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

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

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

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

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

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

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

THE INTERNATIONAL AND UPPER AIR SECTIONS.

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

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

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

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

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

(*d*) Table of meteorological observations received by Wireless Telegraphy from Ships on the 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	1–3
2	Slight breeze ...	Wind felt on face; leaves rustle	4–7
3	Gentle breeze ...	Leaves and small twigs in constant motion; wind extends light flag	8–12
4	Moderate breeze	Raises dust and loose paper; small branches are moved ...	13–18
5	Fresh breeze ...	Small trees in leaf begin to sway; crested wavelets on inland waters...	19–24
6	Strong breeze ...	Large branches in motion; whistling heard in telegraph wires	25–31
7	Moderate gale ...	Whole trees in motion; inconvenience felt when walking against wind	32–38
8	Fresh gale ...	Breaks twigs off trees; generally impedes progress	39–46
9	Strong gale ...	Slight structural damage occurs (chimney pots and slates removed)	47–54
10	Whole gale ...	Seldom experienced inland; trees uprooted	55–63
11	Storm	Very rarely experienced; accompanied by widespread damage	64–75
12	Hurricane ...	... ...	Above 75

GALE WARNINGS.

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

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

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

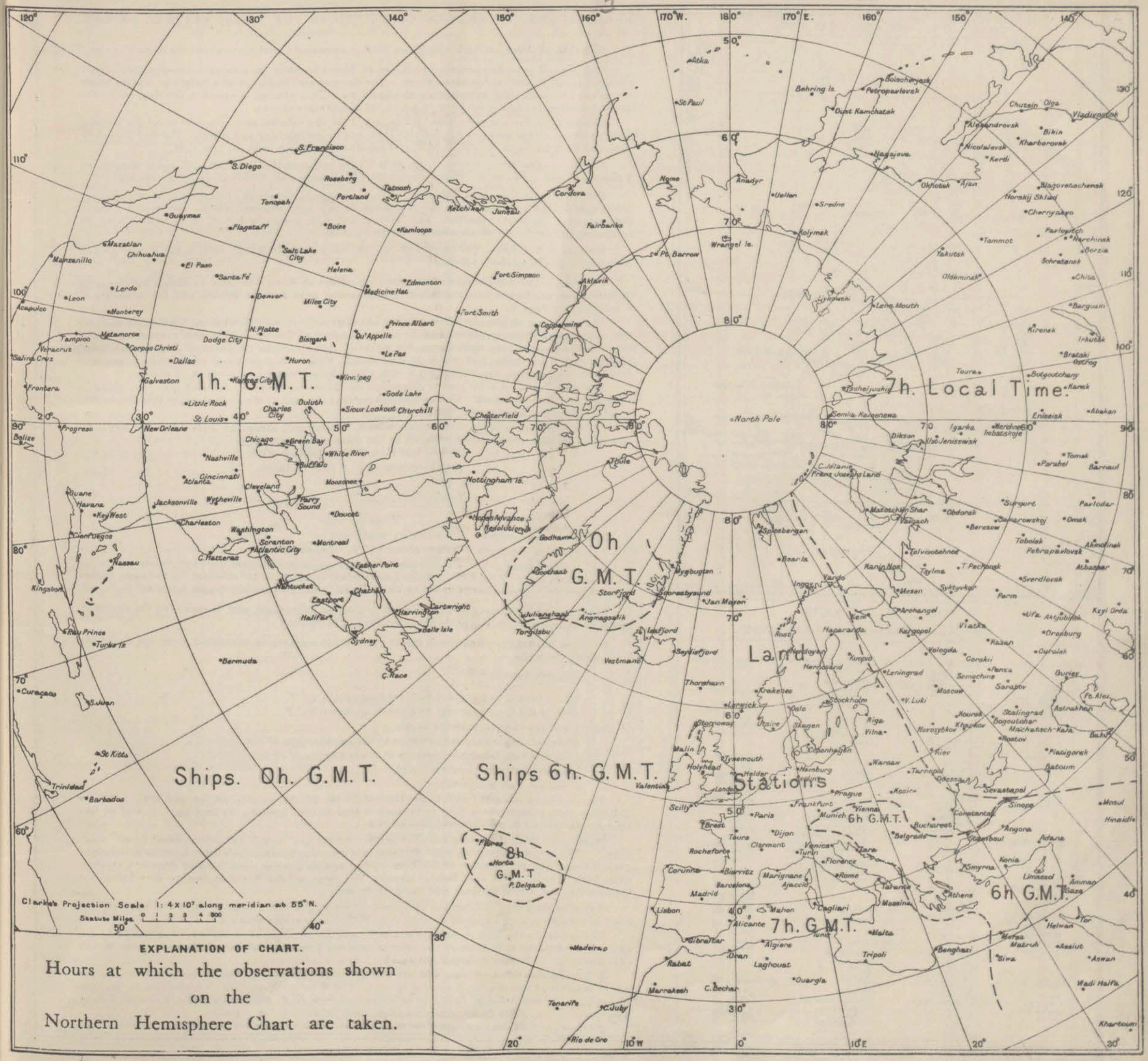
The *South Cone* (point downwards) is hoisted for gales commencing from a Southerly point. Such gales often veer, sometimes as far as Northwest.

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

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

▲ North Cone hoisted: ▼ South Cone hoisted:

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



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.

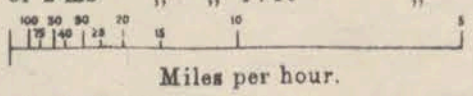
The scale below can be used to determine the theoretical wind as deduced from the pressure distribution on either chart. On the assumption that the path of the air is straight this theoretical wind is called the Geostrophic Wind.

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 1½% for each degree *below* 55°.

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

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

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

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

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

where x is the vapour pressure in mb.

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

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

t the dry bulb temperature; and

t' the wet bulb temperature.

The 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.341/3104 Wt.80. 4.4. D.4317 Gp.908 1940 E.37

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

MONTHLY SUPPLEMENT,

MAY 1937. No. 245.

Wet in South and East, becoming fine and sunny generally later in month.

Precipitation was considerably in excess of the normal in the south and east of England, in eastern counties falls of more than twice the normal were recorded. Falls in Scotland and Northern Ireland were generally less than normal. New low records were established at Renfrew and Aldergrove, while at Holyhead the monthly fall was the least since 1896.

Sunshine amounts varied considerably and the dull conditions existing in the south and east during the middle of the month resulted in totals below the average in these areas. In the west and in Ireland there was an excess of sunshine.

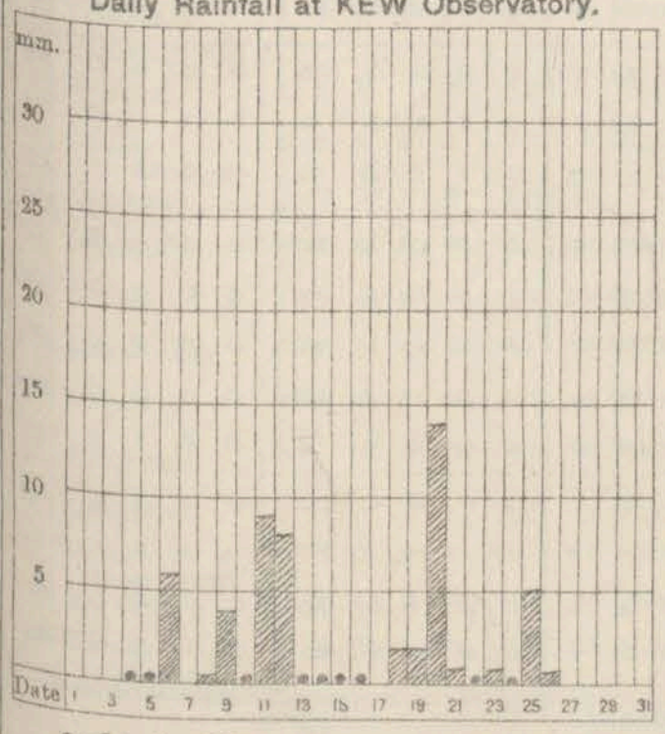
Temperatures were above the average generally until the 7th. From the 10th to the 15th temperatures were low, particularly on the 11th in eastern and midland districts when maxima of less than 50°F. were recorded. The latter half of the month was very warm, maximum temperature of over 80°F. were recorded at stations in Southeast England on the 25th, 29th and 30th. The mean maximum temperature of 61°F. at Renfrew being the highest recorded there since 1921.

Thunderstorms were reported on the 5th and 17th in Scotland and Northern England, while they occurred locally in southern and eastern districts on the 7th, 12th, 21st and on the 25th in the Channel Isles. On the 26th thunderstorms were widespread in the north and east and locally in the southeast. Hail showers were reported on the 5th, 12th and 21st in southern districts.

Strong winds were reported in northern and northwestern districts on several days and in the English Channel on the 21st and 22nd. Gales occurred on the northern coasts on the 5th, 27th and 29th to 31st, they were also reported from the northeastern coasts of England on the 5th.

Local fog developed on several days during the month, particularly from the 12th to the 15th in eastern and southeastern districts and in the Western Channel on the 26th and 29th.

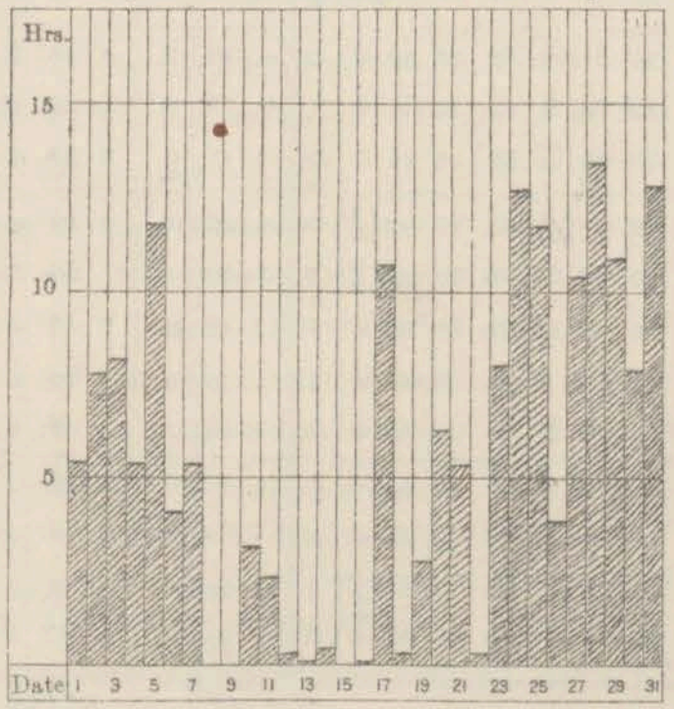
Daily Rainfall at KEW Observatory.



• = Less than 0·5 mm.

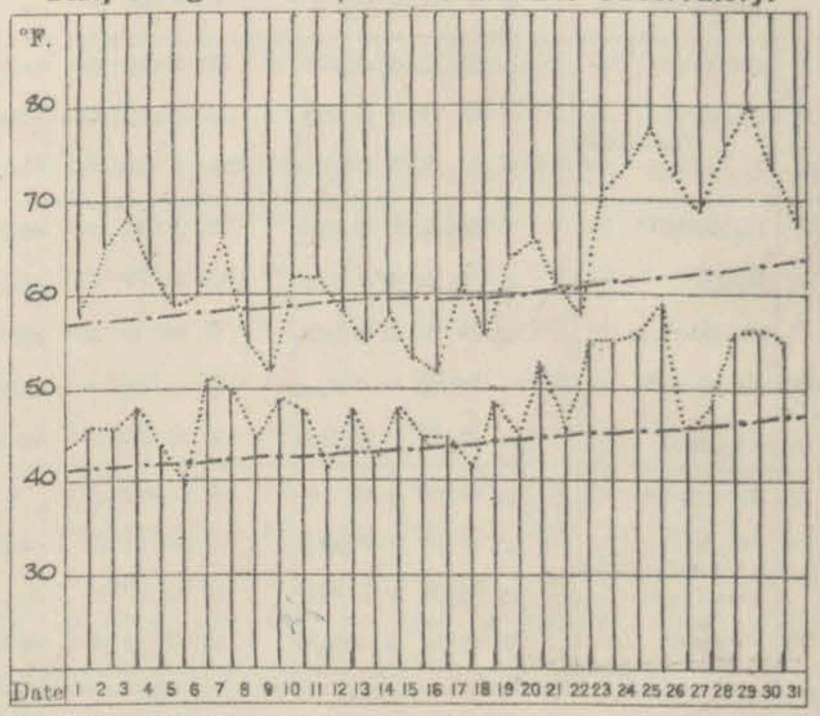
RAINFALL. Total for Month. 55 mm.

Daily Sunshine at KEW Observatory



SUNSHINE. Total for Month. 173 hrs.

Daily Range of Temperature at KEW Observatory.



