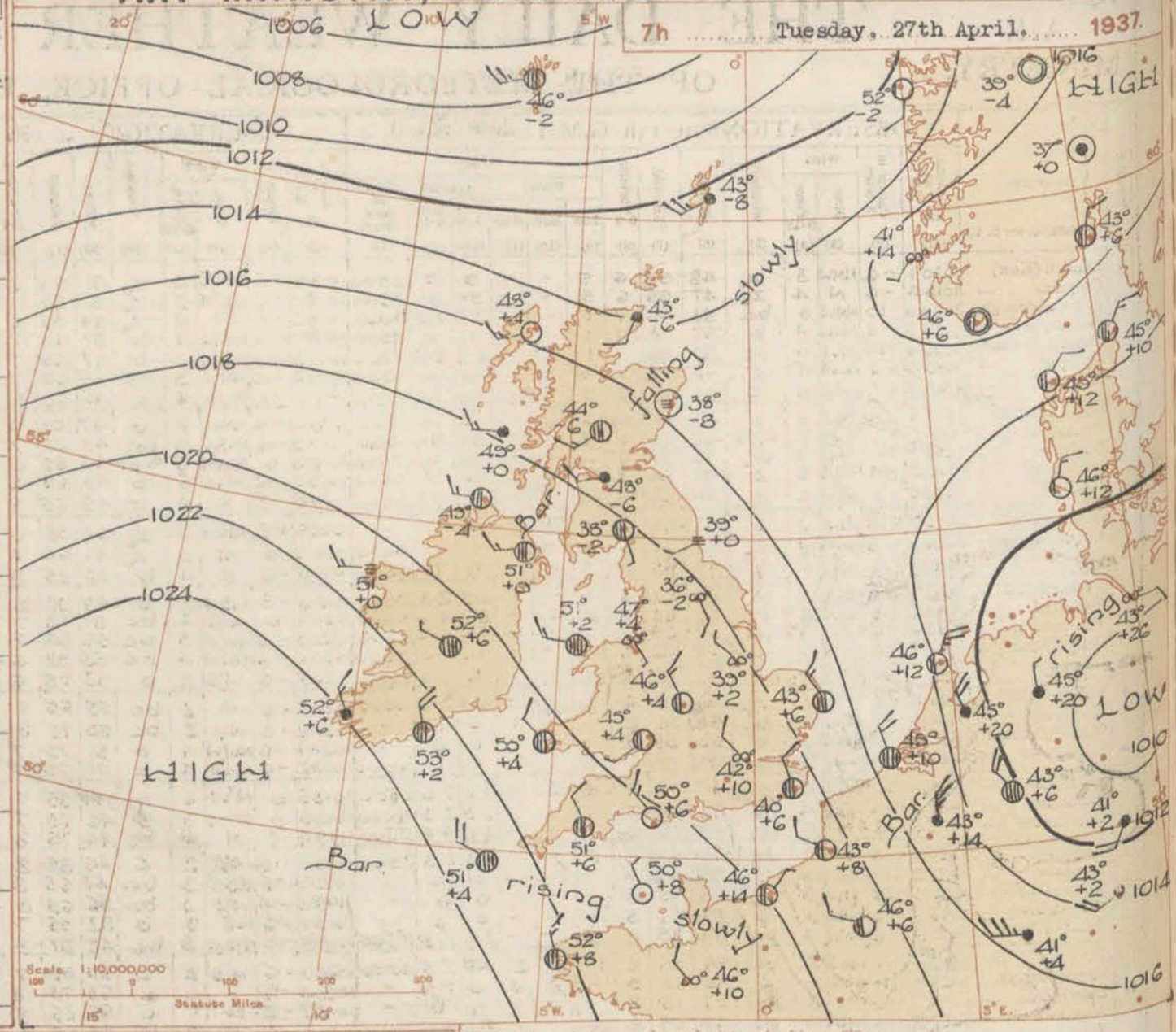
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† So. disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 26th April, 1937.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (F). Min. 8h. 25th to 9h. 26th	Temperature (F). Max. 9h.—17h. 26th	Rainfall (mm). Night. 17h. 25th to 9h. 26th	Rainfall (mm). Day. 9h.—17h. 26th	Sunshine (Hrs). Sunrise to 17h. 26th	Sunshine (Hrs). Sunrise to Sunset. 25th
1	Tunbridge W.	o	ocbcb	37	50	-	-	3·0	13·2
	Bournemouth	b	b	38	61	-	-	11·2	10·4
	Ventnor ...	xb	b	40	57	-	-	11·1	14·0
	Southsea ...	b	b	41	59	-	-	11·4	13·3
	Bognor Regis	b	b	39	57	-	-	11·7	13·6
	Littlehampton	bc	bcb	39	58	-	-	11·8	13·6
	Worthing ...	b	b	40	55	-	-	11·9	13·7
	Brighton ...	bc	b	39	55	-	-	10·1	13·1
	Eastbourne† ...	co	coby	40	53	-	-	5·3	13·0
	Hastings† ...	o	ocbc	38	50	-	-	4·2	13·5
	Folkestone ...	bcco	cor.c	37	48	-	Trace	2·3	12·6
	Dover ...	cor.	oc	40	49	-	Trace	2·3	10·9
	Deal	od.o	o	39	48	-	Trace	0·0	?
	Ramsgate ...	c	cp.c	41	48	Trace	Trace	0·6	10·8
	Margate ...	c	c	41	47	-	-	0·7	12·0
2	Southend ...	o	ocbc	37	48	-	-	2·0	12·8
	Maldon ...	co	oeb	39	48	-	-	1·4	12·6
	Clacton-on-Sea	c	cdc	37	47	Trace	Trace	0·4	12·3
	Dovercourt ...	oc	ocrbc	41	48	-	Trace	2·2	11·8
	Lowestoft ...	cir.	cir.	38	47	1	0·3	0·3	0·1
	Skegness ...	oc	cbc	40	47	0·2	-	0·8	6·3
	Mablethorpe...	oc	cbc	39	47	Trace	-	0·6	2·3
	Cleethorpes ...	c	cbc	41	47	Trace	-	1·5	7·7
3	Leamington S.	bc	bc	37	58	-	-	11·8	12·5
4	Cheltenham†	b	by	37	61	-	-	9·7	10·7
5	Bath	bcb	b	38	62	-	-	9·9	7·6
	Weymouth ...	b	b	42	60	-	-	11·3	8·7
	Jersey ...	b	b	47	57	-	-	11·4	12·8
	Torquay ...	bbcc	cbqy	50	63	0·2	-	9·6	3·1
	Penzance ...	c	bcc	50	61	-	-	2·5	0·0
	St. Ives ...	c	c	49	55	-	-	2·1	0·0
	Bude... ...	bc	bcc	49	53	0·5	-	8·2	0·0
	Ilfracombe ...	ocbc	bccoc	47	56	-	-	8·4	1·4
6	Aberystwyth	cbc	bbc	43	55	-	-	11·4	0·0
7	Llandudno ...	b	b	38	62	-	-	11·1	2·6
	Colwyn Bay...	bcb	b	38	55	-	-	11·4	3·7
	Rhyl	b	b	37	51	-	-	11·2	4·5
8	Wallasey ...	b	b	37	52	-	-	11·2	6·8
	Southport ...	b	b	36	53	-	-	11·7	8·1
	Blackpool ...	b	b	35	51	-	-	11·7	8·1
	Morecambe ...	b	b	38	57	-	-	12·0	12·5
9	Ilkley... ...	b	b	38	57	-	-	9·0	13·4
	Harrogate ...	bcb	b	38	52	-	-	9·4	12·5
10	Berwick-on-T.	bcb	b	41	47	-	-	8·8	8·2
11	Dunbar ...	bc	bc	40	48	-	-	11·9	9·6
12	Troon... ...	b	bbcb	36	54	-	-	11·2	2·4
	Douglas ...	bc	bc	36	57	-	-	10·7	2·2

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



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~ Rough. ≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 27th April, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light or moderate northwest to west winds; bright periods; becoming rather mild; local ground frost at night.
4 W. Midlands ... 5 S.W. England 6 South Wales ...	Light or moderate northwest winds, backing southwest; bright periods, becoming rather mild; local 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.	Light variable or westerly winds; fair periods; occasional light rain or drizzle; average temperature.
13 A. W. Scotld. / B.N.W.Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Moderate westerly winds, backing and freshening; fair periods; occasional rain; average temperature.
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 C&D.

GENERAL INFERENCE.

A depression over Germany is filling up and other depressions are moving northeastward over the Atlantic. There will be long bright periods in the South, but periods of rain will occur in the North. Temperatures will tend to rise in the South.

FURTHER OUTLOOK.

Mainly fair in the South with temperature tending to rise; further rain probable in the Northwest.

Forecasts issued at 10.00 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

Morning of

TUESDAY,
27TH APRIL

1937.

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

Lambert'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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 27th April, 1937.
No. 27550.

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)	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	1019·0	-2	NNE	2	Z_o	42	85	6	-	3	-	0	4·6	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1018·7	-6	NW'N	2	c	37	85	8	5	3	-	4·6	7·8	2500
	Manston ...	142	1017·8	-4	NNW	4	c	43	75	8	5	-	-	10	10	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1017·6	+2	NW'N	3	c	43	85	6	8	-	-	9+	9+	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1019·3	+6	NNE	2	b	46	92	8	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1021·8	0	NW	3	bc	49	97	8	7	-	-	4·6	4·6	4000
	Scilly (St. Mary's)	163	1023·0	-4	NW'N	4	c	50	85	8	8	4	-	4·6	7·8	2500
	Guernsey ..	175	1020·3	+2	NNW	1	b	49	92	6	-	-	-	0	0	-
6	Pembroke ...	142	1020·6	0	NNW	3	c	51	85	7	5	7	-	4·6	7·8	2500
7	Holyhead ...	26	1020·0	-2	SE'S	1	b	45	97	7	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1018·2	0	NW'N	3	c	42	92	7	5	2	-	7·8	10	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1019·0	-4	N	2	bc	40	85	6	2	-	-	2·3	2·3	1500
11	Inchkeith ...	190	1019·1	-2	NE	2	bc	41	97	8	5	-	-	2·3	2·3	2500
	Leuchars ...	33	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1019·5	-4	NW'N	3	b	46	97	8	4	-	-	1	1	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1016·6	-16	SSW	6	c	48	92	7	8	-	-	10	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	71	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1016·4	-10	SSW	2	bc	41	97	8	5	-	-	2·3	2·3	1500
16	Lerwick ...	156	1016·5	-14	W	3	bc	40	97	8	5	7	-	2·3	4·6	1500
17	Blacksod Point	18	1021·4	-6	W	3	cf	51	97	3	-	2	-	0	10	-
18	Malin Head ...	83	1018·7	-10	SW	3	c	50	97	7	8	-	-	10	10	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1024·0	-6	WSW	1	dF	51	97	1	*	-	-	10	10	<150
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 27th 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)
1019·8	+14	-	0	Z_o	41	85	5	5	-	1	2·3	2·3	4000	1	*
1019·5	+10	NW	2	Z_o	42	85	5	5	-	-	4·6	4·6	4000	1	*
1020·1	+8	NW	1	Z_o	37	92	5	1	-	-	Tr	Tr	1500	0	*
1020·2	+6	NW'N	2	Z_o	40	85	6	-	-	-	0	0	-	1	*
1019·7	+6	NW'W	2	Z_o	43	85	6	5	3	-	4·6	7·8	2500	1	§
1019·1	+6	NNW	2	c	40	85	6	5	7	-	9	10	1500	0	§
1018·5	+10	NW'N	2	c	42	75	8	5	-	-	10	10	1500	1	*
1019·4	+12	WNW	3	c	40	85	6	5	-	-	9+	9+	2500	1	*
1018·7	+6	NW	3	c	42	85	7	5	7	-	9	10	1500	0	1
1017·7	+6	NW	3	c	43	85	6	5	-	-	10	10	2500	0	2
1019·2	+12	NW	2	Z_o	39	92	6	5	-	-	10	10	1500	0	*
1019·0	+2	NW'W	1	Z_o	39	85	5	-	-	-	0	0	-	0	*
1019·3	+4	NNW	3	bc	46	85	5	5	-	1	4·6	4·6	800	0	*
1020·0	+6	NNW	2	Z_o	45	85	6	5	-	-	10	10	800	0	*
1019·7	+4	SW	1	bc	45	85	7	-	7	1	0	2·3	-	0	*
1020·3	+6	NW	3	b	50	85	7	-	-	-	0	0	-	0	2
1021·2	+6	NW'N	2	c	51	92	7	5	3	-	2·3	9+	1500	1	1
1022·1	+10	NW	3	c	50	92	8	4	7	-	7·8	9	2500	0	2
1023·0	+4	NW'N	4	o	51	97	6	5	-	-	10	10	1500	0	2
1021·0	+8	NNW	1	b	50	85	7	-	-	-	0	0	-	0	1
1020·2	+4	NW	2	c	50	92	7	5	2	-	7·8	9+	2500	0	2
1019·4	+2	W'N	3	c/d	51	92	7	5	-	-	10	10	450	0	1
1019·2	+4	SSE	1	Z_o	47	92	6	5	-	-	9	9	1500	1	*
1019·3	+4	S'E	1	Z_o	47	92	5	5	-	-	10	10	1500	1	*
1018·7	+4	NW	2	c	42	92	6	4	7	-	4·6	7·8	4000	0	2
1018·2	-2	SE'S	2	Z_o	36	92	6	-	-	6	0	4·6	-	1	*
1017·3	0	SW	1	bc†	39	92	3	5	-	-	4·6	4·6	1500	1	2
1016·4	-6	SW	3	m	44	92	4	5	-	-	7·8	7·8	800	0	2
1016·5	-6	SW	2	Z_o	42	85	6	5	2	-	7·8	10	5700	1	*
1017·0	-6	W'S	2	ir.	48	97	5	5	-	-	10	10	1500	0	*
1018·3	-2	SSE	1	c	38	92	6	5	2	-	9	9+	1500	0	*
1018·7	0	W'N	2	o	50	97	7	5	-	-	10	10	1500	1	1
1016·5	0	W	3	ir.	49	97	6	5	2	-	2·3	10	<150	1	2
1015·9	+4	WSW	3	c	48	92	8	5	7	-	4·6	7·8	2500	1	1
1017·2	-6	SW	3	c	44	97	6	5	-	-	10	10	2500	1	*
1015·2	-8	-	0	m	38	92	4	5	7	-	7·8	9+	2500	0	1
1013·4	-6	SSW	2	ir	43	97	7	5	2	-	9	10	1500	1	1
1012·8	-8	SW	5	rr	43	97	6	6	2	-	7·8	10	450	1	*
1020·9	0	W	3	bcf	51	97	3	-	2	-	0	4·6	-	1	3
1017·9	-4	W	3	c/d	49	97	6	8	-	-	10	10	800	1	2
1018·9	0	W'S	3	c/r	51	92	7	5	7	-	7·8	9+	800	1	*
1020·7	+6	WNW	1	c/r	52	92	7	5	-	-	10	10	2500	1	*
1024·3	+6	NW'N	3	id_o	52	97	5	5	-	-	10	10	220	1	2
1022·6	+2	NNW	4	c	53	92	8	5	1	-	4·6	9+	1500	1	2

PAST 24 HOURS.

Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine Hrs. (36)
53	37	23	-	-	7·1
52	38	30	-	-	5·5
57	30	23	-	Tr	12·0
57	36	27	-	-	11·8
58	38	34	-	-	12·9
46	35	27	-	-	4·4
47	41	41	Tr	-	0·4
49	35	26	-	-	3·3
50	42	41	0·2	Tr	2·2
46	41	40	0·6	-	0·4
48	35	33	Tr	-	5·2
51	33	27	-	-	5·4
55	43	28	-	-	12·5
56	37	28	-	-	*
60	38	31	-	-	11·7
51	44	*	-	-	*
60	49	46	-	-	10·2
59	47	*	-	-	*
55	49	*	-	Tr	1·9
55	46	39	-	-	10·4
59	48	*	-	-	8·2
52	44	38	-	Tr	12·0
51	43	35	-	-	12·8
55	37	31	-	-	13·4
47	41	*	-	-	0·7
52	30	25	-	-	10·0
45	35	32	-	-	5·5
52	38	33	-	-	12·8
54	32	23	-	-	13·2
64	37	31	-	Tr	12·4
60	27	23	-	Tr	13·0
55	43	*	-	-	13·1
55	48	48	-	2	9·7
53	47	*	-	0·6	10·2
59	31	23	-	1	11·7
50	30	25	-	-	8·4
47	38	*	-	2	9·6
46	38	*	-	0·2	
57	48	*	Tr	0·5	*
52	47	*	-	1	4·6
60	46	41	-	Tr	7·5
61	51	49	-	0·2	3·7
55	51	51	Tr	2	4·4
58	52	*	-	0·1	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
KEW	18	bc$z_5$mz	bcbz$_y$	bz$_o$x	53	37	23	-	-	8·3	.	.	6
CROYDON	217	bcczy	cbczy	bzybz	52	38	30	-	-	5·5	.	.	6
GREENWICH (Royal Observatory) ...	149	c	cby	bcbx	52	37	26	-	Tr	3·5	53	70	4
CITY (Bunhill Row)	—	.	.	.	.	.	.	.	.	5·2	.	.	.
WESTMINSTER (St. James' Park) ...	27	.	.	.	54	38	33	-	-	5·9	52	74	.
REGENT'S PK. (Botanic Gardens)‡ ...	168	.	.	.	53	35	26	-	-	6·4	47	77	.
CAMDEN SQUARE	110	c	cb	.	54	37	31	-	-	.	.	66	.
KENSINGTON	80	bcz	bc	.	53	36	28	-	-	6·3	56 At 18h.	69	.
HAMPSTEAD OBSERVATORY	450	c	bc	bc	51	33	23	-	-	6·4	.	74	.

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	1018·6	WNW	4	c	46	1018·3	WNW	2	bc	46
BRUSSELS	1014·7	NW	4	r.r.	41	1011·2	SSE	2	id	45
BERLIN	1006·9	SW	4	r.r.	43	1015·3	N	5	r.r.	43
ZÜRICH	1015·8	WSW	2	c	43	1015·4	SSW	3	ir.	39
ÉGHE	1007·5	WNW	4	bc	61					

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
52	43	-	-
48	41	0·6	5
45	41	3	2
50	37	2	0·6
*	*	-	

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 27th

SOUTH KENSINGTON.

Max.	Time.	Min.	Time.
0·3	18-20h. 26th.	<0·3	1-3h. 27th

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
0·2	20h. 26th	<0·1	13h. 26th

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. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 28th April, 1937.
No. 27551.

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.	%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.	%Humid.	Visibility 0–9	Cloud. Form. Low.	Cloud. Form. Med.	Cloud. Form. High.	Cloud. Amount. Low 0–10	Cloud. Amount. Total 0–10	Cloud. Height of Base (feet)	State of Ground. 0–9	Sea. 0–9	Weather. 7h.–13h. 27th.	Weather. 13h.–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)	1016·8	-12	N	1	z_o	57	56	6	-	-	6	0	9+	-	1018·7	+2	WNW	2	z_o	56	75	6	5	2	-	4-6	10	4000	1	*	bcmzz$_o$	ez$_o$r$_o$c	r$_o$r$_o$rr	r$_o$r$_o$c
	Croydon ...	1018·4	-10	NW	2	z_o	59	55	6	-	-	6	0	9+	-	1018·2	+2	NW	3	z_o	59	63	5	5	2	-	7-8	10	2500	0	*	cm$_o$czy⊕	cz$_o$⊕y	cz$_o$irr$_o$	or$_o$r$_o$m$_o$
	S. Farnborough	1016·7	-12	N'W	2	c	61	56	6	1	5	4	Tr	7-8	4000	1016·9	+6	NW'W	2	ir$_o$	55	85	6	5	-	-	10	10	2500	1	*	cm$_o$bczy	cz$_o$yirc	r$_o$irr$_o$d$_o$	cidm$_o$c
	Boscombe Down	1019·3	-8	NW	3	ir$_o$	58	65	7	5	2	-	4-6	9+	2500	1019·6	0	WNW	2	r$_o$r$_o$	54	92	6	6	2	-	4-6	10	1500	1	*	bm$_o$bccr$_o$	cr$_o$r$_o$m$_o$	cr$_o$r$_o$m$_o$c	c
	Calshot (Sthmtn.)	1019·3	-10	SW'S	3	bc	60	65	7	2	3	6	2-3	4-6	4000	1019·4	+4	NW'W	2	r$_o$r$_o$	54	85	6	5	2	-	7-8	10	2500	1	1	cbcm$_o$	cm$_o$r$_o$	cr$_o$r$_o$rpm	cid$_o$cm$_o$
	Lympne ...	1019·6	-4	N'W	2	c	49	65	7	5	-	4	7-8	7-8	1500	1019·9	+2	SSE	2	c	48	75	6	-	-	7	0	10	-	0	1	cm$_o$bc	bcc⊕	corrm$_o$	ffrrd$_o$
	Manston ...	1019·4	0	NNW	1	c	48	75	8	5	-	-	9+	9+	1500	1019·4	0	S'E	3	c	47	85	6	-	-	7	0	9+	-	0	*	c	bcc⊕	corrm$_o$	rdpr$_o$rm
2	Shoeburyness ...	1019·3	-4	ESE	3	c	49	75	8	2	7	4	1	7-8	2500	1019·0	-4	ESE	2	c	46	85	7	-	7	-	0	10	-	0	*	cm$_o$c	c	c	rrddo
	Felixstowe ...	1019·6	-2	WSW	2	c	51	65	7	5	-	4	4-6	7-8	2500	1019·2	0	S'E	2	c	47	75	7	5	2	8	2-3	10	2500	0	1	c	c	crrir	crrodd$_o$
	Gorleston ...	1018·6	-2	N'E	4	c	48	75	7	8	3	-	4-6	7-8	2500	1018·8	+2	SE'E	5	c	45	85	7	4	1	-	2-3	10	2500	0	2	cbc	c	cor$_o$r$_o$	oir
	Mildenhall ...	1018·7	-6	NNW	2	c	55	56	8	1	-	6	Tr	7-8	4000	1018·1	-2	-	0	c	55	55	7	5	2	-	4-6	10	4000	0	*	cz$_o$bc	cy	cr$_o$r$_o$rm$_o$m	mdd$_o$dm
	Cranwell ...	1017·9	-12	NNW	1	z_o	57	55	6	-	7	3	0	9	-	1017·9	0	W'S	1	r$_o$r$_o$	53	92	4	6	2	-	9	10	800	1	*	bm$_o$bczz$_o$	cyr$_o$r$_o$mr	r$_o$r$_o$rrr$_o$	cm$_o$dd$_o$m
3	Birmingham ...	1018·8	0	NW	2	r	53	65	5	5	-	-	10	10	800	1018·8	0	WNW	2	rr	53	97	4	5	-	-	10	10	800	1	*	bccr	orr	orr$_o$	oc
4	Upper Heyford	1018·9	-10	NW	2	z_o	56	65	6	7	1	-	7-8	10	2500	1019·4	0	W	1	r$_o$r$_o$	53	92	6	5	2	-	9+	10	1500	1	*	cm$_o$bcz$_o$c	cr$_o$r$_o$ir	r$_o$r$_o$irm	cmm$_o$
	Ross-on-Wye	1019·2	-6	WNW	3	ir$_o$	56	55	7	6	1	-	9	10	1500	1019·0	-4	W'N	2	⊘pr	55	92	8	6	-	-	10	10	2500	1	*	c	cr$_o$orcp	or$_o$c	p$_o$cbc
5	Portland Bill ...	1019·4	-6	NW	3	c	53	85	7	4	-	-	7-8	7-8	2500	1019·6	+4	W	3	pr$_o$	53	92	7	4	-	-	9	9	2500	1	3	bpro	cpro	c	c
	Plymouth ...	1021·0	-2	NNW	4	ir$_o$	57	85	8	6	2	-	7-8	10	1500	1021·0	+2	NW'N	3	c	57	92	8	8	7	-	7-8	9+	1500	1	1	cr$_o$	cr$_o$c	cd$_o$c	cd$_o$c
	The Lizard ...	1022·2	0	WNW	3	c	54	92	7	4	2	-	9	10	2500	1022·3	0	W'N	3	c	54	85	8	4	7	-	7-8	9+	2500	0	2	cd$_o$c	c	c	c
	Scilly (St.Mary's)	1023·3	+2	NW	3	c	56	92	7	5	4	-	4-6	7-8	2500	1023·2	0	NW	4	f	52	97	2	-	-	-	10	10	<150	0	2	oid$_o$mc	caff	offbc	bccw
	Guernsey ...	1020·8	0	NW	2	c	58	75	6	5	1	3	2-3	10	4000	1020·8	0	WNW	3	r$_o$r$_o$	53	97	6	5	-	-	10	10	2500	1	2	bbcc	corr	ir$_o$co	o
6 7	Pembroke ...	1020·2	0	NW	3	c	51	92	7	5	2	-	7-8	9+	2500	1019·9	-2	NW	3	c	52	92	8	5	6	-	4-6	9+	2500	0	2	cid$_o$c	c	bcc	c
	Holyhead ...	1019·2	+1·0	WS	2	c/r	54	85	7	5	-	-	10	10	1500	1019·4	+2	NW'N	4	c	52	85	8	5	2	-	4-6	10	800	1	1	id$_o$ir$_o$c	dd$_o$r$_o$m$_o$c	id$_o$c	c
	Chester(Sealand)	1019·1	-6	WNW	3	r$_o$r$_o$	53	92	6	-	2	-	10	10	800	1019·0	-2	W'N	4	d$_o$d$_o$	53	97	5	-	2	-	10	10	800	1	*	cwm$_o$r$_o$d$_o$r	cm$_o$r$_o$Rd$_o$	cd$_o$d$_o$rm$_o$	cm$_o$
8	Manchester ...	1019·1	-4	W'N	2	r$_o$r$_o$	51	97	5	5	2	-	7-8	10	1500	1018·7	+2	W'N	3	d$_o$d$_o$	52	97	4	6	-	-	10	10	450	1	*	cid$_o$r$_o$r$_o$	cr$_o$r$_o$d$_o$	cd$_o$d$_o$id$_o$	cbcm$_o$
10	Spurn Head ...	1017·9	-6	SE'E	3	c	46	86	7	5	1	1	4-6	9+	2500	1017·4	-2	SE	3	c	45	92	7	5	2	-	7-8	10	1500	0	2	c	prc	diFF	ffro
	Catterick ...	1017·7	-4	SSE	2	ir$_o$	50	92	6	3	7	-	4-6	10	2500	1017·2	+2	-	0	id$_o$	51	97	7	5	7	-	7-8	10	1500	1		bcm$_o$r$_o$	r$_o$r$_o$d$_o$r	mddm$_o$c	cbcm$_o$
	Tynemouth ...	1016·7	-4	N	1	ir$_o$	52	85	5	-	2	-	10	10	1500	1016·9	+4	WNW	3	ir$_o$	52	92	5	-	2	-	10	10	800	1	1	bcffoir$_o$	oir$_o$	bc	oifc
11	Inchkeith ...	1015·7	+6	SW	3	z_o	50	97	6	5	-	-	9+	9+	1500	1017·9	+16	E	1	c	46	92	8	5	-	-	10	10	2500	1	2	z$_o$ir$_o$	z$_o$pr	c	cz$_o$zw
12	Leuchars ...	1015·1	-2	W	3	c/r	56	76	8	5	7	-	7-8	9+	1500	1018·2	+18	E'N	2	c	47	92	7	5	-	-	9+	9+	1500	1	*	cm$_o$r$_o$r$_o$	cr$_o$d$_o$d$_o$	cbcw	bcxbc
	Rentrew (Abbots I.)	1016·4	-2	W'S	3	c/pr	54	85	8	8	2	-	4-6	10	1500	1017·6	+10	WNW	4	bc	57	75	9	1	-	6 5	1	2-3	4000	0	*	m$_o$r$_o$r$_o$d$_o$c	cbcv	bcvc	cbcm$_o$
	Eskdalemuir ...	1017·4	-2			r$_o$r$_o$	47	97	6	-	2	-	10	10	<150	1017·1	+4	NW'W	2	bc	53	85	7	8	3	9	2-3	4-6	1500	1	*	cr$_o$r$_o$m$_o$	cir$_o$bc	bccbc	bxbcc
	Point of Ayre...	1018·5	0	WNW	3	c	53	97	7	8	1	-	7-8	10	800	1018·7	0	NW'N	3	d$_o$d$_o$	50	97	6	5	-	-	10	10	800	1	2	or$_o$r$_o$	or$_o$dd	ddFF	o
13a	Tiree	1017·6	+12	N	1	c	51	85	8	5	2	-	4-6	9	1500	1018·5	+14	NW'N	2	bc	50	85	8	-	3	8	0	4-6	-	0	1	ir$_o$dc	cbc	bcc	c
13b 15	Stornoway ...	1016·0	+8	NW	4	c	52	65	8	7	7	-	4-6	9	2500	1019·9	+10	NNW	3	c	51	65	8	7	7	1	4-6	7-8	4000	1	1	cpr$_o$	c	c	c
	Dalwhinnie ...	1017·3	+4	NW	3	ir$_o$	49	68	7	5	2	-	4-6	10	2500	1018·6	+8	NW	2	bc	51	65	8	4	6	-	2-3	2-3	4000	0	*	cir	c	*	cbc
	Aberdeen ...	1016·2	+16	NW	3	c/r	46	92	8	9	2	-	2-3	10	800	1016·3	+14	-	0	c	47	85	8	5	-	-	9	9	4000	1 8	1	frr$_o$c	c	cbcbw	bwm
16	Wick ...	1015·1	+10	NNW	4	c	53	78	8	8	7	-	4-6	7-8	1500	1018·0	+14	NNW	3	c	50	85	8	8	6	-	4-6	7-8	1500	1	2	circ	c	cbc	bc
	Lerwick ...	1013·8	+4	SW	3	c	46	92	8	8	7	-	4-6	7-8	800	1013·9	+10	NW	3	bc	49	75	8	8	-	-	4-6	4-6	1500	1	*	crr	cbc	c	c
17	Blacksod Point	1021·7	+8	W	2	c	53	97	7	5	-	-	10	10	220	1023·5	+6	W	3	c	52	92	7	5	-	-	10	10	800	0	2	id$_o$	c	pr	prc
18	Malin Head ...	1018·4	+8	W	3	Dr	50	97	4	8	-	-	10	10	800	1020·0	+12	W	2	cF	49	97	1	5	-	-	10	10	800	1	2	oidm$_o$	oFF	oFFd	oFid
	Aldergrove ...	1018·6	-2	W	3	ir$_o$	54	92	7	5	-	-	10	10	450	1019·9	+8	WNW	3	c	53	92	8	5	7	-	9+	10	800	1	*	r$_o$dm$_o$r$_o$c	r$_o$cd$_o$c	c	odddm
19	Birr Castle ...	1021·3	+2	NNW	1	id$_o$	56	92	7	5	-	-	10	10	2500	1021·7	+4	WNW	1	c	57	85	7	5	-	-	10	10	2500	1	*	ir$_o$id$_o$	cid$_o$c	c	c
20	Valentia Obsy. †	1025·2	+6	NW'N	4	c	52	97	6	5	-	-	10	10	220	1025·5	0	NW'N	3	id$_o$	52	97	7	5	-	-	10	10	220	1	3	idid$_o$o	o$_o$eid$_o$	cid$_o$c	c
	Roches Point	1022·8	+2	NNW	4	c	57	85	8	8	1	-	4-6	9+	1500	1023·5	+6	NNW	4	c	55	85	8	5	1	-	4-6	9+	1500	0	2	c	c	c	c