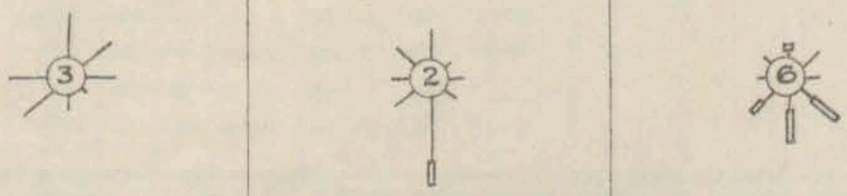
TEMPERATURE. The peaked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

Stations.	Pressure: Mean	Pressure: Difference from average	Temperature: Mean	Temperature: Difference from average
	mb.	mb.	°F.	°F.
Kew	1016.5	+0.6	56.1	+1.6
Aberdeen	1015.7	+0.7	49.3	+1.2
Valentia	1014.3	−1.0	52.7	+0.9

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

WIND FREQUENCIES AT 7 hr.



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

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

	miles.
Kew ...	5,284
Aberdeen ...	4,946
Lerwick ...	9,577
Valentia ...	8,266

SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY,

† TEMPERATURE.

District.	Stations.	Number of daily readings within fixed limits. Maximum. 42°-50°	51°-59°	60°-68°	69°-77°	78°-86°	Average Maximum.	Minimum. 24°-32°	33°-41°	42°-50°	51°-59°	Average Minimum.	Extremes—Warmest and Coldest. Days. Highest Max.	Date.	Lowest Max.	Date.	Nights. Highest Min.	Date.	Lowest Min.	Date.	Number of Ground Frosts.
							°F.					°F.	°F.		°F.		°F.		°F.		
1	London ... (Kew Obsy).	0	11	11	7	2	62.5	0	1	21	9	46.6	80	29	52	9, 16	59	26	40	6	1
	Croydon ...	0	11	11	8	1	61.7	0	3	20	8	45.3	79	29	53	15	59	26	39	6	0
	Calshot** ... (Southampton)	0	11	18	2	0	60.1	0	3	19	9	46.7	70	30	53	16	59	26	39	1	0
	Lympne ...	3	14	9	5	0	58.5	0	2	21	8	44.5	76	29	49	15, 18	58	26, 30	38	6	0
2	Shoeburyness ...	1	15	8	6	1	60.7	0	2	22	7	44.5	78	30	50	9	58	26	40	1	0
	Gorleston ...	8	13	9	1	0	56.8	0	2	21	8	45.8	77	30	47	2	55	30	41	1, 17	0
	Cranwell ...	1	12	12	6	0	60.2	0	8	20	3	42.4	75	29	48	13	56	26, 30	36	1	2
3	Birmingham ... (Edgbaston)	3	7	17	4	0	58.7	0	5	19	7	44.1	77	29	45	9	57	26	38	6	2
4	Ross-on-Wye ...	1	9	17	4	0	60.9	0	4	21	6	44.4	77	29	49	9	54	23, 24, 25	34	1	2
5	The Lizard ...	0	21	10	0	0	*	0	0	22	9	*	65	18	51	11	54	29	44	1, 17	*
7	Holyhead ...	0	25	6	0	0	54.8	0	0	25	6	46.5	67	28	51	12	57	29	43	6	0
8	Chester ... (Sealand)	1	13	13	4	0	59.6	0	9	16	6	43.5	75	29	49	9	55	23	34	6	1
10	Tynemouth ...	15	7	8	1	0	53.9	0	1	26	4	44.1	70	25	46	10, 13	54	25	41	17	0
11	Inchkeith** ...	5	20	6	0	0	53.9	0	3	27	1	43.7	68	29	47	2, 10	53	25	40	2, 9	0
12	Renfrew ...	2	7	22	0	0	57.6	0	11	18	2	41.6	68	29	49	9	56	29	33	2, 6	2
	Eskdalemuir ...	2	14	15	0	0	55.4	0	18	11	2	38.7	68	18	45	10	52	29	35	1	5
13n	Stornoway	1	28	2	0	0	52.8	0	4	26	1	42.2	61	27	50	5	52	29	36	6	*
15	Aberdeen ...	11	12	8	0	0	53.9	0	8	22	1	42.2	65	30	46	9	51	29	36	6	0
18	Aldergrove ...	0	12	19	0	0	*	0	11	17	3	*	67	25	53	5	55	29	34	14	4
19	Dublin ... (Phœnix Park)	0	9	21	1	0	58.7	0	10	18	3	42.2	69	29	51	9	54	25, 29	33	14	6
	Birr Castle ...	0	10	21	0	0	58.9	0	10	17	4	43.2	68	16	55	9, 12	55	29	35	11, 12, 14, 20	7
20	Valentia ... (Cahirciveen)	0	17	14	0	0	56.9	0	7	19	5	46.7	65	15	54	9	56	28	38	10	0

LOW CLOUD.

District.	Stations.	Number of observations within fixed limits. 7 h. Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	13 h. Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	18 h. Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.
1	London ... (Kew Obsy).	6	21	0	5	22	0	2	24	0
	Croydon ...	16	8	2	6	21	3	3	19	4
	Calshot** ... (Southampton)	8	14	0	3	24	1	4	18	0
	Lympne ...	11	9	2	9	18	1	5	15	5
2	Shoeburyness ...	6	14	2	2	24	1	1	22	3
	Gorleston ...	3	17	0	3	24	0	1	23	1
	Cranwell ...	17	10	2	5	25	0	5	24	0
3	Birmingham ... (Edgbaston)	6	14	0	4	24	0	3	26	0
4	Ross-on-Wye ...	10	16	0	3	28	0	2	27	0
5	The Lizard ...	4	27	0	2	29	0	2	28	0
7	Holyhead ...	6	17	2	3	25	2	2	22	1
8	Chester ... (Sealand)	4	17	2	2	29	0	2	27	1
10	Tynemouth ...	14	17	0	8	23	0	10	21	0
11	Inchkeith** ...	4	26	0	3	28	0	2	29	0
12	Renfrew ...	2	23	1	1	24	5	1	20	7
	Eskdalemuir ...	12	15	0	3	28	0	4	25	1
13n	Stornoway	0	31	0	0	29	1	0	31	0
15	Aberdeen ...	12	15	1	8	19	1	11	14	3
18	Aldergrove ...	15	11	1	2	29	0	2	26	1
19	Dublin ... (Phœnix Park)	*	*	*	*	*	*	*	*	*
	Birr Castle ...	0	22	0	0	31	0	0	31	0
20	Valentia ... (Cahirciveen)	3	21	2	2	27	2	3	24	4

FOG, MIST and GOOD VISIBILITY.

District.	Stations.	Number of observations within fixed limits. 7 h. Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	13 h. Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.
1	London ... (Kew Obsy).	0	1	0	3	7	0	0	0	3	15
	Croydon ...	0	0	2	4	9	0	0	1	0	17
	Calshot** ... (Southampton)	0	1	0	3	12	0	0	1	1	19
	Lympne ...	0	0	2	5	14	0	0	0	1	16
2	Shoeburyness ...	0	0	2	2	13	0	0	0	2	17
	Gorleston ...	0	0	3	2	7	0	0	3	1	9
	Cranwell ...	0	3	2	1	6	0	0	0	1	20
3	Birmingham ... (Edgbaston)	0	2	1	6	10	0	0	0	3	19
4	Ross-on-Wye ...	0	1	3	4	12	0	0	0	3	20
5	The Lizard ...	0	1	2	0	21	0	0	2	0	26
7	Holyhead ...	0	0	0	0	22	0	0	0	0	25
8	Chester ... (Sealand)	0	1	0	3	7	0	0	0	0	17
10	Tynemouth ...	0	1	2	3	10	0	0	3	1	15
11	Inchkeith** ...	0	3	0	2	20	0	3	0	0	27
12	Renfrew ...	0	0	0	1	12	0	0	0	0	26
	Eskdalemuir ...	0	1	1	1	18	0	0	0	0	25
13n	Stornoway	0	0	1	0	26	0	0	0	0	29
15	Aberdeen ...	0	0	3	2	13	0	0	1	0	15
18	Aldergrove ...	0	0	2	0	20	0	0	0	0	29
19	Dublin ... (Phœnix Park)	*	*	*	*	*	*	*	*	*	*
	Birr Castle ...	0	0	1	0	30	0	0	0	0	31
20	Valentia ... (Cahirciveen)	0	0	0	0	30	0	0	0	0	30

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	1,830	47.5	51.1	39	47.9	37		
850	4,810	36.9	41.4	39	39.1	37		
750	8,090	26.9	31.7	39	29.7	37		
650	11,770	15.7	20.9	39	18.1	37		
550	15,950	2.9	5.7	39	3.4	37		

UPPER WINDS.

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

Station. Height. Feet.	Lympne. No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75	Plymouth (Mt. Batten). No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75	Holyhead. No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75	Renfrew. No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75	Station. Height. Feet.
		miles per hour.						miles per hour.						miles per hour.						miles per hour.					
2,000	86	26	52	8	0	0	46	8	33	5	0	0	63	18	37	8	0	0	75	16	42	16	1	0	2,000
5,000	62	7	46	9	0	0	24	5	17	2	0	0	44	14	21	9	0	0	45	8	21	16	0	0	5,000
10,000	38	1	26	11	0	0	10	3	3	4	0	0	28	10	13	5	0	0	28	3	14	11	0	0	10,000
15,000	6	0	4	2	0	0	2	0	0	2	0	0	13	2	11	0	0	0	8	1	6	1	0	0	15,000

† The readings and averages used, are, except in the case of Phœnix Park, the maximum for the period 7 h.–18 h., and the minimum for the period 18 h.–7 h. The readings and averages for Phœnix Park are for daily periods ending 21 h. 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 ..... MAY, ... 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 Snow or Sleet.
1	London ... (Kew Obsy.)	3	8	7	5	8	13.5	28	1294	-175	173	-25	1880	315	1909	114	1932	17	5	5	4	0	0	14	20	757	+161	55	+11	1856	106	1856	4	1896	1	0
	Croydon ...	3	8	7	4	9	14.2	28	1263	-262	172	-19	1922	286	1922	115	1932	16	4	6	5	0	0	13	20	951	+282	63	+16	1921	103	1932	11	1936	1	0
	Calshot** ... (Southampton)	2	10	3	5	11	14.3	5	1512	-234	195	-19	1881	327	1909	109	1932	18	4	6	2	0	1	25	25	908	+262	67	+22	1871	137	1932	8	1895	3	0
	Lympne ...	5	7	4	5	10	14.9	24	1540	-225	187	-38	1921	311	1922	154	1932	16	5	7	2	0	1	26	20	987	+263	73	+33	1920	108	1930	14	1936	4	0
2	Shoeburyness ...	4	11	1	4	11	14.0	28	1419	-297	167	-57	1919	290	1922	146	1932	19	1	6	4	1	0	17	20	741	+261	74	+42	1920	79	1924	9	1936	1	0
	Gorleston ...	6	5	4	4	12	14.3	17	1541	-102	198	-25	1908	304	1919	127	1932	20	3	4	4	0	0	15	20	726	+104	54	+10	1871	99	1924	9	1917	2	0
	Cranwell ...	4	7	4	6	10	13.2	27	1328	-210	183	-6	1921	291	1922	99	1932	16	5	5	2	3	0	21	11	777	+187	92	+46	1917	117	1932	13	1934	3	0
3	Birmingham ... (Edgbaston)	5	5	5	6	10	13.6	18	1176	-128	180	+9	1887	252	1909	83	1932	18	3	4	6	0	0	15	26	928	+254	63	+9	1893	173	1932	5	1896	1	0
4	Ross-on-Wye ...	5	6	2	7	11	~~13.9~~ 14.3	~~18~~ 31	1255	-230	199	+13	1915	246	1922	104	1932	18	3	6	4	0	0	13	3	930	+212	61	+7	1859	139	1886	5	1896	2	0
5	Falmouth ... (Observatory)	3	7	4	9	8	~~13.1~~ sleet	18	1499	-211	185	-22	1881	336	1896	152	1925	19	4	6	2	0	0	11	11	1257	+150	41	-15	1871	142	1878	1	1896	0	0
7	Holyhead ...	2	2	8	5	14	14.1	13, 14, 18.	1541	-9	252	+50	1914	267	1929	154	1920	19	4	8	0	0	0	4	23	949	+61	19	-31	1871	121	1924	6	1895	0	0
8	Chester ... (Sealand)	2	7	8	6	8	13.7	5	1226	-150	182	+16	1923	242	1929	109	1932	13	1	7	4	0	0	14	20	832	+171	67	+20	1922	114	1924	9	1922	1	0
10	Tynemouth ...	4	7	8	7	5	12.0	27	*	*	147	*	1935	*	*	*	*	17	6	3	3	1	1	27	20	808	+187	85	+34	1915	151	1924	15	1929	3	0
11	Inchkeith** ...	0	11	6	9	5	13.1	18	1343	-83	169	-1	1923	215	1931	113	1933	19	7	3	1	1	0	20	21	593	+39	42	-6	1870	135	1906	12	1896	1	0
12	Renfrew ...	1	7	10	6	7	13.4	18	1095	-98	187	+25	1921	195	1929	106	1925	19	4	6	1	1	0	17	21	1071	+132	36	-24	1921	156	1925	38	1923	2	0
	Eskdalemuir ...	4	8	6	8	5	13.6	18	1082	-119	154	-7	1910	223	1919	102	1924	12	5	5	4	1	0	19	21	1639	+210	66	-18	1910	236	1925	15	1936	5	0
13B	Stornoway ...	2	6	5	4	14	14.5	12	1323	+108	236	+57	1881	279	1882	134	1920	15	4	8	4	0	0	14	21, 23	1129	-137	67	+2	1870	132	1920	15	1890	0	0
15	Aberdeen ...	4	5	12	4	6	14.2	22	1395	+66	164	-6	1881	249	1881	105	1927	21	6	1	2	1	0	18	21	676	-72	39	-20	1871	124	1906	16	1876	2	0
18	Aldergrove ..	1	4	6	11	9	13.3	5	1215	*	220	*	1927	234	1927	116	1933	19	4	7	1	0	0	5	21	1012	+174	24	-34	1926	90	1931	31	1928	0	0
19	Dublin ... (Phœnix Park)	2	7	3	8	11	12.7	15	1319	-118	209	+29	1881	291	1882	114	1925	17	7	5	2	0	0	8	9	839	+134	29	-24	1865	141	1925	7	1895	1	0
	Birr Castle ...	2	6	6	4	13	12.3	14	1194	-112	213	+44	1881	268	1901	107	1925	14	7	6	2	2	0	17	9	1014	+185	70	+13	1862	126	1916	9	1896	0	0
20	Valentia ... (Cahirciveen)	2	5	7	6	11	14.6	11	1294	-74	221	+37	1880	296	1896	139	1914	11	5	11	2	2	0	18	9	1506	+92	85	+4	1866	168	1913	6	1896	1	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	3	8	7	11	1	0	0
Ross-on-Wye ...	0	1	1	7	4	4	13	1	0	0
Falmouth (Obsy.)	3	1	10	8	6	3	0	0	0	0
Renfrew ...	0	0	1	1	6	14	8	1	0	0
Eskdalemuir ...	0	0	1	4	6	9	8	2	1	0
Aberdeen ...	1	0	4	10	10	2	2	2	0	0
Valentia ...	0	1	1	6	14	7	1	1	0	0