† Sea disturbance reported from Dungeness.

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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

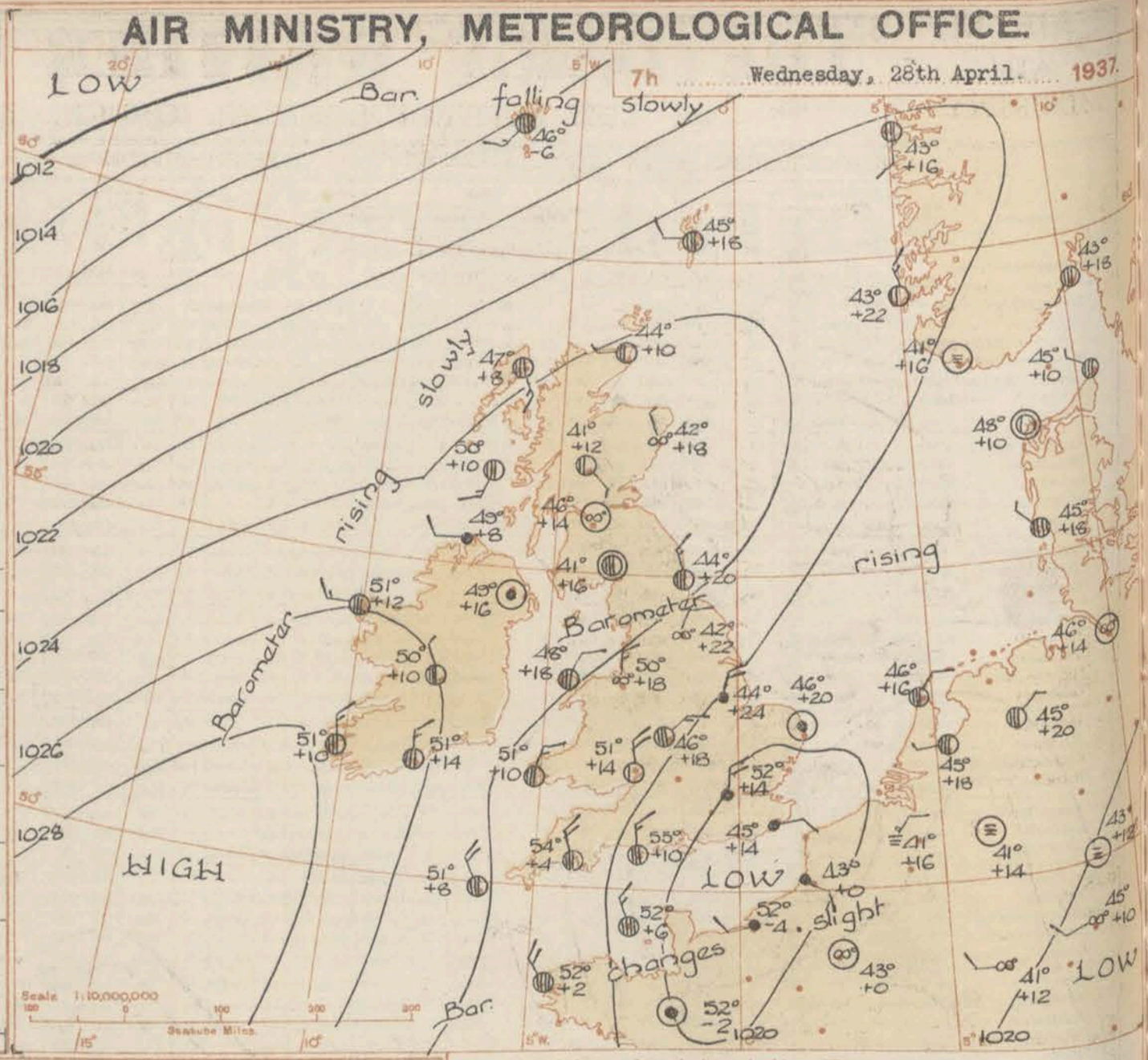
0 .. Ground dry.
1 .. ,, wet.
2 .. ,, flooded.
3 .. ,, frozen hard and dry.
4 .. ,, partly covered with snow or hail.
5 .. ,, covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 .. ,, covered with snow, less than 6 ins., but ground frozen.
9 .. ,, covered with snow greater than 6 ins. deep.

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

REPORTS from HEALTH RESORTS for 27th April 1937.

Districts	Stations	Weather. Fore-noon.	Weather. After-noon.	Temperature (F) Min. 9h. 26th to 9h. 27th	Temperature (F) Max. 9h.—17h. 27th	Rainfall (mm) Night. 17h. 26th to 9h. 27th	Rainfall (mm) Day. 9h.—17h. 27th	Sunshine (Hrs) Sunrise to 17h. 27th	Sunshine (Hrs) Sunrise to Sunset. 26th
1	Tunbridge W.	bc	bcc	30	57	-	-	7·0	3·3
	Bournemouth	b	cor	40	62	-	0·3	6·0	12·7
	Ventnor ...	xb	bow	40	58	-	-	8·3	12·4
	Southsea ...	ocb	bco	40	62	-	-	4·7	12·9
	Bognor Regis	b	bcor$_o$	38	58	-	Trace	9·4	
	Littlehampton	bc	bcc	36	56	-	-	8·8	12·8
	Worthing ...	b	bbcc	38	57	-	-	9·0	12·8
	Brighton ...	b	cbc	38	55	-	-	8·6	10·9
	Eastbourne† ...	bccbc	bcc	39	54	-	-	7·2	5·7
	Hastings† ...	bcbc	bccc	36	52	-	-	6·7	5·0
	Folkestone ...	oc	cbbcc	40	51	-	-	2·3	2·9
	Dover ...	o	oc	40	49	-	-	0·0	2·3
	Deal	o	cbcc	42	51	-	-	2·2	0·1
	Ramsgate ...	c	cbcc	42	49	-	-	2·0	1·0
	Margate ...	c	cbc	42	49	-	-	2·0	1·4
2	Southend ...	cbc	bcc	37	53	-	-	4·0	5·2
	Maldon ...	cbc	bcc	38	53	-	-	3·9	2·9
	Clacton-on-Sea	oc	cbcc	41	51	-	-	1·7	1·5
	Dovercourt ...	ocbc	bcz	41	54	-	-	2·7	2·5
	Lowestoft ...	c	bcbcz	41	49	-	-	4·4	0·3
	Skegness ...	cbcb	bcor$_o$	41	47	-	0·1	4·6	2·0
	Mablethorpe...	bcbbc	bccop	41	48	-	Trace	5·1	1·2
	Cleethorpes ...	bc	bcor$_o$	40	51	-	Trace	5·3	2·3
3	Leamington S.	bcc	cor	38	56	-	4	1·7	11·9
4	Cheltenham†	bbccp	coorr	38	58	-	2	3·2	11·6
5	Bath	bccr$_o$	cr$_o$	37	61	-	0·3	4·5	11·9
	Weymouth ...	bc	pcc	40	61	-	0·4	4·3	13·0
	Jersey ...	b	bcc	48	59	-	-	8·6	12·7
	Torquay ...	c	c	46	63	-	-	1·1	11·3
	Penzance ...	c	cp$_o$bc	49	59	-	Trace	1·2	3·7
	St. Ives ...	c	c	49	55	-	-	0·5	2·7
	Bude... ...	o	c	51	53	-	-	0·0	8·2
	Ilfracombe ...	cbcco	o	49	54	-	-	0·0	8·7
6	Aberystwyth	cpr$_o$o	odd	46	54	0·3	1	0·0	15·1
7	Llandudno ...	m$_o$ir	odm	47	52	Trace	1	0·0	12·8
	Colwyn Bay...	odopo	oopod	47	54	Trace	1	0·0	13·4
	Rhyl	cod$_o$	od$_o$d$_o$	46	53	Trace	2	0·0	13·1
8	Wallasey ...	r$_o$r	irr	45	51	Trace	6	0·0	13·3
	Southport ...	odrr$_o$	rroidr	45	50	Trace	6	0·0	13·5
	Blackpool ...	oro	odo	44	50	Trace	5	0·0	13·2
	Morecambe ...	ccirc	cirrc	41	51	-	3	0·0	14·0
9	Ilkley... ...	cpo	oro	35	53	-	4	0·0	10·8
	Harrogate ...	c	crr	33	53	-	2	2·5	11·0
10	Berwick-on-T.	or$_o$	po	34	57	-	2	0·4	10·1
11	Dunbar ...	cr$_o$m$_o$	orr	35	56	-	3	0·0	13·4
12	Troon... ...	rococ	cddoc	46	51	2	0·5	0·0	13·0
	Douglas ...	cdofmcdd		45	55	Trace	Trace	0·0	12·2

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



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
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. 28th April, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light northerly winds; cloudy or dull, occasional light rain or drizzle; average temperature.
4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Light northerly or variable winds; mainly cloudy, occasional bright intervals; average temperature.
12 S.W. Scotland & Isle of Man.	Light southwest winds; cloudy or dull, occasional light rain or drizzle; average temperature.
13 A. W. Scotld. B. N.W. Scotland.	Light southwest winds; cloudy or dull with occasional rain at first, fairer later; average temperature becoming rather mild.
14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Light variable or west winds becoming cloudy with occasional light rain later; rather mild.
17 N. W. Ireland	Light westerly winds; cloudy at times with local drizzle near coasts; rather mild.
18 N. E. Ireland 19 S. E. Ireland	Light variable winds; cloudy or dull with occasional drizzle at first; fairer later; rather mild.
20 S. W. Ireland	As 17.

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

GENERAL INFERENCE.

A depression over Iceland is moving northeast and a wedge of high pressure over Ireland and Scotland is moving south. It will be cloudy in most districts with occasional light rain or drizzle in places. Temperatures will be about the average of the season.

FURTHER OUTLOOK.

Fair periods in the South; rainy periods in the North and West.

Forecasts issued at 0950 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

Morning of

WEDNESDAY.
28TH APRIL.

1937.

Clarke's Projection Scale 1: 4X10⁷ 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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 28th April, 1937.

No. 27551.

OBSERVATIONS at 1 hr. G.M.T. 28th 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	1015·0	-6	W	3	r.r.	53	97	5	6	2	-	9	10	450
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1019·4	-4	S	2	r.r.	45	92	5	-	2	-	10	10	4000
	Manston ...	142	1019·1	-2	SSW	3	r.r.	45	97	6	-	2	-	10	10	4000
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1019·0	0	SE'S	1	r.r.	45	97	6	6	-	-	10	10	1500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1019·3	-4	NW	2	c	52	85	7	4	-	-	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1022·3	0	NW	4	c	51	97	8	4	7	-	4-6	7-8	2500
	Scilly (St. Mary's)	163	1023·5	+2	NW	4	bc	50	97	8	5	4	6	1	4-6	2500
	Guernsey ...	175	1020·6	-2	NW	1	o	52	92	6	5	-	-	10	10	2500
6	Pembroke ...	142	1021·8	+6	NW	3	c	51	92	7	5	-	-	9+	9+	2500
7	Holyhead ...	26	1021·5	+14	N'W	3	c	49	97	8	5	2	-	4-6	9	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1018·3	+4	NNW	5	c.f	46	97	3	5	-	-	10	10	<150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1021·8	+8	N	3	bc	44	92	7	2	-	-	4-6	4-6	1500
11	Inchkeith ...	190	1021·1	+16	S	1	c	44	97	8	5	3	-	4-6	7-8	4000
	Leuchars ...	33	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1021·7	+18	N	3	F	47	97	1	-	-	-	10	10	<150
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1023·2	+10	SSE	1	c	45	92	8	5	7	3	2-3	7-8	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1021·9	+6	WNW	2	bc	40	97	8	5	7	-	1	2-3	2500
16	Lerwick ...	156	1020·8	+16	NW	3	c	45	85	8	8	7	-	4-6	9+	1500
17	Blacksod Point	18	1024·5	+4	-	0	c	52	92	7	5	-	-	10	10	800
18	Malin Head ...	84	1022·2	+10	W	2	cf	49	97	1	1	8	-	10	10	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1026·4	+4	W	3	o	49	97	7	5	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. 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)
1020·3	+20	N'E	4	c	51	85	7	5	-	-	10	10	800	1	*
1019·2	+14	N'E	4	id.	52	92	4	6	2	-	7-8	10	800	1	*
1020·3	+18	N	3	c	52	92	6	5	-	-	10	10	800	1	*
1020·9	+14	N	4	r.	52	85	6	5	-	-	9+	9+	800	1	*
1020·1	+14	NNW	3	r.	53	92	6	5	7	-	9	9+	1500	1	2
1020·1	+14	E'N	2	d+	45	97	3	-	-	-	10	10	<150	1	*
1020·0	+14	E	1	r.r.	46	92	5	6	2	-	7-8	10	800	1	*
1020·1	+16	ESE	3	dd	47	97	5	5	-	-	10	10	800	1	*
1021·2	+20	NE	1	id.	47	97	4	5	2	-	4-6	10	450	1	1
1021·2	+20	-	0	ir.	46	97	5	6	-	-	10	10	1500	1	2
1021·1	+20	N'W	2	dd	46	97	4	6	-	-	10	10	450	1	*
1022·8	+24	N'E	4	d.d.	44	97	4	5	-	-	10	10	220	1	*
1023·1	+18	NE	3	c	46	85	5	5	-	-	7-8	7-8	800	1	*
1022·3	+26	NNE	4	z.	46	85	6	5	-	-	9+	9+	450	1	*
1022·0	+14	N	4	b	51	75	6	1	4	9	Tr	1	4000	1	*
1020·4	+10	N	3	c	55	85	7	4	-	-	7-8	7-8	2500	1	3
1021·5	+4	NNW	4	c	54	92	8	5	7	2	7-8	9+	1500	0	1
1023·5	+12	NNW	4	c	52	97	8	5	2	-	7-8	10	1500	0	2
1024·6	+8	NNW	4	c	51	97	8	5	3	-	7-8	9+	2500	0	2
1020·8	+6	NNW	3	o	52	92	7	5	-	-	10	10	2500	1	2
1023·0	+10	NNE	3	c	51	92	7	5	2	-	7-8	9+	2500	0	3
1024·4	+18	NNE	2	c	48	92	8	5	9	-	2-3	9+	1500	1	2
1023·7	+18	N	3	z.	50	85	6	5	7	-	7-8	7-8	4000	1	*
1024·1	+28	NE	3	z.	47	85	6	5	4	-	Tr	1	2500	1	*
1022·7	+28	NEN	4	o	44	97	7	5	-	-	10	10	800	1	3
1025·2	+22	NEN	2	z.	42	97	6	6	2	-	9	10	800	1	*
1025·0	+20	NNW	3	c	44	92	7	5	-	-	9+	9+	1500	1	2
1025·0	+16	E	1	m	43	97	4	5	-	-	9+	9+	1500	1	1
1025·2	+14	-	0	bc	45	92	6	5	3	1	4-6	4-6	2500	1	*
1024·5	+14	-	0	z.	46	92	5	7	-	1	2-3	2-3	4000	0	*
1026·8	+16	-	0	c	41	85	8	5	-	1	9+	9+	2500	1	*
1024·5	+16	E'N	1	o	47	92	8	5	-	-	10	10	2500	1	1
1023·7	+10	S'W	3	c	50	97	9	5	7	-	4-6	10	<150	0	1
1023·3	+8	SSE	3	c	47	92	8	5	7	-	7-8	9+	2500	1	1
1025·5	+2	SE	1	bc	41	92	8	4	5	1	Tr	2-3	<150	0	*
1025·2	+18	NNW	1	z.	42	92	5	-	-	1	0	2-3	-	1	*
1024·1	+10	WSW	1	bc	44	97	8	5	-	1	1	2-3	2500	1	1
1023·7	+18	W	2	c	45	85	8	5	7	-	7-8	9+	1500	0	*
1025·9	+12	W	3	c	51	92	7	9	-	-	10	10	800	1	2
1024·7	+8	W	2	d.d.	49	97	5	9	-	-	10	10	800	1	1
1025·3	+16	-	0	id.	49	97	6	5	-	-	10	10	450	1	*
1025·8	+10	NNW	1	c	50	92	7	5	-	-	10	10	2500	1	*
1027·8	+10	N'N	3	c	51	85	8	7	-	1	7-8	9	2500	1	2
1026·4	+14	N	3	c	51	85	8	5	-	-	9+	9+	1500	0	2

PAST 24 HOURS.

Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 27th Hrs. (36)
60	50	49	Tr	3	6·0
63	52	50	-	5	6·5
64	51	49	Tr	3	6·7
(58)	51	50	1	1	5·6
61	52	51	0·1	3	6·4
50	43	39	-	7	3·2
50	42	40	-	3	2·7
51	47	46	-	7	2·5
52	46	44	-	3	3·1
48	43	41	-	1	4·7
58	46	46	-	4	5·2
58	43	43	1	3	6·1
55	45	41	3	3	1·9
58	46	45	2	3	*
58	50	49	2	0·6	2·6
56	50	*	1	0·4	*
59	53	52	Tr	Tr	1·0
57	50	*	Tr	-	*
58	49	*	Tr	-	0·9
59	51	49	1	0·1	7·5
56	50	*	Tr	-	0·4
54	47	46	0·6	Tr	0·0
54	47	45	4	1	0·0
52	43	34	4	0·2	0·0
51	43	*	Tr	4	5·1
54	41	37	3	1	1·9
54	42	40	1	0·1	2·8
54	41	35	2	-	0·7
59	38	28	1	-	1·2
58	45	40	1	-	3·5
54	35	29	1	Tr	1·0
55	45	*	1	0·5	0·0
53	48	42	0·6	-	4·6
55	44	*	Tr	-	6·4
56	29	21	Tr	-	2·1
54	35	32	1	-	0·0
54	35	*	3	-	*
52	42	*	6	-	3·1
53	47	*	0·8	1	*
51	48	*	1	1	0·0
55	48	48	0·6	0·6	0·0
60	49	49	Tr	-	0·5
54	49	42	0·2	Tr	0·0
58	51	*	-	-	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather Morning.	Weather Afternoon.	Weather Night.	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset. hrs.	Humidity 15h. G.M.T %	Humidity 9h. G.M.T %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.	To-day.		
Kew	18	bcm.cz	cz.r.c	r.r.r.r	60	50	49	Tr	3	6·0	*	*	6
Croydon	217	cm.czy	cz.by	cz.r.r.r	63	52	50	-	5	6·5	*	*	4
Greenwich (Royal Observatory) ...	149	by	cy	r.r.r	61	47	46	-	7	4·2	49	96	4
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	5·8	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	62	50	42	4		6·0	48	91	*
Regents Pk. (Botanic Gardens) ...	168	*	*	*	62	47	47	-	4	7·0	61	92	*
Camden Square	110	bbcc	c	*	63	48	48	-	4	*	At 19h.	92	*
Kensington	80	bc	bc	*	62	48	48	-	3	6·8	69	90	*
Hampstead Observatory	440	bc	bcp	cor	61	45	38	Tr	4	7·5	*	96	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
0·3	17-20h 27th	<0·3	3-5h 28th

Kew Observatory.

Max.	Time.	Min.	Time.
0·3	7h. 27th.	0·1	2h. 28th.

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	1019·5	NW	2	c	50	1020·1	-	0	z.	43	54	39	-	-
Brussels	1018·2	NW	4	c	45	1021·5	NNE	2	m	41	48	36	1	-
Berlin						1020·1	-	0	z.	48		41		-
Zürich	1017·2	SSW	1	r.r.	39	1019·5	WNW	4	o	41	48	38	4	2
Rome	1010·5	S	1	bc	59	1011·7	ENE	1	c	55	*	*	-	0·3

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

METEOROLOGICAL OFFICE, AIR MINISTRY, ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

† 1 hr. observations are from Valentia W/T Station. ‡ Maximum and Minimum Temperatures are for the 24 hours ending 6 h. * Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 29th April, 1937.
No. 27552.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. 0–12 Force (4)	Weather. (5)	°Temp. F. (6)	%Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1024·3	+20	NNE	2	c/d	50	85	4	5	-	-	10	10	800
	Croydon ...	1024·1	+22	NE'E	3	m	49	92	4	5	7	-	7-8	10	1500
	S. Farnborough	1024·2	+18	NNE	2	id$_o$	48	92	5	-	2	-	10	10	800
	Boscombe Down	1024·0	+10	NNE	4	z$_o$	49	85	6	5	-	-	10	10	800
	Calshot (Sthmtn.)	1023·5	+18	N'E	3	z$_o$	51	85	6	8	-	-	10	10	1500
	Lympne ...	1023·8	+18	NNE	3	c	52	75	6	8	3	-	7-8	7-8	2500
	Manston ...	1024·1	+18	ENE	4	c	49	75	7	5	-	-	9+	9+	1500
2	Shoeburyness ...	1024·3	+20	ENE	3	c	51	85	6	8	-	-	9+	9+	1500
	Felixstowe ...	1024·9	+18	NE	3	z$_o$	51	75	6	5	2	-	7-8	10	800
	Gorleston ...	1024·6	+14	NE'N	3	c	47	92	6	5	-	-	7-8	7-8	2500
	Mildenhall ...	1025·1	+18	N'E	3	z$_o$	50	85	6	5	-	-	10	10	1500
	Cranwell ...	1026·4	+18	NNE	3	c	47	85	7	5	-	-	4-6	10	1500
3	Birmingham ...	1025·6	+10	NE	3	c	48	75	5	5	-	-	10	10	1500
4	Upper Heyford	1026·0	+10	NNE	4	c/d	47	85	6	5	-	-	10	10	800
	Ross-on-Wye	1024·6	+8	NE'N	4	z$_o$	54	65	6	7	-	-	9	9	2500
5	Portland Bill ...	1022·9	+16	NNE	4	c	56	65	7	4	-	-	7-8	7-8	2500
	Plymouth ...	1023·0	+8	N	3	bc	63	65	8	7	-	-	2-3	2-3	4000
	The Lizard ...	1023·8	+10	N'W	4	bc	60	75	8	7	-	-	4-6	4-6	2500
	Scilly (St.Mary's)	1026·2	+4	N	4	c	58	92	7	5	4	-	7-8	9+	2500
	Guernsey ...	1022·1	+10	NE	3	bc	56	75	6	1	1	-	1	2-3	2500
6	Pembroke ...	1024·7	0	N'E	4	bc	60	75	6	7	6	-	2-3	4-6	4000
7	Holyhead ...	1026·3	+8	NE'N	4	bc	53	75	8	7	-	2	2-3	4-6	4000
	Chester(Sealand)	1026·2	+6	NE'N	3	z$_o$	55	65	5	7	-	-	4-6	4-6	4000
8	Manchester ...	1026·6	+6	NE'N	3	bc	53	65	7	7	-	1	2-3	2-3	4000
10	Spurn Head ...	1027·1	+16	NE'E	2	0	49	75	7	5	-	-	10	10	1500
	Catterick ...	1027·3	+6	NE	2	c	51	65	7	8	-	1	9	9	2500
	Tynemouth ...	1027·5	+12	ENE	2	bc	51	85	8	1	-	-	4-6	4-6	2500
11	Inchkeith ...	1026·2	+10	E	2	bc	52	85	8	5	-	-	2-3	2-3	2500
12	Leuchars ...	1026·7	+6	ESE	2	bc	56	65	7	7	-	8	2-3	4-6	4000
	Renfrew (Abbots I.)	1026·3	+10	SW'W	1	z$_o$	58	65	6	7	2	-	7-8	10	2500
	Eskdalemuir ...	1025·9	+4	S	1	bc	58	45	8	7	-	1	4-6	4-6	2500
	Point of Ayre...	1027·1	+10	S	3	c	53	75	8	2	2	-	Tr	10	1500
13A	Tiree	1025·9	+12	W'N	3	c	53	92	7	5	-	-	9+	9+	1500
13B	Stornoway ...	1024·7	+8	SSW	4	c	52	92	8	5	7	-	7-8	9+	2500
15	Dalwhinnie ...	1026·3	+6	SW	3	c	54	65	8	5	2	-	7-8	10	2500
	Aberdeen ...	1026·6	+10	S	3	c	53	65	7	4	3	8	Tr	7-8	4000
16	Wick ...	1025·7	+4	S	3	c	49	92	8	5	5	8	4-6	9	2500
	Lerwick ...	1025·5	+12	W	2	c	50	65	8	8	7	-	4-6	7-8	1500
17	Blacksod Point	1027·9	+10	W	3	c	55	85	8	5	-	-	7-8	10	800
18	Malin Head ...	1026·9	+8	W	3	jf	52	97	6	9	2	-	7-8	10	800
	Aldergrove ...	1027·2	+6	WNW	1	id$_o$	54	92	6	5	7	-	9+	10	450
19	Birr Castle ...	1026·9	+4	NW	1	c	57	75	8	5	1	-	7-8	10	2500
20	Valentia Obsy. †	1029·1	+2	NNW	4	b	57	65	9	1	-	1	Tr	Tr	2500
	Roches Point	1027·5	+2	N	3	bc	60	75	8	7	-	-	4-6	4-6	4000