** 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.

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)	9	22	0	0	0	0	0	0	0	0
Ross-on-Wye	16	15	0	0	0	0	0	0	0	0
Renfrew ...	29	2	0	0	0	0	0	0	0	0
Eskdalemuir	14	17	0	0	0	0	0	0	0	0
Aberdeen ...	21	10	0	0	0	0	0	0	0	0
Valentia ...	11	20	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.

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

H.M. Stationery Office Press, K. gway, W.C.2

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AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 1st May. 1937.

No. 27554.

OBSERVATIONS at 13h. G.M.T. 30th 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)	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)	1030·8	-8	ENE	2	z.	53	65	5	5	–	–	Tr	Tr	2500
	Croydon ...	1031·0	-6	ENE	2	z.	50	75	6	5	–	–	7-8	7-8	4000
	S. Farnborough	1030·4	-10	E'N	2	z.	55	65	5	5	–	–	Tr	Tr	2500
	Boscombe Down	1030·5	-10	ENE	2	z.	53	65	6	7	–	–	7-8	7-8	1500
	Calshot (Sthmtn.)	1029·9	-6	SE'E	3	z.	55	75	6	8	–	–	7-8	7-8	2500
	Lympne ...	1030·3	-6	NNE	4	bc	52	75	7	5	–	–	4-6	4-6	1500
	Manston ...	1031·0	-2	E'N	4	c	46	75	7	5	–	–	9+	9+	800
2	Shoeburyness ...	1031·3	-4	ENE	3	c	48	85	8	5	–	–	10	10	2500
	Felixstowe ...	1031·6	-4	ENE	4	bc	49	65	8	7	3	–	1	2-3	2500
	Gorleston ...	1031·6	-6	NNE	3	c	45	75	7	5	–	–	10	10	2500
	Mildenhall ...	1031·1	-14	N'W	2	bc	55	65	8	7	–	–	4-6	4-6	4000
	Cranwell ...	1031·7	-10	SE'S	1	bc	53	65	8	7	–	–	4-6	4-6	4000
3	Birmingham ...	1031·0	-10	–	0	b	49	65	6	–	–	–	0	0	–
	Upper Heyford	1031·3	-14	ENE	2	z.	52	75	6	7	–	–	4-6	4-6	1500
4	Ross-on-Wye	1030·7	-6	NE'N	3	z.	50	65	6	1	–	–	1	1	4000
5	Portland Bill ...	1029·4	-4	ESE	3	b	52	85	7	–	–	–	0	0	–
	Plymouth ...	1029·9	+2	E	3	bc	52	75	7	5	–	–	4-6	4-6	2500
	The Lizard ...	1029·1	+2	NE'E	4	c	52	75	7	8	6	–	4-6	7-8	2500
	Scilly (St.Mary's)	1029·8	+2	E	4	bc	54	75	7	1	–	–	2-3	2-3	2500
	Guernsey ...	1028·2	0	ENE	5	c	51	75	6	8	1	–	7-8	10	1500
6	Pembroke ...	1030·0	+2	SSE	3	z.	51	65	6	5	–	–	Tr	Tr	4000
7	Holyhead ...	1030·8	+2	WSW	3	z.	53	75	6	–	–	–	0	0	–
	Chester(Sealand)	1031·0	-8	ESE	3	z.	55	65	6	–	–	–	0	0	–
8	Manchester ...	1031·3	-8	SW'S	1	z.	54	65	6	1	3	–	1	2-3	2500
10	Spurn Head ...	1032·2	-4	E'S	2	c	47	75	7	5	1	–	7-8	10	1500
	Catterick ...	1030·3	-16	SE	3	z.	56	65	6	–	–	–	0	0	–
	Tynemouth ...	1030·3	-6	SE	3	bc	46	85	7	1	–	–	2-3	2-3	2500
11	Inchkeith ...	1028·9	-22	SSW	2	m	57	85	4	5	–	–	9+	9+	800
	Leuchars ...	1028·3	-18	NNW	1	z.	61	75	6	7	–	–	4-6	4-6	2500
12	Renfrew (Abbots I.)	1028·5	-14	SW	4	z.	64	55	6	1	–	–	2-3	2-3	5700
	Eskdalemuir ...	1028·6	-8	SW	3	bc	61	55	6	7	–	–	4-6	4-6	2500
	Point of Ayre...	1030·5	0	S	4	b	55	85	7	–	–	–	0	0	–
13A	Tiree	1028·2	-2	SW	4	c	54	85	7	5	–	–	9	9	4000
13B	Stornoway ...	1025·7	0	ESE	2	c	58	75	8	5	4	9	2-3	9	4000
15	Dalwhinnie ...	1028·9	-8	SW	4	bc	64	45	8	4	6	–	2-3	4-6	4000
	Aberdeen ...	1026·7	-20	S	4	z.	60	65	6	–	–	–	0	0	–
	Wick ...	1025·4	-16	S	3	c	49	95	7	7	7	8	4-6	7-8	800
16	Lerwick ...	1026·7	-16	SW	4	c	49	85	7	8	8	9	4-6	9	1500
17	Blacksod Point	1030·5	+8	W	3	c	54	75	8	5	–	–	10	10	1500
18	Malin Head ...	1029·2	+2	W'S	4	c	57	85	7	7	8	–	7-8	9	2500
	Aldergrove ...	1029·9	-10	SSW	1	c	60	75	7	5	–	–	9	9	5700
19	Birr Castle ...	1029·2	-4	NE	1	c	65	55	8	4	1	–	7-8	9+	2500
20	Valentia Obsy. †	1030·4	-2	NW'N	3	bc	59	75	8	7	–	–	2-3	2-3	4000
	Roches Point	1030·5	+4	ESE	3	bc	55	85	7	1	–	–	2-3	2-3	4000

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Cloud. Form. Med. (24)	Cloud. Form. High (25)	Cloud. Amount. Low 0–10 (26)	Cloud. Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1028·8	-10	NE	2	z.	57	65	5	–	–	–	0	0	–	1	*
	Croydon ...	1028·5	-12	ENE	3	z.	54	75	6	–	–	–	0	0	–	0	*
	S. Farnborough	1028·4	-10	E'N	1	z.	57	92	6	–	–	–	0	0	–	0	*
	Boscombe Down	1028·7	-8	N	2	z.	55	65	6	–	–	–	0	0	–	0	*
	Calshot (Sthmtn.)	1028·1	-10	E'S	1	z.	54	85	6	7	–	–	1	1	4000	1	0
	Lympne ...	1029·4	-4	NE'N	3	bc	47	85	7	5	–	–	4-6	4-6	1500	1	3
	Manston ...	1029·3	-2	NE	4	c	43	92	7	5	–	–	9+	9+	450	1	*
2	Shoeburyness ...	1029·8	-10	ENE	3	o	45	92	7	5	–	–	10	10	1500	0	*
	Felixstowe ...	1030·3	-6	NE'E	4	bc	45	85	8	7	–	–	4-6	4-6	1500	0	2
	Gorleston ...	1030·2	-8	NE	3	c	44	85	7	5	–	–	10	10	2500	0	2
	Mildenhall ...	1029·1	-10	ENE	2	b	57	65	8	1	–	–	Tr	Tr	4000	0	*
	Cranwell ...	1029·1	-14	SE'E	1	b	55	75	8	–	–	–	0	0	–	0	*
3	Birmingham ...	1028·3	-10	SSW	1	z.	57	55	6	–	–	–	0	0	–	1	*
	Upper Heyford	1029·0	-10	E'N	1	z.	56	65	6	1	–	–	2-3	2-3	4000	0	*
4	Ross-on-Wye	1028·3	-10	SE'E	2	b	55	65	7	–	–	–	0	0	–	0	*
5	Portland Bill ...	1028·4	-4	E	2	b	51	92	6	–	–	–	0	0	–	0	2
	Plymouth ...	1028·2	-8	ESE	2	b	57	65	7	5	–	–	Tr	Tr	4000	0	1
	The Lizard ...	1028·4	-4	NE	4	b	51	85	7	–	–	–	0	0	–	1	3
	Scilly (St.Mary's)	1029·1	-4	E	3	c	52	85	7	1	3	–	2-3	7-8	2500	0	2
	Guernsey ...	1027·7	-4	ENE	4	bc	50	85	6	8	–	–	4-6	4-6	1500	0	3
6	Pembroke ...	1028·6	-12	WNW	1	z.	51	75	6	–	–	–	0	0	–	0	1
7	Holyhead ...	1029·3	-6	W'S	3	z.	51	75	6	–	–	–	0	0	–	0	1
	Chester(Sealand)	1028·9	-10	NW'W	4	z.	55	65	6	–	–	–	0	0	–	1	*
8	Manchester ...	1028·9	-12	WSW	1	z.	57	65	6	–	–	–	0	0	–	0	*
10	Spurn Head ...	1029·9	-14	SE'S	3	b	45	85	6	–	–	–	0	0	–	0	2
	Catterick ...	1028·0	-10	S'E	2	z.	58	65	6	–	3	–	0	Tr	–	0	*
	Tynemouth ...	1027·9	-16	SE	3	bc	46	85	6	5	–	–	4-6	4-6	1500	1	1
11	Inchkeith ...	1026·7	-12	SW	3	bc	60	75	6	5	–	–	4-6	4-6	2500	0	2
	Leuchars ...	1026·4	-10	W	3	c	64	55	7	5	–	–	7-8	7-8	2500	1	*
12	Renfrew (Abbots I.)	1027·3	-2	SW'W	3	c	60	65	7	7	3	1	4-6	7-8	5700	0	*
	Eskdalemuir ...	1027·6	-4	SW	4	b	57	65	6	1	–	–	Tr	Tr	4000	0	*
	Point of Ayre...	1028·9	-14	–	0	b	52	92	7	–	4	–	0	Tr	–	0	1
13A	Tiree	1028·2	+2	WSW	3	c	51	85	8	8	7	8	2-3	9+	2500	0	2
13B	Stornoway ...	1026·1	+2	WSW	5	c/pc	51	92	8	8	7	–	4-6	9+	2500	1	3
15	Dalwhinnie ...	1027·7	-2	SW'W	3	c	56	65	8	5	–	1	9	10	2500	0	*
	Aberdeen ...	1024·7	-6	SSW	2	c	63	55	6	5	–	1	7-8	7-8	4000	0	1
	Wick ...	1024·8	+6	NE	1	c	49	92	7	5	9	–	7-8	9	1500	1	1
16	Lerwick ...	1024·6	-16	SSW	5	c	50	92	8	8	7	7	7-8	10	1500	0	*
17	Blacksod Point	1030·3	0	W	3	c	54	85	8	5	–	–	10	10	1500	0	2
18	Malin Head ...	1029·9	+4	W'S	3	c	53	92	7	3	–	3	7-8	7-8	2500	0	0
	Aldergrove ...	1029·1	+2	N'W	2	u	56	85	7	5	–	–	10	10	2500	1	*
19	Birr Castle ...	1028·7	-2	NE	1	c	60	75	8	5	1	–	9	10	4000	0	*
20	Valentia Obsy. †	1029·7	-4	NNW	4	bc	50	75	8	5	–	–	2-3	2-3	5700	0	2
	Roches Point	1030·1	-2	ENE	1	bc	54	85	7	5	–	–	4-6	4-6	2500	0	1