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. 0–12 Force (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)	1026·3	+16	NNE	2	d$_o$d$_o$	49	85	5	5	-	-	10	10	800	1	*
	Croydon ...	1026·7	+22	ENE	3	z$_o$	50	75	6	9	-	-	10	10	4000	1	*
	S. Farnborough	1026·6	+16	NNE	3	c/d	49	85	6	5	-	-	10	10	1500	1	*
	Boscombe Down	1026·7	+18	NNE	3	z$_o$	48	92	6	5	-	-	10	10	800	1	*
	Calshot (Sthmtn.)	1025·7	+14	N	3	m	52	75	4	5	-	-	10	10	2500	1	2
	Lympne ...	1026·4	+18	NNE	4	b	47	75	8	1	7	-	Tr	1	2500	1	2
	Manston ...	1026·4	+18	NNE	4	bc	47	75	7	5	-	-	2-3	2-3	1500	1	*
2	Shoeburyness ...	1026·7	+18	ENE	3	b	47	85	8	1	-	-	Tr	Tr	1500	1	*
	Felixstowe ...	1027·1	+10	NE	4	bc	47	75	8	5	-	-	2-3	2-3	2500	1	1
	Gorleston ...	1027·4	+14	NNE	3	c	47	75	6	5	-	-	9+	9+	2500	1	2
	Mildenhall ...	1027·7	+20	NNE	3	c	49	85	7	5	-	-	9+	9+	2500	1	*
	Cranwell ...	1028·1	+10	NE'E	2	c	47	85	7	5	7	-	7-8	10	2500	1	*
3	Birmingham ...	1027·4	+14	ENE	3	c	48	75	6	5	-	-	10	10	1500	1	*
4	Upper Heyford	1027·8	+14	NE	3	z$_o$	47	85	6	5	2	-	9	10	1500	1	*
	Ross-on-Wye	1026·6	+10	E'N	3	z$_o$	51	75	6	7	-	-	4-6	4-6	4000	1	
5	Portland Bill ...	1025·4	+20	ENE	4	0	53	75	7	5	-	-	10	10	2500	0	3
	Plymouth ...	1024·7	+18	E'N	4	bc	58	65	7	5	-	-	2-3	2-3	4000	0	1
	The Lizard ...	1024·7	+10	N'W	4	bc	56	75	8	4	-	-	4-6	4-6	2500	0	2
	Scilly (St.Mary's)	1026·2	+2	N	4	b	53	85	8	-	-	-	0	0	-	0	2
	Guernsey ...	1025·0	+18	ENE	4	c	50	85	6	8	-	-	10	10	1500	1	3
6	Pembroke ...	1025·6	+6	NNE	3	bc	56	65	7	7	-	-	2-3	2-3	4000	0	2
7	Holyhead ...	1027·9	+10	ENE	3	b	53	65	8	-	3	8	0	1	-	1	2
	Chester(Sealand)	1027·1	+8	-	0	z$_o$	56	65	6	5	-	-	2-3	2-3	4000	1	*
8	Manchester ...	1027·5	+6	NE	3	z$_o$	55	55	6	1	-	-	1	1	4000	1	
10	Spurn Head ...	1028·5	+10	NNE	2	c	47	85	6	4	6	-	4-6	7-8	800	0	1
	Catterick ...	1028·2	+8	ENE	2	b	51	65	8	-	-	1	0	Tr	-	0	*
	Tynemouth ...	1028·0	+8	SE	2	bc	49	65	7	5	-	-	2-3	2-3	800	1	1
11	Inchkeith ...	1026·4	+2	NE	1	bc	56	85	7	8	-	-	4-6	4-6	1500	0	1
12	Leuchars ...	1026·9	+6	SE	2	bc	57	65	8	4	7	8	Tr	4-6	4000	1	*
	Renfrew (Abbots I.)	1027·8	+10	SW	2	z$_o$	55	75	6	8	2	-	9+	10	2500	0	*
	Eskdalemuir ...	1026·7	+6	NW	4	c	36	65	7	5	-	-	9	9	2500	1	*
	Point of Ayre...	1029·0	+4	NW'W	2	c	50	92	8	-	3	-	0	7-8	-	1	1
13A	Tiree	1027·9	+12	W'S	3	c	52	92	7	5	7	-	Tr	10	450	0	2
13B	Stornoway ...	1026·4	+8	SSW	2	c	49	97	8	5	7	-	7-8	10	1500	1	2
15	Dalwhinnie ...	1027·4	+10	SW	3	c	54	75	8	5	-	-	10	10	4000	0	*
	Aberdeen ...	1027·2	+6	S	3	bc	49	75	7	-	4	2	0	4-6	-	0	1
16	Wick ...	1028·7	0	S	3	c	48	92	8	5	7	-	7-8	9	1500	1	1
	Lerwick ...	1025·7	+4	SSW	4	c	46	85	8	5	7	-	7-8	9	1500	0	*
17	Blacksod Point	1028·9	+8	W	3	c	53	85	8	5	-	-	10	10	800	0	3
18	Malin Head ...	1027·7	+14	W	2	c	51	92	7	5	-	-	9+	9+	1500	0	1
	Aldergrove ...	1028·7	+12	-	0	d$_o$d$_o$	52	92	5	5	2	-	9+	10	450	1	*
19	Birr Castle ...	1027·6	+4	NE	1	c	58	75	8	5	1	-	7-8	10	2500	1	*
20	Valentia Obsy. †	1029·4	+2	NNW	4	b	55	75	9	1	-	1	Tr	Tr	2500	0	2
	Roches Point	1028·7	+6	S	1	c	55	85	8	5	-	-	7-8	7-8	2500	0	1

PAST 24 HOURS.

Weather. 7h.—13h. (37)	13h.—18h. (38)	18h.—1h. (39)	1h.—7h. (40)
cmdmgc	cz$_o$cd$_o$	d$_o$d$_o$cm$_o$	cm$_o$
cmidcfd	id$_o$bcz$_o$	cid$_o$c,bm$_o$	om$_o$
ir$_o$d$_o$d$_o$o	oid$_o$m$_o$c	oid$_o$m$_o$c	cm$_o$c
cm$_o$	cm$_o$	cm$_o$	cm$_o$
cm$_o$	cm$_o$	cm$_o$	cmc
cm$_o$	cm$_o$	cmc	cbcm$_o$
fod$_o$ir$_o$	bccb	bbcb	bc
r$_o$r$_o$m$_o$c	czcb	b,cbcc	coc
ddirc	cm$_o$cb	bo	o
cid$_o$cm$_o$	cm$_o$bc	bcc	ccm$_o$
oir$_o$z$_o$	c	c	co
ddm$_o$cz$_o$	cz$_o$id$_o$	cbcw	cowm$_o$
omd$_o$dcm	c	cbc	bcwcm$_o$c
cbcc	cbcc	cbc	bcbf
cm$_o$d$_o$	cm$_o$c	cm$_o$	om$_o$
bbccbc	bcz$_o$cz$_o$	bczbmw	bmwcmbm
c	c	c	c
cbc	bcybc	bcbm$_o$	bbcwm$_o$
cbc	bc	bcbzw	bbcc
c	cbcb	bw	bwbcm$_o$
ocbc	bcc	cbcb	c
bcqbc	bc	bbccm$_o$ (bc)	cm$_o$bc
bc	bc,b	bwm$_o$	bwm$_o$
cm$_o$bz$_o$	bcbz$_o$by	bbcz$_o$	bcffwc
bm$_o$cbc	cbcbz$_o$	bcm.	bcf
oco	oc	cbcw	cffw
om$_o$cm$_o$cbcyz$_o$	b	bc	bcmfbw
cbc	bc	bc	com
mzcbc	bc	bcc	cz$_o$
bcm$_o$c	bc	bccw	cm$_o$c
cm$_o$fm$_o$	cz$_o$	cz$_o$	bcbmfbw
mobc	bcc	cbcbz$_o$	bbcc
oco	oc	c	co
cid$_o$m	c	c	c
c	cd$_o$c	c	c
c	e	e	c
bwm$_o$c	bc	bccw	cwc
bcc	c	crorо	cm$_o$
coffe	c	c	offec
c	c	c	c
ocmzz$_o$	c	c	bcc
od$_o$cdd	cor$_o$d$_o$d$_o$	obbm$_o$c	cm$_o$c
c	c	c	c
cbcb	b	bbw	bwb
cbc	bcc	cbc	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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. ,, wet.
2 .. ,, flooded.
3 .. ,, frozen hard and dry.
4 .. ,, partly covered with snow or hail.
5 .. ,, covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 .. ,, covered with snow, less than 6 ins., but ground frozen.
9 .. ,, covered with snow greater than 6 ins. deep.

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

† See disturbance reported from Dungeness.

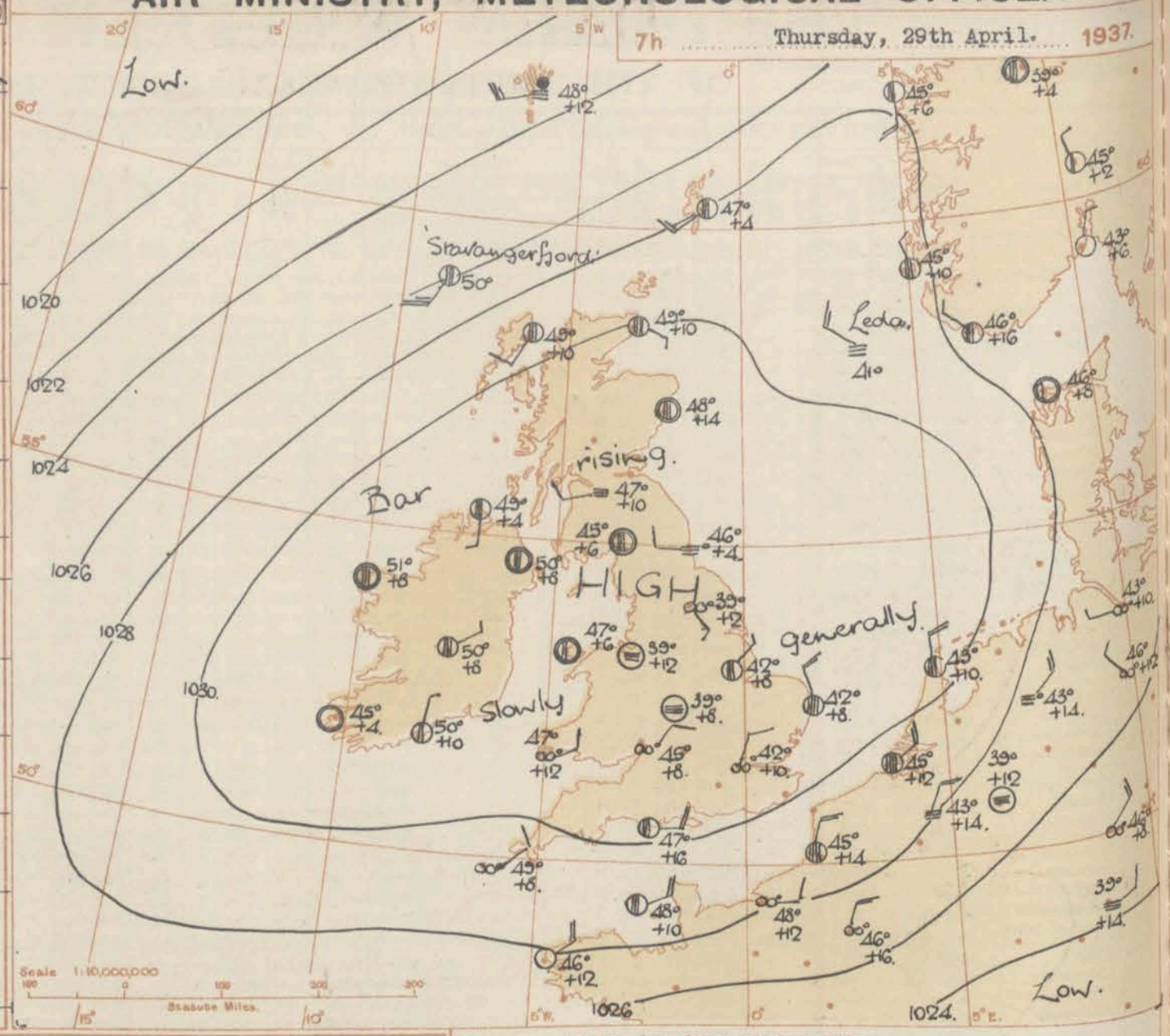
REPORTS from HEALTH RESORTS for 28th April 1937.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (F) Min. 9h. 27th to 9h. 28th	Temperature (F) Max. 9h.—17h. 28th	Rainfall (mm) Night. 17h. 27th to 9h. 28th	Rainfall (mm) Day. 9h.—17h. 28th	Sunshine (Hrs) Sunrise to 17h. 28th	Sunshine (Hrs) Sunrise to Sunset. 27th
1	Tunbridge W.	odo	cbc	45	54	7	Trace	2.4	7.0
	Bournemouth	cbcc	oco	53	57	2	-	2.5	6.0
	Ventnor ...	rcb	bcdb	51	58	3	Trace	3.8	8.3
	Southsea ...	bcc	cbco	50	56	2	-	1.1	4.7
	Bognor Regis	oir	ocbc	47	56	2	Trace	1.9	9.4
	Littlehampton	cod.	oc	47	56	2	Trace	1.4	8.8
	Worthing ...	od.c	bcb	46	58	4	0.3	1.3	9.0
	Brighton ...	cdcb	cbc	48	56	4	Trace	1.7	8.6
	Eastbourne† ...	d.o	ocb	45	53	9	0.4	3.4	7.2
	Hastings† ...	dmoc	bcbc	46	54	7	0.5	4.4	6.7
	Folkestone ...	om.dc	cbcb	43	51	4	0.3	3.0	2.3
	Dover ...	roc	cb	44	52	4	Trace	3.4	0.0
	Deal	roob	docb	43	54	2	Trace	3.8	2.2
	Ramsgate ...	cbc	bccbc	43	51	3	-	3.3	2.6
	Margate ...	cdbc	cbc	43	50	3	0.2	2.1	2.0
2	Southend ...	om	ocb	44	51	9	-	2.2	4.0
	Maldon ...	ro	oc	46	51	9	-	0.4	3.9
	Clacton-on-Sea	omc	cbcb	42	51	4	-	2.2	1.7
	Dovercourt ...	roc	bc	46	52	3	-	2.4	2.7
	Lowestoft ...	c	cbcv	43	49	0.6	-	0.2	4.4
	Skegness ...	occ	cco	44	47	6	-	0.0	5.1
	Mablethorpe...	ogco	oco	43	47	5	-	0.0	5.1
	Cleethorpes ...	cp	cbc	44	50	5	Trace	0.8	5.3
3	Leamington S.	orc	c	47	56	5	Trace	0.5	1.7
4	Cheltenham†	m.oc	c	47	53	5	-	1.6	3.2
5	Bath	bbc	bcc	53	56	2	-	4.9	4.5
	Weymouth ...	cbb	bm	53	63	-	-	6.7	4.3
	Jersey ...	rc	cbcz	51	58	2	-	2.3	8.6
	Torquay ...	bcb	bm.	54	63	-	-	8.4	1.2
	Penzance ...	ccbb	b	51	60	-	-	6.2	1.9
	St. Ives ...	c	b	50	54	-	-	6.7	1.1
	Bude... ...	bc	bc	50	57	-	-	9.4	0.0
	Ilfracombe ...	bcbc	bcb	49	60	-	-	8.9	0.0
6	Aberystwyth	prbc	bbc	49	57	3	-	10.1	0.0
7	Llandudno ...	bcb	b	47	56	0.6	-	9.4	0.0
	Colwyn Bay...	bcbcb	bcb	47	54	0.5	-	9.8	0.0
	Rhyl	cbbc	b	46	57	0.6	-	9.2	0.0
8	Wallasey ...	bc	bc	47	57	1	-	9.6	0.0
	Southport ...	bc	bcb	43	58	0.1	-	9.4	0.0
	Blackpool ...	bc	bcc	44	58	-	-	10.3	0.0
	Morecambe ...	b	bbcbc	44	58	-	-	11.5	0.0
9	Ilkley... ...	cbc	bc	42	55	3	-	3.4	0.0
	Harrogate ...	c	cbcb	42	53	3	-	2.8	2.5
10	Berwick-on-T.	bc	bbc	39	50	0.2	-	11.3	0.4
11	Dunbar ...	bcm.	bc	38	54	0.3	-	11.3	0.0
12	Troon... ...	wcfbf	cbccc	44	53	-	-	2.5	0.5
	Douglas ...	bc	bc	45	57	Trace	-	6.7	0.0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Thursday, 29th April. ..... 1937.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~ Rough. ≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 29th April, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light northerly winds, becoming variable; fair or fine, but local mist or fog at night; average day temperature, but chance of local ground frost at night.
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	Light variable winds; fair or fine; but local mist or fog at night; average day temperature, but chance of local ground frost at night.
12 S.W. Scotland & Isle of Man.	Light variable or southerly winds; cloudy at times; local mist or fog at night; rather warm.
13 A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland	Light southerly winds, freshening; local mist or fog; fair; rather warm.
15 N. E. Scotland	As 12.
16 Orkney and Shetland	As 13A - 14.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Light variable or southerly winds; bright periods; local mist or fog at night; rather warm.

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

GENERAL INFERENCE.

An anticyclone is centred over the British Isles and will tend to drift eastwards.

Weather will be fair or fine with rather high temperatures in the West.

FURTHER OUTLOOK.

Mainly fair and rather warm.

Forecasts issued at 1000 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

Morning of

THURSDAY.
29TH APRIL.
1937.

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 4 800

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 29th April, 1937.
No. 27552.

OBSERVATIONS at 1 hr. G.M.T. 29th 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	1029·6	+4	NE'E	3	z_o	43	85	6	5	-	-	10	10	800
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1028·8	+6	NNE	4	bc	41	92	7	5	-	-	2-3	2-3	1500
	Manston ...	142	1028·2	+2	NNE	4	c	43	85	7	5	-	-	10	10	800
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1029·5	+4	N'E	3	$_{bc}$	44	85	7	5	-	-	10	10	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1027·8	+4	NE	4	c	47	92	7	4	-	-	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1028·0	+4	NE'E	2	b	48	92	6	-	-	-	0	0	-
	Scilly (St.Mary's)	163	1028·0	+4	ESE	3	b	48	97	7	-	-	-	0	0	-
	Guernsey ..	175	1026·8	+6	ENE	3	c	48	85	6	8	-	-	7-8	7-8	2500
6	Pembroke ...	142	1028·6	+6	SE	2	z_o	48	92	6	5	7	-	4-6	9+	4000
7	Holyhead ...	26	1029·5	+6	WNW	1	b	46	85	6	-	-	-	0	0	-
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1029·7	+4	SE'E	1	bc	42	92	7	-	1	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1029·2	0	SSW	1	bc	46	75	6	5	-	-	2-3	2-3	1500
11	Inchkeith ...	190	1028·3	+6	SW	2	c	49	92	7	5	-	-	7-8	7-8	1500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1029·7	+4	WNW	2	c	49	92	8	5	-	-	9	9	4000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1028·2	+2	WSW	2	c	49	92	8	5	7	-	7-8	9+	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1027·6	+8	N	1	c/r	50	97	7	5	2	-	7-8	9	1500
16	Lerwick ...	156	1026·6	+4	WSW	4	$_{of}$	47	97	3	5	-	-	10	10	220
17	Blacksod Point	18	1030·3	+4	-	0	0	51	92	7	5	-	-	10	10	800
18	Malin Head ...	84	1030·2	+10	SSW	1	c	49	97	7	4	-	-	9	9	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1030·5	+10	SE	2	b	48	85	8	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 29th 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)	1030·8	+14	ENE	2	z_o	44	75	6	5	-	-	9+	9+	1500	1	*
	Croydon ...	1030·9	+10	NNE	2	z_c	42	85	6	5	-	-	10	10	800	1	*
	S. Farnborough	1030·8	+12	NE'E	2	c	44	85	7	5	-	-	9+	9+	1500	1	*
	Boscombe Down	1030·8	+14	NE'E	2	z_o	43	92	6	5	-	-	10	10	1500	0	*
	Calshot (Sthmtn.)	1030·5	+14	NE'E	2	z_c	44	85	6	1	-	6	Tr	7-8	1500	1	1
	Lympne ...	1030·6	+14	N'E	3	c	43	85	6	5	-	-	9+	9+	800	1	§2
	Manston ...	1030·0	+14	NNE	3	c	43	85	7	5	-	-	10	10	800	1	*
2	Shoeburyness ...	1031·0	+14	N'E	3	0	42	85	7	5	-	-	10	10	1500	1	*
	Felixstowe ...	1031·1	+10	N	2	z_o	42	85	6	5	-	-	10	10	1500	0	1
	Gorleston ...	1030·6	+8	N'W	3	0	42	92	7	5	-	-	10	10	2500	0	2
	Mildenhall ...	1031·6	+10	N	2	z_o	42	92	6	5	-	-	10	10	800	1	*
	Cranwell ...	1031·7	+8	NE'E	1	c	42	85	7	5	-	-	9+	9+	1500	1	*
3	Birmingham ...	1031·7	+8	-	0	if	39	97	2	-	-	-	0	0	-	1	*
	Upper Heyford	1031·7	+10	NE	3	z_o	41	92	5	5	-	-	10	10	800	1	*
4	Ross-on-Wye	1030·9	+8	NE'E	2	z_o	45	85	5	1	-	-	1	1	2500	1	*
5	Portland Bill ...	1029·8	+16	E	4	c	47	92	7	4	-	-	9+	9+	2500	0	3
	Plymouth ...	1029·7	+10	NE'N	1	z_o	48	92	6	5	3	-	2-3	4-6	2500	1	1
	The Lizard ...	1028·9	+10	NE	2	c	48	92	7	5	6	-	9	9+	1500	1	2
	Scilly (St.Mary's)	1029·3	+8	NE'E	2	z_o	48	97	5	-	-	-	0	0	-	0	2
	Guernsey ..	1028·7	+10	ENE	4	c	48	85	8	8	1	-	7-8	10	2500	1	3
6	Pembroke ...	1030·2	+12	ENE	2	z_o	47	92	6	7	-	-	2-3	2-3	4000	0	2
7	Holyhead ...	1031·0	+6	-	0	bc	47	92	8	-	3	-	0	2-3	-	1	0
	Chester(Sealand)	1031·3	+12	-	0	m/f	39	92	4	5	-	-	9	9	5700	1	*
8	Manchester ...	1031·5	+10	-	0	bf	41	97	3	5	-	-	1	1	5700	1	*
10	Spurn Head ...	1031·8	+10	NW'N	1	$_{bf}$	42	97	4	5	8	-	7-8	9	220	1	0
	Catterick ...	1031·0	+2	SE'S	1	z_o	39	97	5	-	3	-	0	4-6	-	1	*
	Tynemouth ...	1030·1	+4	W	2	m	46	85	4	5	-	-	10	10	1500	0	1
11	Inchkeith ...	1030·7	+14	SW	2	z_o	50	97	5	5	-	-	10	10	1500	0	1
	Leuchars ...	1030·9	+18	-	0	c	48	85	7	5	-	-	10	10	2500	1	*
12	Renfrew (Abbotsl.)	1030·3	+10	WSW	2	bc/f	47	97	7	-	3	-	0	4-6	-	0	*
	Eskdalemuir ...	1031·0	+6	-	0	c	45	97	6	5	-	-	10	10	1500	1	*
	Point of Ayre...	1031·1	+10	-	0	0	50	97	7	5	-	-	10	10	800	1	0
13A	Tiree	1030·6	+8	SSW	1	c	50	97	7	5	7	-	Tr	10	450	0	1
13B	Stornoway ...	1029·8	+10	SSW	2	c	49	92	7	5	7	-	7-8	10	2500	1	1
15	Dalwhinnie ...	*	+4	SW	2	c	48	55	6	4	2	-	2-3	10	1500	0	*
	Aberdeen ...	1030·9	+14	-	0	c	48	85	6	5	2	-	4-6	10	1500	0	1
	Wick ...	1030·6	+10	ESE	1	c	49	97	6	5	-	-	10	10	800	1	1
16	Lerwick ...	1028·0	+4	SW	3	c	47	97	7	5	-	-	9+	9+	450	0	*
17	Blacksod Point	1030·9	+8	-	0	c	51	92	8	4	-	-	10	10	800	0	1
18	Malin Head ...	1031·5	+4	S	1	c	49	97	7	4	-	-	7-8	7-8	2500	0	1
	Aldergrove ...	1031·2	+8	-	0	c	50	92	7	5	7	-	9	9+	4000	1	*
19	Birr Castle ...	1030·4	+8	NE	1	0	50	97	7	5	-	-	10	10	4000	1	*
20	Valentia Obsy.†	1030·7	+4	-	0	b	45	92	8	-	-	-	0	0	-	0	1
	Roches Point	1030·9	+10	NNE	1	bc	50	85	8	5	-	-	2-3	2-3	2500	0	1

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 28th Hrs. (36)
1	London (Kew)	53	43	40	0·2	0·2	0·1
	Croydon	54	41	40	0·1	Tr	1·2
	S. Farnborough	52	42	37	0·1	Tr	0·0
	Boscombe Down	52	42	39	-	-	1·4
	Calshot (Sthmtn.)	56	43	41	-	-	1·9
	Lympne	53	40	37	0·6	-	5·6
	Manston	51	43	41	0·4	-	4·8
2	Shoeburyness	52	41	37	0·2	-	4·4
	Felixstowe	51	41	40	0·1	-	3·9
	Gorleston	48	41	40	0·1	-	0·4
	Mildenhall	51	40	40	0·2	Tr	0·0
	Cranwell	49	33	27	Tr	-	0·2
3	Birmingham	51	38	27	-	-	0·9
	Upper Heyford	48	40	39	Tr	-	*
4	Ross-on-Wye	55	39	29	-	-	7·2
5	Portland Bill	60	46	*	-	-	*
	Plymouth	65	46	39	-	-	9·5
	The Lizard	62	46	*	-	-	*
	Scilly (St.Mary's)	55	45	*	-	Tr	5·4
	Guernsey ..	57	47	44	-	-	3·1
6	Pembroke	60	45	*	-	Tr	11·0
7	Holyhead	56	45	34	-	-	10·7
	Chester(Sealand)	58	36	30	-	Tr	10·6
8	Manchester	56	37	31	-	-	10·5
10	Spurn Head	50	39	*	-	Tr	2·1
	Catterick	54	33	29	-	-	6·0
	Tynemouth	52	42	37	-	-	6·6
11	Inchkeith	57	47	47	-	-	8·8
	Leuchars	59	45	38	-	-	8·8
12	Renfrew (Abbotsl.)	59	46	40	-	-	0·9
	Eskdalemuir	61	37	33	-	-	6·9
	Point of Ayre	58	42	*	-	-	2·0
13A	Tiree	55	49	47	Tr	-	0·0
13B	Stornoway	55	47	*	Tr	-	0·0
15	Dalwhinnie	58	46	43	-	-	3·9
	Aberdeen	54	46	45	-	-	10·9
	Wick	50	46	*	-	0·2	*
16	Lerwick	52	44	*	-	-	4·3
17	Blacksod Point	55	48	*	-	-	*
18	Malin Head	53	48	*	0·3	-	0·0
	Aldergrove	55	48	48	1	0·1	0·0
19	Birr Castle	59	48	38	-	-	0·0
20	Valentia Obsy.†	57	41	34	-	Tr	10·2
	Roches Point	61	45	*	-	-	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility 9h. To-day.
Kew	18	cm dm c	$_{cz}$ cd $_{c}$	$_{dd}$ cm $_{c}$	53	43	40	0·2	0·2	0·1	•	•	6
Croydon	217	cm $_{dc}$ fd	id $_{c}$ bc z_o	cd om	54	41	40	0·1	-	1·2	•	•	5
Greenwich (Royal Observatory)...	149	dem $_{c}$	c	cd $_{c}$ bc $_{c}$	55	41	37	0·3	Tr	0·7	74	84	5
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	0·4	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	54	43	42	0·2		0·3	70	80	•
Regents Pk. (Botanic Gardens)1...	168	•	•	•	53	43	39	1	Tr	0·4	81	80	•
Camden Square	110	cder	ccr	•	55	43	42	0·3	0·3	•	•	83	•
Kensington	80	co	cod $_{c}$	•	52	43	41	1	0·2	0·0	At 18h. 79	82	•
Hampstead Observatory	440	or	od	0	51	39	33	1	0·3	0·3	79	92	•

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 28th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 29th 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	1021·7	NE	2	bc	57	1026·6	NNE	3	z_o	46	59	41	-	-
Brussels	1023·7	NE	3	c	62	1028·2	NE'N	3	f	43	54	43	-	0·3
Berlin	1022·5	NE	2	c	54	1024·7	NW	1	m	50	59	41	-	-
Zürich	1019·8	N	1	bc	48	1021·4	NNE	1	b	41	55	37	3	-
Rome	1012·3	NNE	2	c	55	1014·5	N	3	b	50	•	•	-	-

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	11-14h 28th	<0·3	3-5h 29th

Kew Observatory. Max.	Time.	Min.	Time.
0·2	12h 28th	<0·1	2-6hrs 29th.

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. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director

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

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

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 30th April, 1937.
No. 27553.