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 30th (37)	Weather. 13h.—18h. 30th (38)	Weather. 18h. 30th to 1h. 1st (39)	Weather. 1h.—7h. 1st (40)
1	London (Kew)	cm.bz.	bz.	bz.cm	cm.
	Croydon ...	cm.	bcbz.	bzbc,omm	omfecm
	S. Farnborough	cm.bcz.	bz.b	bvz.bm	bmwof
	Boscombe Down	cm.bcm.	bcm.bm	bm.	bmbmbff
	Calshot (Sthmtn.)	cm.bcm.	bcbm.	bm.fe	bFf
	Lympne ...	cm.bc	bcb	bcom.	om.
	Manston ...	c	c	c	or.r.c
2	Shoeburyness ...	c	co	o	m.wo
	Felixstowe ...	cbcb	bbc	bccm.	cm
	Gorleston ...	c	c	c	czof
	Mildenhall ...	cbc	bcby	b	b,offe
	Cranwell ...	cbc	bcb	b	ofe
3	Birmingham ...	cbcb	bz	bzm	bm
	Upper Heyford	cm.bcz.	bcbz.	bz.mmf	bfffm
4	Ross-on-Wye	ocz.bcz.	bz.	bz.bm	bwFe
5	Portland Bill ...	cbc	bbz.	b	bz.
	Plymouth ...	cm.bc	bcb	bm.	bwm.
	The Lizard ...	c	cbcb	b	bbcw
	Scilly (St.Mary's)	bccbc	bcc	cbcb	bw
	Guernsey ...	c	cbc	bcbbc	bcwc
6	Pembroke ...	cm.bcb	bz.	bcb	bz.w
7	Holyhead ...	bbcm.	bz.	bz.m.	bwm.
	Chester(Sealand)	cm.bz.	bz.y	bm.w	bmwFfe
8	Manchester ...	cm.bz.	bz.	bz.off	offe
10	Spurn Head ...	oc	cbc	bbcb	bcwmf
	Catterick ...	cm.bz.	bz.y	bz.	bcmFmw
	Tynemouth ...	bc	bc	c	cbc
11	Inchkeith ...	cz	zbc	bc	bccz.
	Leuchars ...	bcbcz.	bcz.by	cz.ybw	bw
12	Renfrew (Abbots I.)	cmbz.y	bcz.bc	bcb	c
	Eskdalemuir ...	bcwb	bcbz.	bbcc	cFF
	Point of Ayre...	cbcb	b	bbcbc	cbc
13A	Tiree	c	c	cd.bc	c
13B	Stornoway ...	c	cpr.	bc	bcc
15	Dalwhinnie ...	bc.	bcc	.	cbc
	Aberdeen ...	bz.	bbcz.	cz.bc	bcwoc
	Wick ...	c	c	c	cbc
16	Lerwick ...	c	c	c	cw
17	Blacksod Point	c	c	id	id
18	Malin Head ...	bcc	c	oidff	c
	Aldergrove ...	cm.c	bcy	cu,bw	bwc,d.m
19	Birr Castle ...	bbccy	c	c .	c
20	Valentia Obsy. †	bcwbbc	bc	bcbcbw	bw
	Roches Point	bz.bc	bc	bcbcw	bcwc

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.*

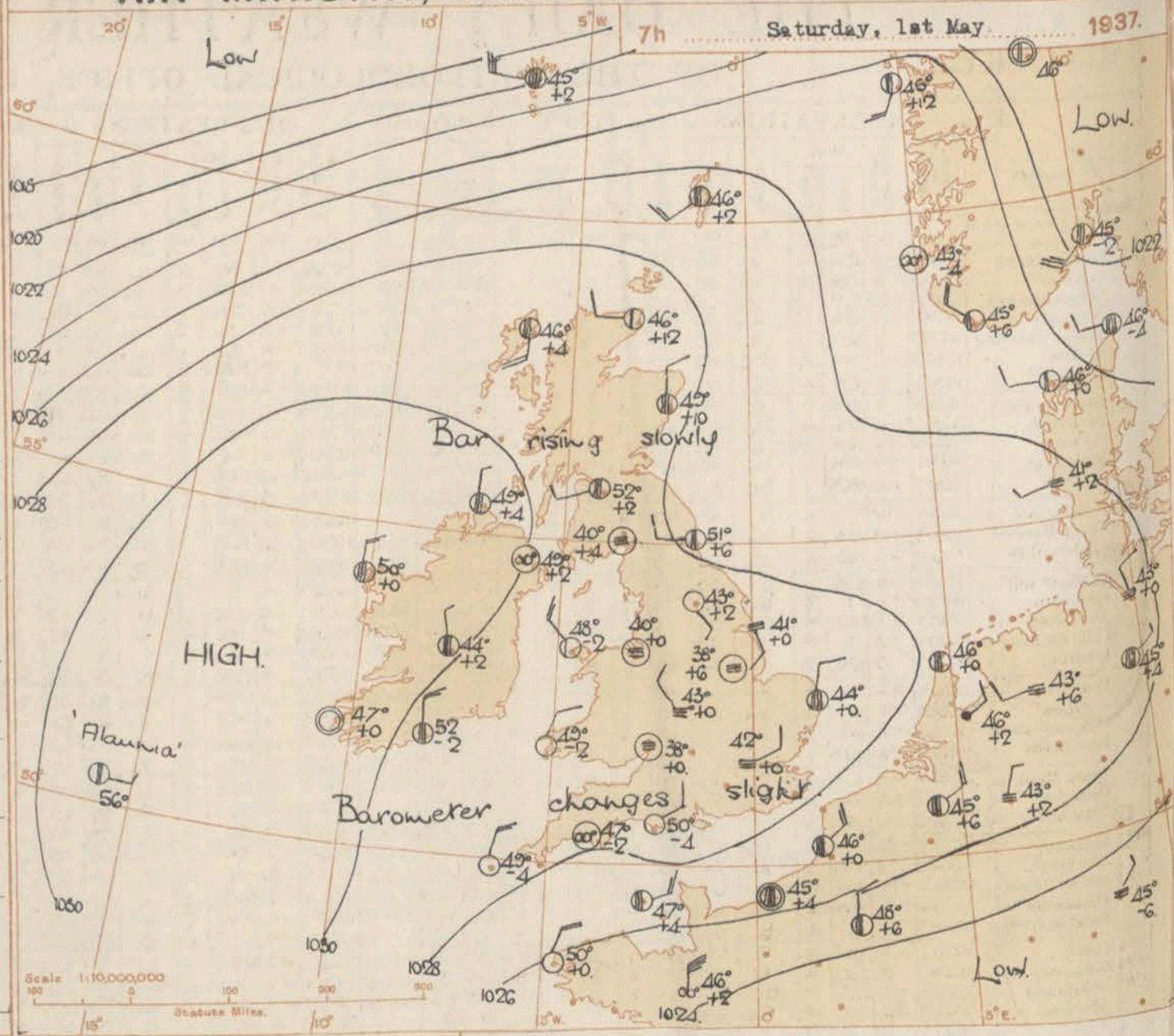
† Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 30th April 1937.

Districts	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature (°F) Min. 9h. 29th to 9h. 30th	Temperature (°F) Max. 9h.—17h. 30th	Rainfall (mm) Night. 17h. 29th to 9h. 30th	Rainfall (mm) Day. 9h.—17h. ..30th.	Sunshine (Hrs) Sunrise to 17h. ..30th	Sunshine (Hrs) Sunrise to Sunset. ..29th
1	Tunbridge W.	oc	bcb	42	54	-	-	5·6	1·6
	Bournemouth	cbcb	b	44	61	-	-	6·5	7·1
	Ventnor ...	obob	bz	44	57	-	-	7·0	5·7
	Southsea ...	bcb	bcbb	45	60	-	-	8·0	5·0
	Bognor Regis	bcobc	bcb	44	59	-	-	7·0	4·8
	Littlehampton	cbc	bc	45	60	-	-	6·8	5·5
	Worthing ...	c	b	44	59	-	-	6·1	5·9
	Brighton ...	cbc	b	49	59	-	-	6·8	7·1
	Eastbourne† ...	oc	cbcb	46	55	-	-	4·4	4·3
	Hastings† ...	cbc	bcbcb	44	55	-	-	5·1	2·1
	Folkestone ...	cbc	bc	44	51	-	-	4·7	0·0
	Dover ...	oc	cbc	45	48	-	-	2·5	0·0
	Deal	o	o	45	50	-	-	0·0	0·0
	Ramsgate ...	c	c	44	47	-	-	0·0	0·0
	Margate ...	c	c	44	47	-	-	0·2	0·0
2	Southend ...	o	ocbcc	43	51	-	-	2·1	0·0
	Maldon ...	oc	cb	42	53	-	-	4·4	0·0
	Clacton-on-Sea	cbc	bcc	42	48	-	-	4·4	0·0
	Dovercourt ...	oc	ocbcv	42	50	-	-	6·4	0·0
	Lowestoft ...	c	c	41	46	-	-	0·0	0·0
	Skegness ...	o	cbcb	42	47	-	-	3·0	7·0
	Mablethorpe...	o	ocbcb	42	47	-	-	3·8	9·8
	Cleethorpes ...	cbc	bcb	42	49	-	-	4·2	10·6
3	Leamington S.	ocbc	b	40	57	-	-	5·5	10·8
4	Cheltenham†	woc	cbcb	40	60	-	-	5·3	11·3
5	Bath	c	bcb	40	58	-	-	4·9	8·9
	Weymouth ...	cb	b	45	59	-	-	5·9	8·6
	Jersey ...	cbc	bcb	46	55	-	-	6·7	7·0
	Torquay ...	cz.bc	bz.	44	56	-	-	4·3	8·3
	Penzance ...	bbcb	bcb	45	56	-	-	8·7	4·4
	St. Ives ...	b	b	45	56	-	-	9·4	5·6
	Bude... ...	bccbc	bc	46	57	-	-	9·8	10·3
	Ilfracombe ...	bcco	cbcbz	43	51	-	-	7·9	11·2
6	Aberystwyth	zbc	bbc	43	57	-	-	11·7	11·9
7	Llandudno ...	b	b	42	57	-	-	11·3	11·3
	Colwyn Bay...	p	b	39	55	-	-	11·3	11·9
	Rhyl	b	b	40	53	-	-	11·5	10·8
8	Wallasey ...	b	b	43	60	-	-	10·1	9·2
	Southport ...	cbcbz	bz	38	60	-	-	10·4	4·5
	Blackpool ...	cz	bc	37	56	-	-	10·0	3·8
	Morecambe ...	bc	bczbc	38	54	-	-	12·5	4·1
9	Ilkley... ...	cbc	bc	39	61	-	-	6·0	5·6
	Harrogate ...	obcb	bz	39	59	-	-	6·0	5·2
10	Berwick-on-T.	bcb	b	43	53	-	-	11·5	0·0
11	Dunbar ...	bbc	bbcm	41	64	-	-	6·8	2·5
12	Troon... ...	bcbbc	bcbcb	46	58	-	-	8·2	7·1
	Douglas ...	bcr	bf	46	58	-	-	8·7	2·3

† 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 May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light northeasterly or variable wind; fine at first; local mist or fog at night; cloudy later; rather warm by day.
4 W. Midlands ... 5 S.W. England 6 South Wales ...	Light variable or northeast wind; fine; but local mist or fog at night; rather warm by day.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	Light variable winds; mainly cloudy at first, becoming fine later; local mist or fog at night; rather warm by day.
10 N.E. England 11 S.E. Scotland	Light variable or northeast winds; cloudy at times; local mist or fog at night; 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	Light variable or westerly winds; bright periods; local mist at night; rather mild.
16 Orkney and Shetland	Light or moderate southwest or west winds; mainly fair; average temperature.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Light northerly winds becoming variable; fair; local mist at night; rather mild.

GENERAL INFERENCE.

An anticyclone centred west of Ireland extends over the British Isles. It will be rather warm and fair or fine apart from some local fog or mist at night and during the early morning.

FURTHER OUTLOOK.

Continuing fair and rather warm.

Forecasts issued at 0945 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.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Saturday, 1st May, 1937.
No. 27554.