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)	1030·4	-8	NNE	3	z.	48	75	5	-	-	-	0	0	-
	Croydon ...	1030·0	-12	NEE	3	z.	49	75	6	5	-	-	4-6	4-6	2500
	S. Farnborough	1030·0	-10	NEN	2	b	54	65	6	5	-	-	1	1	2500
	Boscombe Down	1030·3	+8	N	2	z.	50	75	6	1	-	-	2-3	2-3	1500
	Calshot (Sthmtn.)	1029·7	-10	-	0	z.	55	65	6	7	-	1	2-3	2-3	4000
	Lympne ...	1030·5	-4	NEN	4	c	46	83	7	5	-	-	9+	9+	1500
	Manston ...	1030·3	-6	NE	4	c	44	85	7	5	-	-	10	10	1500
2	Shoeburyness ...	1030·7	-6	NE	2	0	45	85	6	5	-	-	10	10	800
	Felixstowe ...	1031·2	-4	NEE	3	c	45	85	7	5	2	-	9+	10	800
	Gorleston ...	1031·0	+4	N	2	c	44	85	6	6	-	-	10	10	2500
	Mildenhall ...	1031·6	-2	NNE	1	c	46	85	7	5	-	-	10	10	1500
	Cranwell ...	1031·1	-4	ESE	1	c	52	75	9	2	-	-	7-8	7-8	2500
3	Birmingham ...	1029·6	-6	E	2	c	56	65	6	-	-	7	0	7-8	-
	Upper Heyford	1031·4	-2	EN	2	z.	47	85	6	5	-	-	10	10	1500
4	Ross-on-Wye	1029·7	-6	NNE	3	bc	57	55	7	1	-	1	Tr	2-3	4000
5	Portland Bill ...	1029·1	-6	E	2	b	52	85	7	-	-	-	0	0	-
	Plymouth ...	1029·6	-2	NEE	1	c	54	75	7	5	-	-	9	9	2500
	The Lizard ...	1029·6	0	ENE	3	c	54	75	6	4	1	-	7-8	9	2500
	Scilly (St. Mary's)	1029·7	0	NEE	2	c	55	85	6	5	-	-	9	9	2500
	Guernsey ...	1029·0	+2	ENE	4	c	48	85	7	8	-	-	10	10	1500
6	Pembroke ...	1031·0	-2	WS	1	z.	52	75	6	5	-	-	9+	9+	4000
7	Holyhead ...	1030·9	0	NW	2	bf	50	92	2	-	-	-	0	0	-
	Chester (Sealand)	1030·5	-8	WNW	4	z.	55	65	6	1	-	-	1	1	4000
8	Manchester ...	1029·7	-10	NW	2	z.	59	75	5	7	-	-	7-8	7-8	5700
10	Spurn Head ...	1031·3	0	SEE	3	bc	49	75	7	-	7	-	0	4-6	-
	Catterick ...	1030·8	-2	ENE	1	z.	57	65	6	7	-	-	9	9	2500
	Tynemouth ...	1030·4	+4	SE	2	c	47	95	6	5	-	-	9+	9+	1500
11	Inchkeith ...	1030·8	+2	NE	2	c	53	85	8	5	-	-	7-8	7-8	2500
12	Leuchars ...	1031·5	+2	ESE	2	c	55	85	7	5	-	-	9+	9+	1500
	Renfrew (Abbotsl.)	1030·5	-6	WNW	1	c	64	55	9	7	-	-	7-8	7-8	5700
	Eskdalemuir ...	1030·3	-2	-	0	c	58	75	8	7	-	-	9+	9+	2500
	Point of Ayre ...	1031·3	0	NNW	1	c	55	92	8	5	-	-	9+	9+	4000
13A	Tiree	1031·4	+2	WSW	2	c	54	75	7	5	7	-	7-8	9+	1500
13B	Stornoway ...	1030·6	+2	S	4	c	50	85	8	5	7	-	7-8	10	2500
15	Dalwhinnie ...	1030·9	0	SW	3	c	58	55	8	5	-	-	10	10	4000
	Aberdeen ...	1031·7	+6	E	2	c	52	85	7	5	-	-	9+	9+	2500
	Wick ...	1030·4	+12	N	1	c	50	92	8	5	7	-	7-8	7-8	1500
16	Lerwick ...	1029·8	+6	SW	3	c	49	97	5	5	-	-	9+	9+	450
17	Blacksod Point	1031·4	0	E	1	bc	58	65	9	4	-	-	2-3	2-3	2500
18	Malin Head ...	1032·1	+4	NW	1	c	54	65	8	5	5	8	2-3	7-8	2500
	Aldergrove ...	1031·6	-4	W	1	c	60	65	8	8	-	-	9	9	2500
19	Birr Castle ...	1030·7	-2	SE	1	c	65	65	8	4	-	-	7-8	7-8	4000
20	Valentia Obsy. †	1030·9	-2	NW	2	bc	57	75	8	7	-	-	2-3	2-3	4000
	Roches Point	1031·2	+2	SE	2	bc	55	75	8	7	-	-	2-3	2-3	4000

OBSERVATIONS at 18h. G.M.T. 29th 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)
1030·0	-6	NEN	3	z.	47	75	6	5	-	-	10	10	1500	1	*
1029·9	-2	NNE	3	z.	46	85	5	5	-	-	10	10	800	1	*
1029·7	+2	EN	2	c	47	75	6	5	-	-	10	10	1500	0	*
1029·0	-6	NEN	3	z.	52	75	6	-	-	-	0	0	-	0	*
1028·8	-2	ESE	3	z.	51	85	6	7	-	-	4-6	4-6	4000	1	*
1029·9	+2	NNE	4	c	43	85	6	5	-	-	10	10	1500	1	§ 2
1029·9	-2	NNE	4	c	44	85	7	5	-	-	10	10	800	1	*
1030·3	-2	NEN	3	c	45	85	7	5	2	-	9	10	800	1	*
1031·1	0	NNE	3	c/d	44	85	6	5	-	-	10	10	800	1	1
1031·3	0	NNE	3	c	45	75	7	5	-	-	10	10	2500	0	2
1030·7	-6	ENE	2	c	47	75	8	5	-	-	9+	9+	2500	1	*
1030·7	-2	E's	2	b	49	75	9	7	-	1	1	1	2500	0	*
1028·8	-2	E	3	z.	55	65	6	-	-	-	0	0	-	1	*
1030·3	-6	ENE	3	z.	50	75	6	-	-	-	0	0	-	1	*
1028·6	-6	E	3	bc	56	65	7	5	-	8	4-6	4-6	4000	0	*
1028·3	-4	NW	2	b	49	92	7	-	-	-	0	0	-	0	2
1028·8	-2	SSW	2	z.	51	85	6	5	-	-	4-6	4-6	4000	0	1
1028·4	-6	EN	2	c	50	85	6	5	-	8	4-6	7-8	2500	0	2
1029·3	-6	ENE	2	bc	52	85	7	5	-	-	4-6	4-6	2500	0	1
1028·5	-4	ENE	3	bc	48	85	7	8	-	-	2-3	2-3	2500	0	3
1028·3	-8	NNE	3	bc	55	65	7	-	1	-	0	4-6	-	0	1
1030·2	-6	NE	2	b	52	85	8	5	-	-	Tr	Tr	4000	0	1
1030·2	-2	WN	3	z.	52	65	6	5	-	-	7-8	7-8	4000	1	*
1029·6	+2	NEN	2	z.	59	65	5	5	3	-	4-6	7-8	2500	0	*
1031·3	0	ENE	3	c	46	85	7	5	7	-	4-6	7-8	1500	0	2
1031·1	+2	NEN	2	z.	55	55	5	7	-	-	9	9	4000	1	*
1031·8	+2	SE	2	c	46	92	7	5	-	-	7-8	7-8	1500	0	1
1030·5	-4	NE	2	bc	45	97	8	5	4	-	2-3	2-3	2500	0	1
1031·4	-4	E	3	b	55	85	8	1	3	1	Tr	1	2500	1	*
1030·5	-2	WN	2	bc	62	55	9	7	-	-	2-3	2-3	5700	0	*
1030·5	+2	ENE	3	c	56	75	6	8	-	-	9+	9+	2500	1	*
1030·8	-4	NNW	3	c	55	75	8	-	3	-	0	7-8	-	0	1
1031·6	-2	WNW	1	c	54	75	8	5	-	-	9+	9+	4000	0	1
1030·9	-2	S	4	c	50	85	8	5	7	-	7-8	10	2500	1	2
1030·5	-2	SW	3	c	60	55	8	5	4	-	7-8	9	4000	0	*
1031·6	-2	E'S	3	bc	49	85	6	5	3	1	2-3	2-3	4000	0	1
1031·3	+2	ESE	1	c	50	92	8	5	7	-	7-8	9+	1500	1	*
1030·0	+2	SW	3	c	48	97	6	5	-	-	9+	9+	450	0	*
1029·8	-2	N	3	b	56	75	8	-	-	-	0	0	-	0	2
1032·0	-2	ENE	2	b	51	85	8	-	-	-	0	0	-	0	0
1031·0	-4	E	1	bc	60	65	8	5	-	-	4-6	4-6	4000	1	*
1029·8	-4	SE	1	c	63	65	8	5	-	-	9+	9+	4000	0	*
1030·2	-2	NW	2	c	56	85	8	5	-	-	9+	9+	4000	0	2
1030·2	-8	S	1	b	55	85	7	-	-	-	0	0	-	0	1

PAST 24 HOURS.

Weather. 7h.–13h. 29th (37)	Weather. 13h.–18h. 29th (38)	Weather. 18h. 29th to 1h. 30th (39)	Weather. 1h.–7h. 30th (40)
cm.bz.	bz.cz.	cz.	cm.
ocm.bcz.	bcz.cm.	cm.id.	cm.
m.cbcz.	bz.cm.	cm.	c m.c
cm.	bm.	bw mbcm.	cm.
cm.	bcbcm.	bcm.c	ccm.
c	c	cm.	ctn.bm.
c	c	c	c
om.c	cm.c	c	c
cm.c	cid.cm.	cid.cm.	cm.c
Od.oc	c	c	c
cm.z.c	c	c	c
cbc	bcb	bbc	bcc
fbc	bcz	bbc	bco
om.	cbc bz.	bbccm.w	cm.w
bcm.bz	bybc	cbm.	bm.wco
cbc	b	bcc	cz.c
bcm.c	cbbcm.	bcbm.	bbccm.w
cz.	cz.	cbcbw	bbcc
bccm.	cbc	bc bw	bwbcc
c	cbc	bcc	c
bccz.	cz.bc	b	bcc
bbcb	bff	bw	bwm.
cbcmbz.	bbcz.	cm.w	bcmbfwc
bfmbz.c	cz z.	cz.bccm	cw
fmcbc	bcc	c	co
mowcz.	z.czzoy	cz.yc	ccm.
ocm	c	c	cbc
z.c	cbc	bc	bczw
cm.c	c, b	bwm.	bwm fm
c z. bc	bcy	bcy bwm	bwbcf
c	cjpcm.	cbcb	bccbcw
oc	c	cbc	c
c	c	cbc	bcbw
bc	bc	b	bc
c	bcc	cbcw	bcwcbw
bbc	bcb	bbcw	bwz.

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, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
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 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu. and Sc.
8 Large-Cu (or Cb) and Sc.
9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac 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 Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little cirrus.
(Cc may occur with any of the types 1 to 8).

Cloud form abbreviations:—
Cirrus,–Ci: Cirrocumulus,–Cc: Cirrostratus,–Cs: Altocumulus,–Ac: Altostratus,–As: Stratocumulus,–Sc: Stratus,–St: Nimbostratus,–Ns: Cumulus,–Cu: Cumulonimbus,–Cb.

COLUMN 29.—STATE OF GROUND.

0 .. Ground dry.
1 .. „ wet.
2 .. „ flooded.
3 .. „ frozen hard and dry.
4 .. „ partly covered with snow or hail.
5 .. „ covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. „ covered with snow, less than 6 ins., deep but ground not frozen.
8 .. „ covered with snow, less than 6 ins., but ground frozen.
9 .. „ covered with snow greater than 6 ins. deep.

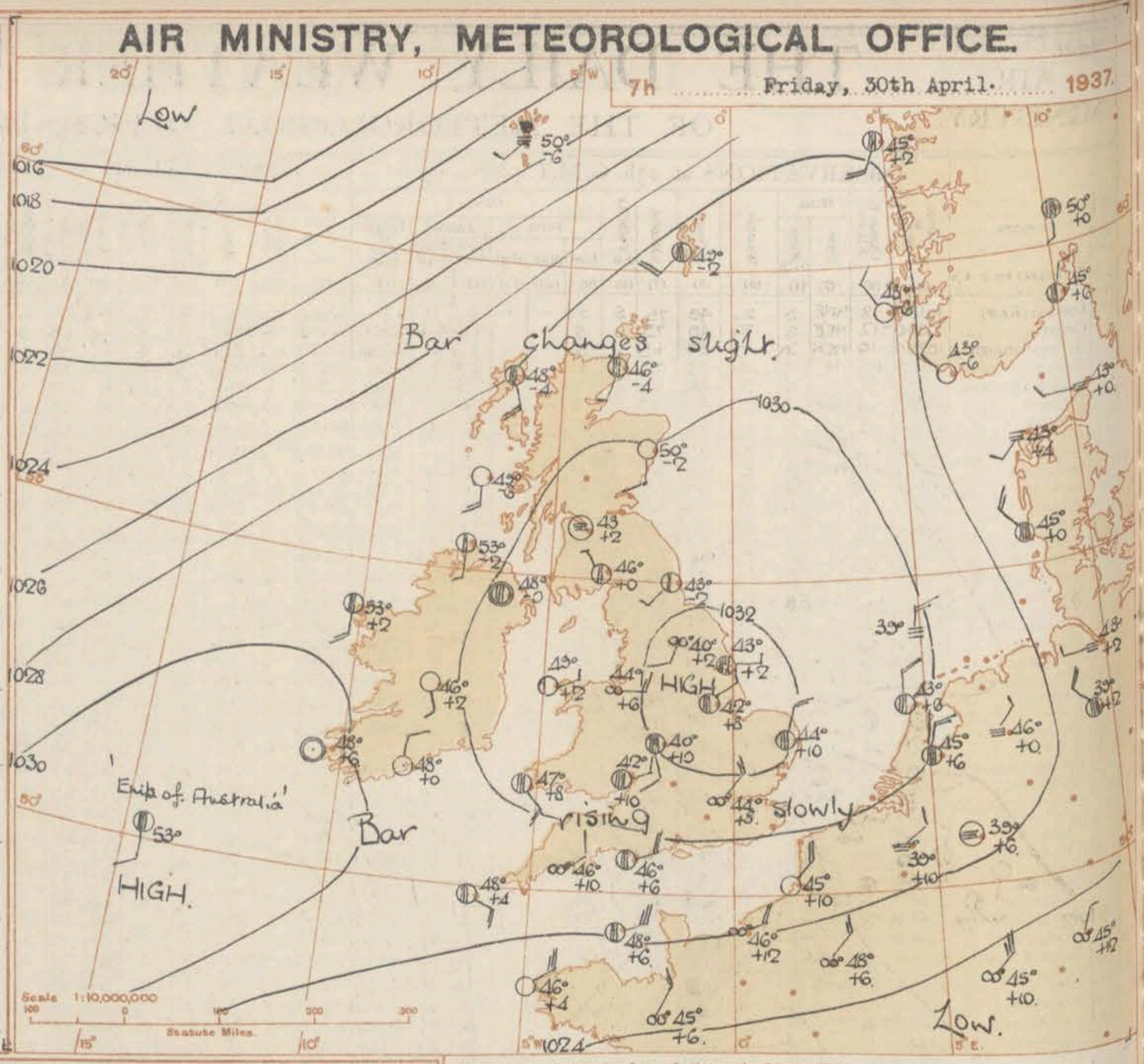
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 29th April 1937.