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

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	1029·1	−4	E'N	2	m	43	97	4	5	-	-	10	10	220
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1029·2	−6	NNE	3	z₀	40	92	6	5	-	-	10	10	450
	Manston ...	142	1028·5	−10	NE	3	c	43	85	7	5	-	-	9+	9+	800
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1029·7	−4	-	0	c	43	92	6	5	-	-	10	10	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1028·4	0	ENE	2	b	47	92	7	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1029·1	0	N'W	4	b	45	92	7	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1029·6	−2	NE'N	3	b	47	92	7	-	-	-	0	0	-
	Guernsey ..	175	1027·9	−2	NE'E	1	bc	47	97	6	8	—	-	4-6	4-6	1500
6	Pembroke ...	142	1029·8	0	NE	2	b	43	85	7	-	-	-	0	0	-
7	Holyhead ...	26	1029·6	0	S	1	b	45	97	6	5	-	-	Tr	Tr	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1028·8	−2	S'E	3	b	43	97	7	-	-	-	0	0	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1027·7	−4	W	2	c	51	75	6	5	-	-	9	9	1500
11	Inchkeith ...	190	1028·4	+8	SW	3	bc	49	92	6	5	-	-	4-6	4-6	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsinch)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1029·2	0	W'N	3	bc	46	97	8	5	-	-	2-3	2-3	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1028·3	+6	W	3	bc	48	92	8	5	4	-	2-3	2-3	4000
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1026·9	+6	WNW	2	c	48	97	8	5	7	-	7-8	9	1500
16	Lerwick ...	156	1026·1	+8	W	3	c	45	92	8	8	-	-	7-8	7-8	800
17	Blacksod Point	18	1030·4	0	-	0	id	52	92	7	6	-	-	10	10	800
18	Malin Head ...	84	1030·0	0	W	2	f-	49	97	2	-	-	-	0	0	-
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1030·9	+2	-	0	b	49	92	8	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1028·5	−2	N	2	z₀	45	92	5	5	-	-	10	10	1500	1	*
	Croydon ...	1028·5	0	ENE	2	m/f	42	97	4	5	-	-	10	10	450	1	*
	S. Farnborough	1028·4	−2	NE	1	m/f	44	97	4	5	-	-	10	10	220	0	*
	Boscombe Down	1028·3	−4	E'N	1	f	37	97	1	-	-	-	0	0	-	1	*
	Calshot (Sthmtn.)	1028·4	+2	NE'E	2	f	42	97	2	-	-	-	10	10	<150	1	§ 1
	Lympne ...	1028·3	−2	NNE	3	z₀	45	92	5	5	-	-	10	10	220	1	5
	Manston ...	1027·9	0	NE	2	c/r	45	92	6	6	-	-	9+	9+	950	1	*
2	Shoeburyness ...	1028·7	0	NNW	2	o	42	97	5	5	-	-	10	10	800	1	*
	Felixstowe ...	1029·1	0	NNE	1	z₀	43	92	6	5	-	-	10	10	450	1	1
	Gorleston ...	1029·0	0	N'E	2	o	44	97	5	5	-	-	10	10	1500	0	2
	Mildenhall ...	1028·8	0	-	0	f	41	97	3	-	-	-	10	10	<150	1	*
	Cranwell ...	1028·7	+6	-	0	f	38	97	1	-	-	-	10	10	<150	1	*
3	Birmingham ...	1028·9	0	NW	2	m	43	97	4	-	-	-	0	0	-	0	*
	Upper Heyford	1028·9	+2	N	1	m/f	41	97	4	-	-	-	0	0	-	0	*
4	Ross-on-Wye	1028·6	0	-	0	f	38	97	2	-	-	1	0	Tr	-	0	*
5	Portland Bill ...	1027·9	−4	NE	2	b	50	92	6	-	-	-	0	0	-	0	2
	Plymouth ...	1028·2	−2	-	0	z₀	47	85	5	-	-	1	0	1	-	0	0
	The Lizard ...	1027·6	−2	N	4	bc	49	85	7	7	-	-	4-6	4-6	4000	0	2
	Scilly (St. Mary's)	1029·0	−4	NNE	3	b	49	97	6	-	-	-	0	0	-	0	2
	Guernsey ..	1027·8	+4	ENE	3	c	47	92	6	8	—	-	9+	9+	1500	0	3
6	Pembroke ...	1027·6	−2	NNE	2	b	49	85	6	-	4	-	0	1	-	0	1
7	Holyhead ...	1029·4	−2	NW	3	b	48	92	5	5	-	-	Tr	Tr	800	0	1
	Chester (Sealand)	1029·1	0	-	0	m/f	40	97	4	-	-	1	0	Tr	-	1	*
8	Manchester ...	1029·1	+2	E'S	1	f	43	97	1	-	—	-	10	10	<150	1	*
10	Spurn Head ...	1028·7	0	S'E	2	f	41	97	2	5	-	—	10	10	<150	1	1
	Catterick ...	1028·4	+2	SE'S	1	f	43	97	4	-	-	-	0	0	-	0	*
	Tynemouth ...	1027·7	+6	W	2	bc	51	75	6	5	-	-	2-3	2-3	800	0	1
11	Inchkeith ...	1029·0	+4	SW	3	z₀	45	97	6	5	-	-	9	9	1500	0	1
	Leuchars ...	1028·8	+10	WSW	2	b	48	85	8	5	-	1	1	1	2500	1	*
12	Renfrew (Abbotsinch)	1029·0	+2	WSW	1	c	52	85	9	5	-	1	7-8	7-8	4000	0	*
	Eskdalemuir ...	1029·7	+4	-	0	f	40	97	1	-	-	-	0	0	-	1	*
	Point of Ayre...	1029·4	+2	NNW	3	bc	48	97	8	5	5	-	2-3	4-6	2500	0	1
13A	Tiree	1029·8	+6	NW	1	c	48	75	9	5	-	-	9+	9+	4000	0	1
13B	Stornoway ...	1028·6	+4	S	4	c	46	92	8	5	4	3	4-6	10	4000	1	2
15	Dalwhinnie ...	1029·6	+4	SW	2	bc	47	75	8	4	6	1	2-3	4-6	4000	0	*
	Aberdeen ...	1028·9	+10	N	2	c	49	92	7	5	-	-	9+	9+	800	0	1
	Wick ...	1028·5	+12	W	2	bc	46	85	8	5	7	8	2-3	4-6	2500	1	1
16	Lerwick ...	1026·7	+2	SW	3	c	46	92	8	5	7	-	7-8	9	800	0	*
17	Blacksod Point	1030·5	0	N	3	c	50	85	8	5	-	-	9	9	1500	1	3
18	Malin Head ...	1030·6	+4	N	1	c	49	97	7	5	-	-	7-8	7-8	2500	0	1
	Aldergrove ...	1030·2	+2	-	0	z₀	49	92	6	5	-	-	9+	9+	800	1	*
19	Birr Castle ...	1030·1	+2	N'W	1	c	44	97	7	5	-	-	10	10	4000	0	*
20	Valentia Obsy. †	1030·3	0	-	0	b	47	92	8	-	-	-	0	0	-	0	1
	Roches Point	1029·1	−2	N	3	c	52	92	8	5	-	-	7-8	7-8	2500	0	1

PAST 24 HOURS.

District	Stations (For heights see 1)	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Night 18h–7h mm. (35)	Sunshine 30 m. Hrs. (36)
1	London (Kew)	58	44	43	-	-	6·5
	Croydon	57	42	42	-	-	5·8
	S. Farnborough	59	42	33	-	-	7·0
	Boscombe Down	57	34	32	-	-	7·6
	Calshot (Sthmtn.)	58	39	39	-	-	7·6
	Lympne	54	40	40	-	-	9·2
	Manston	47	42	42	-	Tr	1·5
2	Shoeburyness	49	40	40	-	-	1·0
	Felixstowe	49	41	40	-	-	8·2
	Gorleston	45	41	40	-	-	0·0
	Mildenhall	60	39	36	-	Tr	7·6
	Cranwell	57	36	30	-	Tr	7·2
3	Birmingham	57	40	29	-	-	6·8
	Upper Heyford	57	38	29	-	-	*
4	Ross-on-Wye	56	34	28	-	-	7·4
5	Portland Bill	53	45	*	-	-	*
	Plymouth	57	42	34	-	-	9·6
	The Lizard	54	44	*	-	-	*
	Scilly (St. Mary's)	55	46	*	-	Tr	10·9
	Guernsey	53	46	40	-	-	2·6
6	Pembroke	52	43	*	-	-	10·2
7	Holyhead	56	44	35	-	-	13·5
	Chester (Sealand)	60	35	31	-	-	10·1
8	Manchester	57	36	32	-	-	7·2
10	Spurn Head	48	39	*	-	Tr	5·2
	Catterick	60	37	34	-	-	7·2
	Tynemouth	48	45	42	-	-	11·0
11	Inchkeith	63	44	40	-	-	5·3
	Leuchars	68	42	33	-	-	7·9
12	Renfrew (Abbotsinch)	65	47	44	-	-	7·3
	Eskdalemuir	63	35	30	-	Tr	10·5
	Point of Ayre	58	44	*	-	-	9·4
13A	Tiree ...	56	46	43	-	Tr	5·6
13B	Stornoway	58	41	*	Tr	Tr	3·6
15	Dalwhinnie	65	44	38	-	-	10·3
	Aberdeen	63	44	41	-	-	11·5
	Wick	52	41	*	-	-	*
16	Lerwick	53	42	*	-	-	1·6
17	Blacksod Point	57	47	*	-	Tr	*
18	Malin Head	63	47	*	-	0·4	7·8
	Aldergrove	65	42	39	-	Tr	1·2
19	Birr Castle	65	43	34	-	-	5·8
20	Valentia Obsy.	61	43	38	Tr	Tr	10·3
	Roches Point	56	48	*	-	Tr	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Afternoon.	Night.	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	9h. G.M.T. % (To-day.)	Visibility 9h.
Kew ...	18	cm₀bz₀	bz₀	bz₀cm₀	58	44	43	-	-	6·5	•	•	4·
Croydon ...	217	cm₀	bcbz₀	bz₀comf	57	42	42	-	-	5·8	•	•	5
Greenwich (Royal Observatory) ...	149	c	cb	bcf	57	42	39	-	-	5·4	62	85	5
City (Bunhill Row) ...	—	•	•	•	•	•	•	•	•	5·9	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	58	44	43	-	-	5·6	63	87	•
Regents Pk. (Botanic Gardens)‡ ...	168	•	•	•	58	43	42	-	-	6·4	58	79	•
Camden Square ...	110	cbc	bcb	•	61	43	43	-	-	•	•	78	•
Kensington ...	50	b	cobc	•	58	44	42	-	-	6·2	At 18h. 66	78	•
Hampstead Observatory ...	440	o	cb	ombc	55	40	33	-	-	6·3	•	83	•

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

South Kensington. Max.	Time.	Min.	Time.	Kew Observatory. Max.	Time.	Min.	Time.
0·5	18-21h 30th	<0·3	3-5hrs 1st	0·3	19h 30th	<0·1	9h. 30th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 30th April. Barom. mb.	Wind. Direc.	Force.	Weather.	Temp. °F.	7h. G.M.T. 1st May. Barom. mb.	Wind. Direc.	Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Night mm.
Paris ...	1023·7	NNE	4	b	59	1024·2	N	2	c	48	64	46	-	-
Brussels ...	1026·2	NNE	3	c	54	1026·7	NE	3	o	45	57	41	-	-
Berlin ...	1023·0	NNE	3	bc	59						64		-	
Zürich ...	1020·2	NE	3	c	54	1018·3	NE	4	o	46	63	41	-	-
Rome ...	1010·7	W	1	c	63	1007·8	NNE	3	c	57	*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 2nd May, 1937
No. 27555.

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

District	Stations (For heights see p. 3.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	°F. Temp. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
1	London (Kew)	1026·4	-18	E	3	zo	57	65	5	-	5	8	0	9+	-
	Croydon ...	1026·8	-10	NEE	3	c	57	65	6	2	-	1	7-8	7-8	4000
	S. Farnborough	1026·1	-18	E'N	1	zo	62	55	5	1	-	-	1	1	2500
	Boscombe Down	1026·4	-18	ESE	1	zo	59	75	5	5	-	-	2-3	2-3	1500
	Calshot (Sthmtn.)	1026·7	-12	SE'E	2	b	54	75	7	-	-	-	0	0	-
	Lympne ...	1026·5	-14	NE'N	3	c	53	75	8	5	-	-	9+	9+	1500
	Manston ...	1027·1	-10	NE	4	c	50	85	7	5	-	-	10	10	800
2	Shoeburyness ...	1027·6	-8	ENE	3	c	50	85	7	5	-	-	9+	9+	1500
	Felixstowe ...	1028·2	-6	ENE	3	c	50	85	7	5	-	-	9+	9+	1500
	Gorleston ...	1028·0	-6	N'E	2	c	48	92	7	7	-	-	7-8	7-8	2500
	Mildenhall ...	1027·4	-14	E	2	bc	56	65	8	1	-	-	4-6	4-6	2500
	Cranwell ...	1027·7	-4	ESE	1	zo	57	75	6	-	-	6	0	4-6	-
3	Birmingham ...	1025·8	-12	NE	3	zo	64	35	6	-	-	-	0	0	-
	Upper Heyford	1026·6	-14	E	1	zo	59	65	5	-	3	-	0	1	-
4	Ross-on-Wye	1025·4	-20	E'N	2	zo	64	55	5	1	-	1	Tr	1	4000
5	Portland Bill ...	1026·8	-6	ESE	3	c	49	92	6	4	-	-	10	10	1500
	Plymouth ...	1026·1	-10	SSW	2	zo	57	85	6	-	-	8	0	7-8	-
	The Lizard ...	1026·9	-8	SSE	2	bc	56	85	7	7	-	-	4-6	4-6	2500
	Scilly (St. Mary's)	1027·5	-10	NNE	4	bc	55	85	6	1	-	3	2-3	2-3	4000
	Guernsey ...	1026·2	-12	ENE	4	c	50	75	6	8	3	-	7-8	9	2500
6	Pembroke ...	1026·5	-10	N	3	b	59	65	6	-	4	-	0	Tr	-
7	Holyhead ...	1028·6	-6	N'W	3	b	52	85	7	5	-	-	Tr	Tr	4000
	Chester (Sealand)	1027·7	-10	W'N	3	bc	53	85	7	5	-	-	2-3	2-3	4000
8	Manchester ...	1026·8	-16	WNW	3	zo	62	75	5	7	-	-	4-6	4-6	5700
10	Spurn Head ...	1027·9	-6	SE'S	3	F-	46	85	3	5	-	-	10	10	<150
	Catterick ...	1027·3	-8	NE	3	zo	60	65	6	-	3	-	0	Tr	-
	Tynemouth ...	1027·7	-4	NNE	2	bc	49	85	6	5	-	2	2-3	4-6	800
11	Inchkeith ...	1028·3	-4	NE	2	c	51	92	7	5	4	-	4-6	7-8	2500
12	Leuchars ...	1028·9	-2	E	2	c	54	85	8	8	-	-	9+	9+	2500
	Renfrew (Abbots I.)	1027·4	-10	SW	2	bc	63	55	7/9	1	-	2	4-6	4-6	5700
	Eskdalemuir ...	1026·4	-10	SW	2	c	61	55	8	7	-	4	4-6	7-8	2500
	Point of Ayre...	1028·6	-4	NW	3	bc	55	92	8	2	5	2	Tr	2-3	2500
13A	Tiree ...	1028·9	-6	SW	3	b	52	65	9	1	-	2	Tr	1	4000
13B	Stornoway ...	1026·6	-10	SSW	5	c	53	65	9	5	5	5	4-6	9	4000
15	Dalwhinnie ...		-14	SSW	3	bc	62	35	8	-	6	5	0	2-3	-
	Aberdeen ...	1028·5	-6	ESE	3	bc	52	75	8	5	-	2	1	4-6	4000
16	Wick ...	1026·9	-6	S	3	bc	51	75	8	1	4	1	2-3	4-6	1500
	Lerwick ...	1025·1	-12	WSW	5	bc	49	85	8	5	9	-	4-6	4-6	800
17	Blacksod Point	1029·2	-10	NE	3	bc	55	75	9	2	-	-	2-3	2-3	4000
18	Malin Head ...	1029·6	-6	NE	1	bc	50	85	8	7	-	3	2-3	4-6	2500
	Aldergrove ...	1029·4	-8	WNW	1	c	57	65	9	7	-	-	9+	9+	2500
19	Birr Castle ...	1028·4	-12	W'S	1	bc	62	65	8	1	-	-	4-6	4-6	4000
20	Valentia Obsy. †	1028·6	-10	NW	3	b	61	65	8	1	-	-	Tr	Tr	4000
	Roches Point	1028·4	-6	S	2	bc	59	85	8	1	-	-	2-3	2-3	4000

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

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)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
London (Kew)	1024·7	-12	ENE	3	zo	55	75	5	-	7	2	0	9+	-	0	*
Croydon	1024·0	-12	E'N	3	zo	54	75	6	7	-	-	9	9	4000	1	*
S. Farnborough	1024·4	-8	E'N	2	zo	57	75	6	-	-	2	0	4-6	-	0	*
Boscombe Down	1023·5	-18	NEN	3	b	61	65	7	5	-	1	Tr	1	2500	0	*
Calshot (Sthmtn.)	1024·4	-10	-	0	bc	54	85	6	-	3	-	0	4-6	-	1	2
Lympne	1025·3	-4	NNE	5	o	47	85	7	5	-	-	10	10	800	0	§ 3
Manston	1025·2	-10	NE	4	ido	47	92	6	5	-	-	10	10	450	1	*
Shoeburyness	1025·9	-8	NE'E	3	c	48	85	8	8	-	-	9+	9+	1500	1	*
Felixstowe	1026·6	-4	ENE	3	c	47	92	7	5	3	-	9	9+	1500	0	2
Gorleston	1026·4	-4	NE'E	3	c	48	85	7	5	-	-	10	10	2500	0	2
Mildenhall	1025·3	-10	ENE	3	bc	56	75	7	-	-	4	0	4-6	-	0	*
Cranwell	1025·3	-10	E	1	zo	60	75	6	5	-	8	1	2-3	2500	0	*
Birmingham	1024·2	-8	E	2	zo	62	55	6	-	-	1	0	1	-	0	*
Upper Heyford	1024·8	-10	ENE	2	zo	60	65	6	-	-	2	0	2-3	-	0	*
Ross-on-Wye	1023·9	-10	NE	2	zo	61	65	5	1	-	-	1	1	4000	0	*
Portland Bill																
Plymouth	1024·2	-10	S	2	zo	52	92	6	-	-	-	0	0	-	0	1
The Lizard	1024·1	-18	N'W	3	bc	58	75	7	7	-	-	4-6	4-6	2500	0	2
Scilly (St. Mary's)	1024·9	-12	N'E	3	bc	53	85	6	-	-	2	0	2-3	-	0	2
Guernsey	1024·3	-12	ENE	3	bc	50	85	7	-	1	-	0	4-6	-	0	3
Pembroke	1023·6	-12	NNE	4	b	57	75	7	-	-	-	0	0	-	0	2
Holyhead	1025·3	-16	N	2	b	50	92	8	5	-	-	Tr	Tr	4000	0	1
Chester (Sealand)	1025·9	-12	W'N	4	c	51	85	7	5	-	-	9+	9+	2500	1	*
Manchester	1024·9	-14	NW'W	3	zo	60	75	6	5	-	-	4-6	4-6	4000	0	*
Spurn Head	1026·0	-10	ESE	2	F	43	97	1	5	-	-	10	10	<150	0	1
Catterick	1026·0	-2	NEN	2	zo	53	85	6	-	8	1	0	2-3	-	0	*
Tynemouth	1027·0	-8	NE	2	bc	49	85	6	5	-	-	4-6	4-6	1500	0	1
Inchkeith	1026·4	-14	ENE	3	bc	49	92	8	5	-	-	4-6	4-6	2500	0	2
Leuchars	1026·2	-14	SE	3	bc	53	75	8	-	-	2	0	4-6	-	1	*
Renfrew (Abbots I.)	1025·3	-14	SW	2	bc	60	55	9	-	-	2	0	2-3	-	0	*
Eskdalemuir	1024·7	-8	SW	3	bc	62	65	8	2	-	8	4-6	4-6	2500	1	*
Point of Ayre	1026·1	-20	NW	2	bc	54	75	8	-	-	3	0	2-3	-	0	1
Tiree	1026·4	-16	SW	2	b	50	75	9	-	-	1	0	Tr	-	0	2
Stornoway	1024·1	-20	SSW	5	bc	51	75	9	1	-	4	2-3	4-6	4000	1	3
Dalwhinnie	1025·0	-10	W	4	c	59	35	8	-	6	8	0	7-8	-	0	*
Aberdeen	1026·4	-14	SSE	3	bc	50	75	7	5	-	2	2-3	4-6	800	0	1
Wick	1024·2	-12	ESE	3	c	47	97	8	5	4	3	4-6	9	1500	1	1
Lerwick	1024·4	-6	W	4	bc	48	85	8	5	9	-	2-3	4-6	1500	0	
Blacksod Point	1025·4	-16	NW	2	bc	54	75	9	4	-	-	2-3	2-3	4000	0	2
Malin Head	1027·0	-20	ENE	1	bc	49	85	8	7	-	-	2-3	2-3	1500	0	0
Aldergrove	1026·5	-16	SW	1	b	59	65	9	7	-	1	Tr	Tr	2500	1	*
Birr Castle	1025·7	-20	NNE	1	bc	65	55	8	1	-	-	4-6	4-6	4000	0	*
Valentia Obsy. †	1026·5	-14	W	1	b	58	75	8	5	-	-	1	1	5700	0	1
Roches Point	1026·0	-12	SE	2	c	54	85	8	5	-	-	7-8	7-8	2500	0	1

PAST 24 HOURS.

Stations	Weather 7h.—13h. 1st (37)	Weather 13h.—18h. 1st (38)	Weather 18h. 1st to 1h. 2nd (39)	Weather 1h.—7h. 2nd (40)
London (Kew)	cmobzbc	bczocmo	cmo	omo
Croydon	cm bcz	cbccz o	czocmo	cmo
S. Farnborough	ombzoy	bbcyzo	bccomo	omo
Boscombe Down	bffcmo	bcbmob	b	bbc
Calshot (Sthmtn.)	bcffebmo	bmo	bcmo	cmobmo
Lympne	omodoc	co	odo,obc	b,com
Manston	rorodoc	ccdomo	cd,mobc	om,f
Shoeburyness	omoc	c	c	cmoo
Felixstowe	cmoc	c	c	c
Gorleston	o c	cbcc	c	c
Mildenhall	ffemobc	bcbybc	bcc	c
Cranwell	oFebc	bczo	bzo,omo	om,w
Birmingham	bz	bz	bbc	bco
Upper Heyford	bbcmbzo	bbczoy	bcb,cmo	cwmo
Ross-on-Wye	bcfbmz	byzbcz	bcz bmw	bmwcom
Portland Bill	czo		c	c
Plymouth	bbccmo	cbcbmo	bmo	bbcmoc
The Lizard	bc	bczo	bcbw	bcc
Scilly (St. Mary's)	bbc	bczo	bcbzo	bwmbc
Guernsey	cbcc	cbc	bcc	co
Pembroke	bbczob	bzob	bc	cbcb
Holyhead	bmo	b	bw	bwmo
Chester (Sealand)	bmbczo	bcc	f bwmo	bmffe
Manchester	oFFbc	bczoy		bcbF
Spurn Head	Ff	Ff	ffw	ffmo
Catterick	mw bzo	bzobcz	bczocmo	mooFe
Tynemouth	bc	bc	bco	off
Inchkeith	zoc	cbc	bc	bcz Fw
Leuchars	bwc	cbc	bcbw	bFefe
Renfrew (Abbots I.)	cbcwy	bcrbc	bc	bcbmow
Eskdalemuir	bc	bc	bcb	bw
Point of Ayre	bcfbc	bc	bcb	b
Tiree	cbcb	b	bw	bw bc
Stornoway	c	cbc	bcb	bcq
Dalwhinnie	bc	bc	•	bcb
Aberdeen	cbc	bcb	bcbw	bwoif
Wick	bc	bcc	cbc	bc
Lerwick	cbc	bc	bcc	bc
Blacksod Point	bc	bc	bc	c
Malin Head	cbc	bc	b	b
Aldergrove	cmoddoc	cbcb	b	bw
Birr Castle	cbc	bcy	cb	b
Valentia Obsy. †	bwb	b	bbcc	cbc bw
Roches Point	cbc	bcc	cbcw	bw

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 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.*

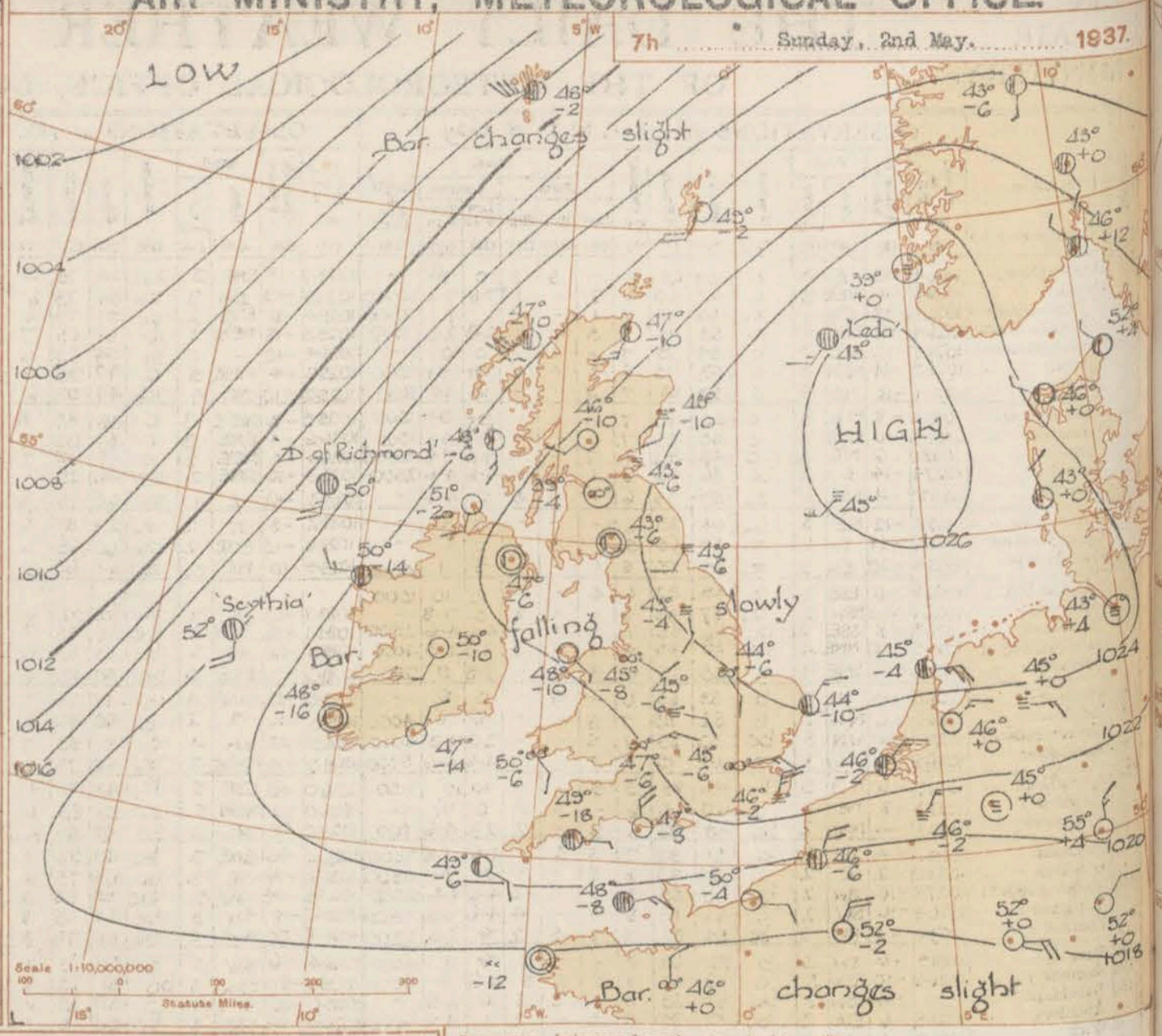
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 1st May 1937.