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (F) Min. 9h. 28th to 9h. 29th.	Temperature (F) Max. 9h.—17h. 29th.	Rainfall (mm) Night. 17h. 28th to 9h. 29th.	Rainfall (mm) Day. 9h.—17h. 29th.	Sunshine (Hrs) Sunrise to 17h. 29th.	Sunshine (Hrs) Sunrise to Sunset. 28th.
1	Tunbridge W.	oc	cbcco	38	50	-	-	1·6	3·4
	Bournemouth	cbcb	b	45	58	-	-	6·5	2·5
	Ventnor ...	ob	bbcz	43	56	-	-	5·4	4·0
	Southsea ...	ocb	bco	42	56	-	-	5·0	1·1
	Bognor Regis	ocbc	bcbcc	41	53	-	-	4·8	1·9
	Littlehampton	cbc	bcc	42	56	-	-	5·5	2·0
	Worthing ...	cbcb	bbc	42	54	-	-	5·6	2·5
	Brighton ...	c	bbcb	43	56	-	-	6·1	3·1
	Eastbourne† ...	c	cbcco	43	52	-	-	4·3	4·9
	Hastings† ...	cbc	bcbcc	42	51	Trace	-	2·1	6·0
	Folkestone ...	cbc	bcco	43	47	-	-	0·0	4·5
	Dover ...	o	o	44	48	-	-	0·0	4·8
	Deal	o	o	44	47	-	-	0·0	5·4
	Ramsgate ...	c	c	43	46	-	-	0·0	4·7
	Margate ...	c	c	43	46	-	-	0·0	4·0
2	Southend ...	o	o	41	46	Trace	-	0·0	3·5
	Maldon ...	o	o	41	46	-	-	0·0	0·5
	Clacton-on-Sea	oc	co	40	46	-	-	0·0	4·2
	Dovercourt ...	bcc	oc	41	46	-	-	0·0	3·9
	Lowestoft ...	old oc	c	41	45	-	Trace	0·0	0·4
	Skegness ...	cbc	bbcbc	42	48	-	-	5·2	0·0
	Mablethorpe...	cb cb	bbc	42	49	-	-	8·3	0·0
	Cleethorpes ...	obc	bc	36	50	-	-	8·8	1·9
3	Leamington S.	bc	b	40	57	-	-	9·3	0·5
4	Cheltenham†	bcb	bbcby	39	61	-	-	10·7	1·6
5	Bath	bcb	b	44	58	-	-	7·4	4·9
	Weymouth ...	cb	b	47	56	-	-	8·2	6·7
	Jersey ...	cbc	bco	47	55	-	-	5·7	3·6
	Torquay ...	ocbc	b	47	54	-	-	6·8	10·4
	Penzance ...	bccbc	c	45	56	-	-	3·4	8·0
	St. Ives ...	c	c	46	55	-	-	3·9	8·7
	Bude... ...	bc	bc	51	58	-	-	8·8	10·5
	Ilfracombe ...	cbcb	bbcb	47	56	-	-	9·9	10·1
6	Aberystwyth	zbc	bbc	40	55	-	-	11·0	10·6
7	Llandudno ...	bcb	b	41	58	-	-	9·8	10·8
	Colwyn Bay...	bcb	b	41	55	-	-	9·6	11·2
	Rhyl	bcb	b	38	55	-	-	9·7	10·0
8	Wallasey ...	b	bbcc	41	56	-	-	9·2	9·6
	Southport ...	bbccz	cz	39	57	-	-	4·5	11·0
	Blackpool ...	bm	bccoc	39	55	-	-	3·8	11·7
	Morecambe ...	czcbc	bzbcc	41	57	-	-	4·1	13·1
9	Ilkley... ...	bbcc	bcc	38	61	-	-	5·4	5·2
	Harrogate ...	bbcc	bcc	40	58	-	-	5·1	4·2
10	Berwick-on-T.	om	c	46	51	-	-	0·0	11·8
11	Dunbar ...	bcm	bc	48	54	-	-	1·2	11·6
12	Troon... ...	cbcvb	bbcb	43	57	-	-	4·5	2·5
	Douglas ...	c	cb	45	61	-	-	1·6	7·1

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



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 30th April, 1937.
1 S.E. England 2 E. England ...	Light northeast winds; cloudy at times, but considerable bright periods; average temperature.
3 E. Midlands ... 4 W. Midlands ...	Light variable winds; fair; rather mild.
5 S.W. England	Moderate northeast winds; fair; rather mild.
6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	As 3 & 4.
12 S.W. Scotland & Isle of Man.	Light variable or southerly winds; fair; rather mild.
13 A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Freshening southerly winds; becoming cloudy, with occasional showers later; rather mild.
17 N. W. Ireland	Moderate southerly winds, becoming cloudy; rather mild.
18 N. E. Ireland	As 12.
19 S. E. Ireland 20 S. W. Ireland	As 3 & 4.

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

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~ Rough ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is high over the British Isles and a deepening depression south of Iceland will move rapidly northeast. It will be fair and rather mild in most districts though in the North, cloudy conditions with showers will spread from west later.

FURTHER OUTLOOK.

Continuing fair for several days in the South.

Forecasts issued at 1000 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.
Director.

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

Morning of

FRIDAY
30TH APRIL

1937.

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

Clarke's Projection Scale 1: 4 x 10⁷ along meridian 60° 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 wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. (T) Thunder. T Thunderstorm. Slight haze.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 30th April, 1937

No. 27553.

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)	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	1030·4	-2	NE	2	Z_o	43	92	6	5	–	–	10	10	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1030·2	-2	NNE	3	c	44	85	6	5	–	–	10	10	1500
	Manston ...	142	1029·7	-2	NNE	4	c	45	85	8	5	–	–	10	10	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1031·9	+2	NE	3	c	44	85	7	5	–	–	10	10	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1028·3	-4	E	4	c	47	92	6	5	–	–	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1028·3	-4	N'E	2	b	44	92	7	–	–	–	0	0	–
	Scilly (St.Mary's)	163	1028·8	-6	NE'N	1	b	46	97	6	–	–	–	0	0	–
	Guernsey ..	175	1028·3	-2	ENE	4	c	46	85	6	8	–	–	10	10	2500
6	Pembroke ...	142	1029·0	0	E'N	3	b	49	85	7	–	–	–	0	0	–
7	Holyhead ...	26	1030·0	-2	ENE	1	b	50	85	7	–	–	–	0	0	–
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1032·1	+4	E'S	3	c	43	75	7	5	1	–	9	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1032·7	+4	S	2	o	43	92	7	6	–	–	10	10	800
11	Inchkeith ...	190	1031·2	+4	N	2	bc	46	97	7	5	4	–	2-3	4-6	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1030·8	0	ENE	1	bc	47	97	8	5	–	–	4-6	4-6	4000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1029·4	-4	S	3	c	49	85	8	5	7	–	7-8	9	2500
15	Dalwhinnie ...	1178	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1030·5	-6	SSW	2	c	47	97	8	5	7	–	7-8	10	1500
16	Lerwick ...	156	1029·3	-6	SW	3	c	48	92	8	8	7	–	4-6	7-8	800
17	Blacksod Point	18	1029·1	-10	–	0	b	49	85	8	–	–	–	0	0	–
18	Malin Head ...	84	1030·6	-10	S	1	b	48	85	8	–	–	–	0	0	–
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1030·0	+6	–	0	b	51	92	8	–	–	–	0	0	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 30th 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)
1031·3	+6	NE	3	Z_o	45	75	6	5	–	–	10	10	1500	1	*
1031·2	+8	NE'E	3	Z_o	44	85	5	5	–	–	10	10	2500	1	*
1031·4	+8	NE'E	2	c	44	85	6	5	–	–	10	10	1500	0	*
1031·1	+10	NE'E	2	o	43	75	6	5	–	–	10	10	1500	0	*
1030·4	+6	NNE	3	Z_o	47	75	6	5	–	–	9+	9+	2500	1	2
1030·7	+6	NE	4	Z_o	46	85	6	5	–	–	7-8	7-8	1500	1	2
1030·4	+8	NE	3	c	45	85	6	5	–	–	10	10	1500	1	*
1031·6	+10	NNE	3	c	45	85	7	5	2	–	9	10	800	1	*
1032·1	+6	NNE	3	c	44	85	7	5	–	–	10	10	1500	1	1
1032·2	+10	NNE	3	c	44	85	6	5	–	–	10	10	2500	0	2
1032·4	+12	NE	2	c	43	85	7	5	–	–	10	10	1500	0	*
1032·7	+8	NE'E	1	c	42	85	8	5	7	–	4-6	10	1500	1	*
1032·8	+10	SSE	2	o	40	85	6	5	–	–	10	10	1500	1	*
1032·7	+8	NE'E	3	Z_o	41	85	6	5	–	–	10	10	1500	1	*
1031·5	+10	ENE	2	o	42	85	6	5	–	–	10	10	2500	0	*
1029·5	+6	ENE	4	c	46	92	7	4	–	–	9+	9+	2500	0	3
1029·6	+10	NE'E	2	Z_o	46	85	6	5	–	–	9+	9+	1500	1	1
1028·7	+6	NE	4	c	47	92	7	5	–	–	9+	9+	1500	1	2
1028·8	+4	E'S	3	c	48	97	6	5	–	–	7-8	7-8	2500	0	1
1028·2	+6	ENE	5	c	48	85	6	8	1	–	7-8	9	1500	0	3
1030·2	+8	SE	3	c	47	85	7	5	–	–	9+	9+	4000	0	2
1030·8	+2	ENE	1	b	49	85	6	7	–	–	Tr	Tr	4000	0	1
1031·5	+6	E	3	Z_o	44	86	6	5	–	–	9	9	2500	1	*
1032·4	+10	SE	2	Z_o	42	85	5	5	–	–	10	10	1500	1	*
1032·4	+2	E	1	o	43	85	7	6	–	–	10	10	1500	0	1
1032·6	+2	SSW	2	Z_o	40	92	6	5	–	–	10	10	2500	1	*
1031·6	-2	SW	1	bc	43	92	5	5	–	–	4-6	4-6	2500	0	1
1030·8	-4	SW	2	m	44	97	4	5	–	–	2-3	2-3	800	1	1
1030·8	0	NW	1	m/f	43	97	4	–	–	–	0	0	–	1	*
1030·6	+2	–	0	c/f	43	97	5	5	–	–	7-8	7-8	4000	0	*
1031·4	0	NW	1	bc	46	86	7	5	–	–	4-6	4-6	2500	1	*
1030·7	0	S	4	c	48	92	7	5	–	–	9+	9+	1500	0	2
1029·0	+6	S	3	b	49	92	8	–	–	–	0	0	–	0	1
1028·0	-4	SSE	4	c	48	92	8	6	7	–	4-6	9	2500	1	2
1030·3	-8	S	4	b	51	75	8	–	–	–	0	0	–	0	*
1030·0	-2	S	2	Z_o	50	65	6	–	–	–	0	0	–	0	1
1028·9	-4	SSW	1	c	46	97	6	5	7	–	7-8	9	1500	1	*
1028·3	-2	SW	4	c	49	85	8	5	8	–	7-8	9	1500	0	*
1029·4	+2	S	3	c	53	85	8	5	–	–	9	9	1500	0	2
1029·5	-2	S	1	bc	53	92	8	1	–	–	4-6	4-6	2500	0	0
1030·6	0	c	0	c	48	92	8	5	3	–	4-6	9+	4000	1	*
1029·9	+2	SSE	1	b	46	97	7	–	–	–	0	0	–	0	*
1030·3	+6	–	0	bc	48	92	8	7	–	–	4-6	4-6	4000	0	1
1029·9	0	N'E	2	b	48	92	6	–	–	–	0	0	–	0	1

PAST 24 HOURS.

Temperatures. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine .25th Hrs. (36)
49	43	42	–	–	2·1
51	43	42	–	Tr	2·4
57	43	43	–	–	6·1
54	39	35	–	–	6·2
57	45	43	–	–	6·3
46	42	40	–	–	0·1
46	44	43	–	–	0·0
46	43	43	–	–	0·0
45	43	42	Tr	Tr	0·0
45	42	42	Tr	–	0·0
48	42	41	–	–	0·1
55	39	35	–	–	8·6
59	39	36	–	–	6·7
51	39	32	–	–	*
59	41	34	–	–	11·8
53	45	*	–	–	*
57	45	39	–	–	8·1
64	44	*	–	–	*
56	45	*	–	Tr	7·4
51	46	41	–	–	2·8
56	46	*	–	–	10·8
54	46	37	–	–	11·0
57	305	28	–	–	8·8
62	88	30	–	–	4·9
49	42	*	–	–	10·6
57	38	35	–	–	1·9
45	41	39	–	–	3·9
55	43	41	–	–	6·9
58	38	30	–	–	5·9
66	41	35	–	–	6·5
61	38	32	–	–	0·1
58	45	*	–	–	2·2
55	40	34	–	–	0·0
52	46	*	–	–	0·1
62	35	27	–	–	3·8
54	45	43	–	–	4·2
52	44	*	–	–	*
49	47	*	–	–	0·9
58	46	*	–	–	*
54	52	*	–	–	6·7
63	41	35	–	–	2·8
66	42	32	–	–	3·3
59	44	39	–	Tr	10·0
56	46	*	–	0·1	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility 9h. To-day.
Kew	18	cm bz$_o$	bz c$_2$	cz m$_o$	49	43	42	–	–	2·1	*	*	6
Croydon	217	ac m bc$_2$	bc$_2$ c m	cm d$_o$	51	43	42	–	Tr	2·4	*	*	6
Greenwich (Royal Observatory)	149	c	c	c	48	43	41	–	–	0·0	80	80	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park)	27	*	*	*	49	43	43	–	–	0·2	78	80	*
Regents Pk. (Botanic Gardens)‡	168	*	*	*	48	43	42	–	–	0·0	89	77	*
Camden Square	110	c	c	*	48	43	43	–	–	0·5	At 18h. 77	78	*
Kensington	80	o	o c o	*	49	43	42	–	–	0·0	77	80	*
Hampstead Observatory	450	o	o	o	45	32	29	–	–	0·0	*	85	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 30th

South Kensington. Max.	Time.	Min.	Time.
0·3	11-14h 29th	<0·3	4-6h 30th

Kew Observatory. Max.	Time.	Min.	Time.
0·2	13 hrs 29th	<0·1	0-6 hrs 30th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 29th April. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 30th 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	1024·6	NNE	3	b	57	1026·5	NE	3	z	48	61	43	–	–
Brussels	1027·4	NE	4	c	48	1029·6	NE	2	m	39	55	39	–	–
Berlin						1025·9	N	2	z	43		39		–
Zürich	*	SW'W	1	b	*	1022·6	ESE	2	bc	43	63	39	–	–
Rome														

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 —Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

TERMS OF SUBSCRIPTION. { Single Copies, 1d. each: by post 1½d. 2/8 per month: 6/6 per quarter. 25/- per year.

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

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