Districts	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature (F) Min. 9h. 30th to 9h. 1st.	Temperature (F) Max. 9h.—17h. 1st.	Rainfall (mm) Night. 17h. 30th to 9h. 1st.	Rainfall (mm) Day. 9h.—17h. 1st.	Sunshine (Hrs) Sunrise to 17h. 1st.	Sunshine (Hrs) Sunrise to Sunset. 30th.
1	Tunbridge W.	o	cbco	41	53	-	-	1·0	7·1
	Bournemouth	bobc	b	40	57	-	-	6·6	6·8
	Ventnor ...	omcb	pbc	43	56	-	-	6·8	8·3
	Southsea ...	cb	bbc	41	58	-	-	6·9	8·9
	Bognor Regis	bbc	bcbc	43	56	-	-	5·9	8·5
	Littlehampton	bc	bc	43	56	-	-	3·8	8·4
	Worthing ...	cbc	cbc	43	55	-	-	1·9	7·8
	Brighton ...	cbc	cbc	43	56	-	-	1·6	8·4
	Eastbourne† ...	o	oc	46	53	-	-	0·0	5·8
	Hastings† ...	oc	ococ	40	53	-	-	0·0	6·7
	Folkestone ...	oc	cd.o	41	54	-	Trace	0·9	5·6
	Dover ...	oc	co	43	54	-	-	0·0	2·5
	Deal	oc	co	43	54	-	-	0·3	0·0
	Ramsgate ...	c	c	42	50	Trace	-	0·3	0·0
	Margate ...	cd.	cd.	42	50	Trace	Trace	0·1	0·2
2	Southend ...	o	ocbc	40	52	-	-	0·7	2·1
	Maldon ...	o	co	41	53	-	-	0·4	4·5
	Clacton-on-Sea	oc	cbcc	40	50	-	-	1·4	4·4
	Dovercourt ...	bccv	bccv	41	52	-	-	0·5	7·7
	Lowestoft ...	c	cbcc	41	51	-	-	2·6	0·0
	Skegness ...	foc	bmb	39	49	-	-	4·8	4·9
	Mablethorpe...	ocm.	cbcm.	37	48	-	-	2·5	5·5
	Cleethorpes ...	bcm.	bcf	37	48	-	-	3·2	5·7
3	Leamington S.	bz	b	38	64	-	-	8·9	6·8
4	Cheltenham†	m.bcb	bbcbz	37	67	-	-	6·1	6·9
5	Bath	b	bbcc	35	66	-	-	8·9	6·8
	Weymouth ...	bm	mb	42	55	-	-	8·2	7·4
	Jersey ...	bc	bcbc	44	54	-	-	7·3	8·0
	Torquay ...	wbm.	bcbm.	43	59	-	-	9·7	6·1
	Penzance ...	b	b	46	62	-	-	11·0	10·3
	St. Ives ...	b	b	46	55	-	-	10·2	11·5
	Bude... ...	wb	b	36	55	-	-	10·7	11·3
	Ilfracombe ...	bcb	b	44	57	-	-	10·4	9·4
6	Aberystwyth	cfc	bcz	43	53	-	-	4·4	13·3
7	Llandudno ...	b	b	41	56	-	-	10·4	12·7
	Colwyn Bay...	bcb	b	41	55	-	-	10·8	13·0
	Rhyl	bz.	bbcz.	39	53	-	-	9·6	13·1
8	Wallasey ...	b	bbcc	46	54	-	-	7·7	11·8
	Southport ...	b	bc	44	57	-	-	9·4	11·7
	Blackpool ...	bzbmb	b	39	56	-	-	10·0	11·5
	Morecambe ...	bbc	bbcbc	39	60	-	-	11·5	13·8
9	Ilkley... ...	bbc	bc	40	67	-	-	7·3	6·7
	Harrogate ...	b	bbc	42	65	-	-	8·8	6·0
10	Berwick-on-T.	bcc	cbc	46	53	-	-	7·8	11·9
11	Dunbar ...	bcm.	bc	45	53	-	-	8·3	7·0
12	Troon... ...	bcbcb	bbcb	49	56	-	-	8·3	9·6
	Douglas ...	bc,	bc	45	59	-	-	9·6	10·6

† 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. 2nd May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light or moderate easterly winds, becoming southerly later; cloudy near coast; bright inland; patches of coastal fog in morning; local ground frost at night; average temperature.
4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ...	Light or moderate east to southeast winds, becoming southerly later; bright, but cloudy at times, scattered early morning mist or fog; ground frost at night locally in Midlands; average temperature.
8 N.W. England	As 10 - 12.
9 N. Midlands ...	As 3 - 7.
10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Light southerly winds, becoming light or moderate southwesterly later; cloudy in east coastal districts, elsewhere bright; patches of coastal fog in morning; ground frost locally at night inland; average temperature.
13 { A. W. Scotld. B. N.W. Scotland. ↓	Fresh or strong southwesterly winds, reaching gale force locally on west coast; fair, becoming cloudy later; slight rain late in period; average temperature.
14 Mid Scotland 15 N. E. Scotland	As 10 - 12.
16 Orkney and Shetland ↓	As 13.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Light southerly winds, becoming southwesterly, light or moderate, fresh in northwest later; cloudy in northwest, bright elsewhere; early morning mist; rather mild.

GENERAL INFERENCE.

An anticyclone over the North Sea is spreading eastwards and dissipating. A depression over Iceland is moving eastnortheast, and there are indications of a secondary in the Atlantic which will move northeast. Weather will be mainly fair today, with considerable sunshine in most districts except the east coast of England and the northwest coast of Scotland. Cloud increasing from the Northwest later. Average temperature.

FURTHER OUTLOOK.

Fair in the South, cloudy with occasional rain in the North.

Time of Issue of Gale Warnings.

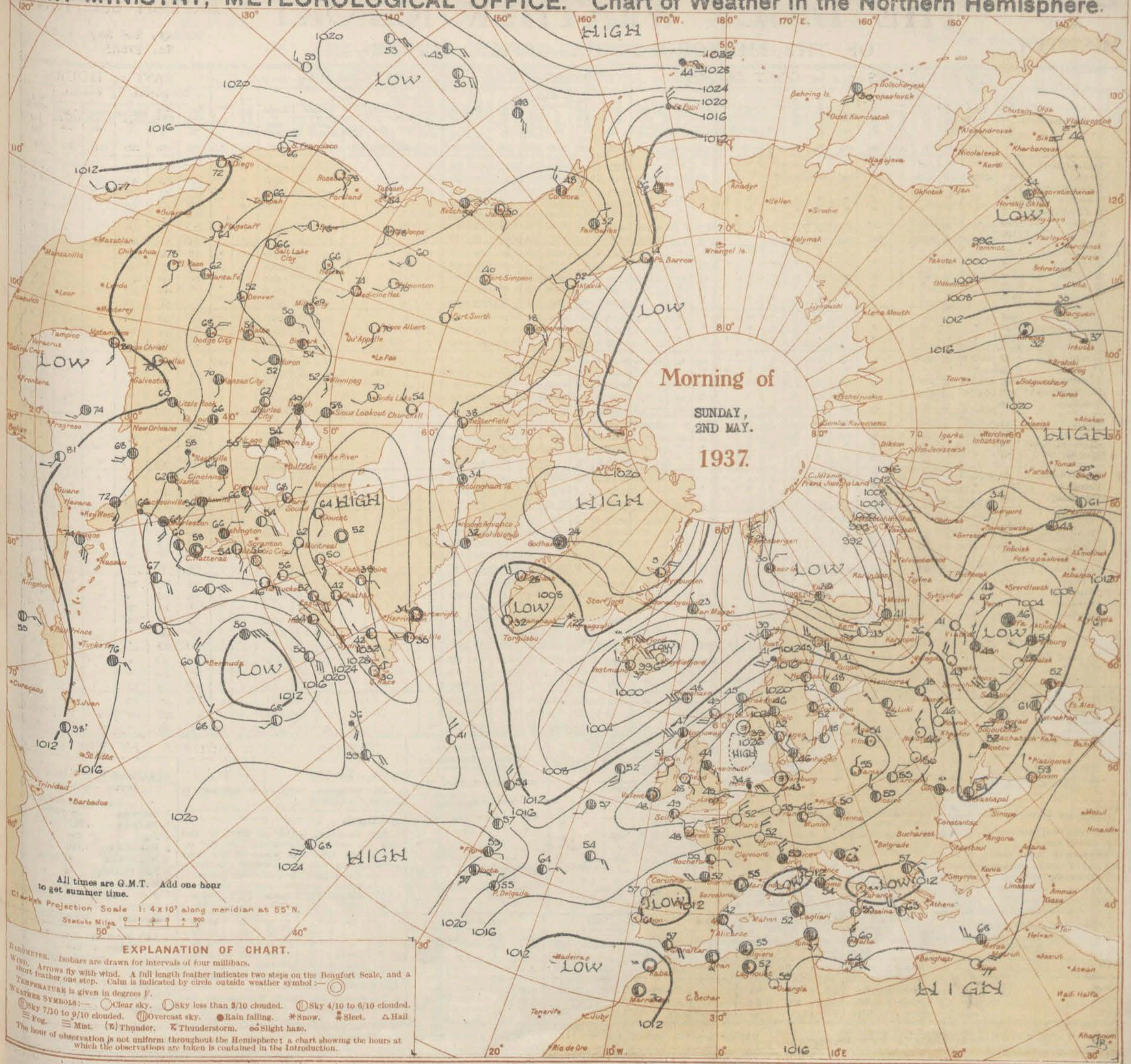
↓ South cone hoisted at 0900 on 2nd in districts 13B and 16.

Forecasts issued at 1100 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.



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 2nd May. 1937.
No. 27555.

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

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	1025·0	-2	E'N	3	c	46	85	7	5	-	-	9+	9+	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1024·1	-14	NNE	4	bc	44	92	7	5	-	-	2·3	2·3	450
	Manston ...	142	1024·4	-6	NNE	3	bc	45	92	8	5	-	-	7-8	7-8	800
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1025·9	-4	NE	3	c	45	85	8	5	-	-	10	10	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1022·9	-10	WNW	2	c	49	92	7	8	-	-	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1023·3	-4	E'N	2	b	47	97	7	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1022·8	-10	ENE	3	b	49	97	6	-	-	-	0	0	-
	Guernsey ..	175	1023·2	-6	E	3	c	48	85	6	8	-	-	10	10	2500
6	Pembroke ...	142	1022·8	-6	ENE	3	bc	52	85	7	5	-	-	2·3	2·3	4000
7	Holyhead ...	26	1024·2	-14	N'W	1	b	47	97	8	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1026·0	0	SE	2	f	42	97	3	5	-	-	10	10	4150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1026·1	-4	SE	1	0	45	97	6	5	-	-	10	10	800
11	Inchkeith ...	190	1025·3	-4	N	1	bc	46	97	6	5	-	-	2·3	2·3	1500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1024·9	-12	WNW	3	b	42	92	8	7	-	-	0	0	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1021·7	-12	SSW	4	b	46	85	8	1	-	-	Tr	Tr	4000
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1022·4	-18	SSW	2	bc	45	97	7	5	1	-	2·3	2·3	1500
16	Lerwick ...	156	1021·5	-18	WSW	6	c	46	85	8	5	2	-	4·6	7·8	1500
17	Blacksod Point	18	1021·7	-8	-	0	bc	52	92	8	4	-	-	4·6	4·6	2500
18	Malin Head ...	84	1023·5	-20	SW'W	1	b	44	97	8	-	-	-	0	0	-
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1023·9	-20	-	0	b	50	97	7	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1023·2	-4	ENE	3	Z_o	47	85	6	5	-	-	10	10	1500	0	*
	Croydon ...	1023·3	-6	ENE	3	Z_o	45	92	5	5	-	-	10	10	450	1	*
	S. Farnborough	1023·0	-8	ENE	3	Z_o	47	85	6	5	-	-	10	10	800	0	*
	Boscombe Down	1022·7	-12	ENE	3	bc	44	85	7	5	-	-	4-6	4-6	2500	0	*
	Calshot (Sthmtn.)	1022·1	-4	NNE	2	b	43	85	6	-	-	-	0	0	-	1	§
	Lympne ...	1022·9	-2	NNE	5	m	46	97	4	5	-	-	10	10	220	0	3
	Manston ...	1023·3	-2	NE	4	f	46	97	3	-	-	-	10	10	4150	1	*
2	Shoeburyness ...	1023·9	-4	NE	3	0	46	92	6	5	-	-	10	10	1500	1	*
	Felixstowe ...	1024·4	-6	NE'N	3	c	45	92	6	5	-	-	10	10	800	0	2
	Gorleston ...	1024·3	-10	NE'N	3	c	44	85	6	5	-	-	10	10	2500	0	2
	Mildenhall ...	1024·1	-8	ENE	2	c	45	85	7	5	-	-	10	10	1500	0	*
	Cranwell ...	1024·6	-6	SE	2	Z_o	44	97	6	5	-	-	10	10	800	1	*
3	Birmingham ...	1023·3	-6	ESE	2	m	45	97	4	5	-	-	10	10	1500	0	*
	Upper Heyford	1023·8	-6	E	2	Z_o	44	85	6	5	-	-	10	10	800	0	*
4	Ross-on-Wye	1022·6	-6	NE'E	3	Z_o	47	92	5	5	-	-	10	10	1500	0	*
5	Portland Bill ...	1021·4	-8	N	4	c	47	92	7	5	-	-	10	10	2500	0	3
	Plymouth ...	1021·3	-18	E	1	c	49	92	7	5	-	-	10	10	1500	0	0
	The Lizard ...	1020·6	-8	ENE	3	c	49	85	7	4	2	-	9	10	2500	0	2
	Scilly (St. Mary's)	1020·9	-6	ESE	2	bc	49	92	7	7	3	-	1	2-3	4000	0	1
	Guernsey ..	1020·9	-8	ENE	3	0	48	92	6	5	-	-	10	10	2500	0	3
6	Pembroke ...	1020·7	-6	SE	2	Z_o	50	92	6	-	-	-	0	0	-	0	1
7	Holyhead ...	1021·9	-10	SE	1	b	48	92	6	-	-	-	0	0	-	0	0
	Chester (Sealand)	1023·3	-8	ESE	2	b/f	45	92	5	-	-	-	0	0	-	1	*
8	Manchester ...	1023·6	-8	-	0	F	42	85	1	-	-	-	10	10	4150	1	*
10	Spurn Head ...	1024·4	-6	SE	3	0	44	97	6	5	-	-	10	10	1500	0	2
	Catterick ...	1024·2	-4	S'E	2	F	43	97	1	-	-	-	10	10	4150	0	*
	Tynemouth ...	1024·2	-6	SSW	2	of	43	97	2	5	-	-	10	10	800	0	1
11	Inchkeith ...	1023·2	-6	N	2	oF	43	97	1	5	-	-	10	10	220	1	1
	Leuchars ...	1023·3	-6	-	0	f	44	97	2	-	-	-	10	10	4150	1	*
12	Renfrew (Abbots I.)	1022·9	-4	-	0	Z_o	39	97	6	-	-	-	0	0	-	0	*
	Eskdalemuir ...	1023·3	-6	-	0	b	43	92	6	-	-	1	0	1	-	1	*
	Point of Ayre...	1022·7	-8	S'E	1	b	47	97	8	-	-	-	0	0	-	1	0
13A	Tiree	1020·8	-6	S'E	3	bc	48	85	9	-	5	8	0	4-6	-	0	2
13B	Stornoway ...	1019·0	-10	SW	7	c	47	85	9	5	7	4	4-6	7-8	2500	1	4
15	Dalwhinnie ...	1022·6	-10	SW	2	b	46	75	8	-	-	-	0	0	-	0	*
	Aberdeen ...	1022·3	-10	S	2	m/f	45	97	4	5	-	-	9+	9+	4150	0	1
	Wick ...	1020·4	-2	SSW	3	bc	47	97	8	6	-	1	2·3	2·3	1500	1	1
16	Lerwick ...	1019·9	-2	SSW	4	b	49	65	8	-	4	-	0	1	-	0	*
17	Blacksod Point	1020·7	-14	W	3	c	50	85	8	5	-	-	9	9	1500	0	2
18	Malin Head ...	1020·8	-20	S	2	b	51	97	8	-	-	-	0	0	-	0	1
	Aldergrove ...	1022·5	-6	-	0	jf	47	92	7	5	-	1	Tr	Tr	4150	1	*
19	Birr Castle ...	1021·3	-10	SSW	1	b	50	97	7	-	-	-	0	0	-	0	*
20	Valentia Obsy. †	1020·9	-16	‡	0	b	48	92	8	1	4	-	Tr	Tr	4000	0	0
	Roches Point	1021·0	-14	NNE	2	b	47	97	8	-	-	-	0	0	-	0	1

PAST 24 HOURS.

Stations	Temperature Max. Day 7h–18h °F. (31)	Temperature Min. Night 18h–7h °F. (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 1st Hrs. (36)
London (Kew)	58	46	44	-	-	5·5
Croydon ...	58	45	45	-	-	~~4·9~~ 5·1
S. Farnborough	63	44	42	-	-	8·7
Boscombe Down	63	44	40	-	-	10·0
Calshot (Sthmtn.)	56	40	42	-	-	6·3
Lympne ...	53	42	40	Tr	Tr	0·8
Manston ...	50	44	42	Tr	Tr	0·6
Shoeburyness ...	52	45	45	-	-	1·0
Felixstowe ...	51	44	44	-	-	~~1·0~~ 0·9
Gorleston ...	50	44	43	*	-	3·6
Mildenhall ...	64	44	43	Tr	-	7·7
Cranwell ...	61	41	38	-	-	7·4
Birmingham ...	66	44	34	-	-	10·7
Upper Heyford	62	43	36	-	-	*
Ross-on-Wye	67	43	36	-	-	9·5
Portland Bill ...	51	46	*		-	*
Plymouth ...	58	46	39	-	-	11·0
The Lizard ...	63	46	*	-	-	*
Scilly (St. Mary's)	56	46	*	-	Tr	12·9
Guernsey ..	51	47	44	-	-	4·3
Pembroke ...	60	48	*	-	-	12·2
Holyhead ...	53	46	36	-	-	12·8
Chester (Sealand)	55	38	36	-	-	7·3
Manchester ...	67	38	37	-	-	4·3
Spurn Head ...	48	41	*	*	-	1·7
Catterick ...	63	41	37	-	Tr	9·8
Tynemouth ...	52	43	40	-	-	11·2
Inchkeith ...	57	40	32	-	-	10·2
Leuchars ...	56	40	32	-	Tr	7·2
Renfrew (Abbots I.)	63	33	31	-	-	12·3
Eskdalemuir ...	65	37	31	-	-	9·2
Point of Ayre...	56	39	*	-	-	11·4
Tiree	53	38	35	-	Tr	10·4
Stornoway ...	56	45	*	-	-	9·9
Dalwhinnie ...	64	28	18	-	-	12·4
Aberdeen ...	53	44	38	-	-	6·1
Wick ...	53	42	*	-	-	*
Lerwick ...	50	43	*	-	-	11·5
Blacksod Point	56	43	*	-	-	*
Malin Head ...	51	~~50~~ 43	*	-	-	10·7
Aldergrove ...	60	~~38~~ 38	32	0·1	-	6·5
Birr Castle ...	66	44	33	-	-	9·8
Valentia Obsy. †	61	45	41	Tr	Tr	13·2
Roches Point	60	45	*	-	Tr	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T % (Yesterday)	Humidity 9h. G.M.T % (To-day)	Visibility 9h. (To-day)
Kew ...	18	cmbzbc	bczcm	cmom	58	46	44	-	-	5·5	*	*	5
Croydon ...	217	cmbcz	cbczc	czcm	58	45	45	-	-	4·9	*	*	5
Greenwich (Royal Observatory) ...	149	c ⊕	c	c	58	45	43	-	-	4·0	69	91	6
City (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	4·9	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	58	46	46	-	-	4·4	69	89	*
Regents Pk. (Botanic Gardens)‡ ...	166	*	*	*						5·1			*
Camden Square ...	110	bbcc	cbc	*	60	46	46	-	-	*	*	89	*
Kensington ...	80	bc	bc	*	59	46	45	-	-	5·3	At 18h. 76	89	*
Hampstead Observatory ...	450	bc	bc	c	56	42	35	-	-	6·7	*	93	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 2nd

South Kensington Max.	Time.	Min.	Time.
0·6	9-11h 1st.	<0·3	0-5h 2nd

Kew Observatory Max.	Time.	Min.	Time.
0·3	11hrs 1st	<0·1	0-7hrs 2nd

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. May 1st. Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. May 2nd. Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris ...	1019·3	NNE	4	bc	61	1017·9	NNE	4	b	52	63		-	
Brussels ...	1022·6	NE	4	b	55	1021·0	NE	3	f	46	57	43	-	-
Berlin ...	1020·9	NE	2	b	66						70		-	
Zurich ...	1015·5	NE	4	bc	55						63		-	
Rome ...	1007·3	ESE	2	c	*	1012·9	ENE	3	c	54	*	*	-	9

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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, 3rd May, 1937.
No. 27556.

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)	Sunshine 1st Hrs. (36)
1	London (Kew)	1020·8	-16	NE	3	z_o	58	65	5	–	–	–	0	0	–	5·5
	Croydon ...	1021·0	-18	ENE	3	z_o	56	75	6	5	–	–	Tr	Tr	2500	~~4·9~~ 5·1
	S. Farnborough	1020·1	-22	ENE	3	m	60	65	4	–	–	–	0	0	–	8·7
	Boscombe Down	1020·1	-22	NE'E	3	z_o	59	75	6	5	–	–	1	1	2500	10·0
	Calshot (Sthmtn.)	1019·9	-18	NE'N	2	b	63	65	7	1	–	–	Tr	Tr	4000	6·3
	Lympne ...	1020·4	-18	NNE	4	bc	53	85	6	5	–	–	2-3	2-3	450	0·8
	Manston ...	1020·7	-18	NNE	4	z_o	47	92	6	5	–	–	10	10	720	0·6
2	Shoeburyness ...	1022·0	-14	NE'E	4	o	51	88	6	5	–	–	10	10	1500	1·0
	Felixstowe ...	1022·0	-16	NE	4	b	52	65	7	5	–	–	1	1	1500	0·9 1·0
	Gorleston ...	1022·8	-10	N'E	3	c	46	92	5	5	–	–	10	10	1500	3·6
	Mildenhall ...	1021·9	-22	ENE	3	b	62	55	6	1	–	–	Tr	Tr	2500	7·7
	Cranwell ...	1023·1	-14	E'S	2	b	54	75	7	1	–	–	1	1	2500	7·4
3	Birmingham ...	1021·0	-14	SE	2	b	56	66	6	–	–	1	0	Tr	–	10·7
	Upper Heyford	1021·5	-22	ENE	3	z_o	57	75	6	5	–	–	2-3	2-3	1500	*
4	Ross-on-Wye	1020·2	-20	E	3	b	59	65	7	1	–	–	1	1	4000	9·5
5	Portland Bill ...	1019·3	-10	E	2	b	56	85	7	–	–	–	0	0	–	*
	Plymouth ...	1019·6	-12	E'S	2	c	52	86	7	5	–	–	9+	9+	800	11·0
	The Lizard ...	1019·4	-8	ENE	4	c	51	85	7	5	2	–	9	10	2500	*
	Scilly (St. Mary's)	1019·3	-6	ESE	4	c	53	75	7	5	2	–	7-8	9+	2500	12·9
	Guernsey ...	1019·1	-12	ENE	3	o	51	85	6	5	–	–	10	10	2500	4·3
6	Pembroke ...	1019·0	-6	SSE	3	z_o	54	75	6	7	–	–	4-6	4-6	5700	12·2
7	Holyhead ...	1019·7	-14	NNW	3	z_o	58	65	6	1	–	6	Tr	4-6	4000	12·8
	Chester (Sealand)	1021·8	-10	SE	3	z_o	57	75	6	5	–	–	2-3	2-3	2500	7·3
8	Manchester ...	1021·4	-12	SSW	3	z_o	62	65	6	1	–	–	2-3	2-3	2500	4·3
10	Spurn Head ...	1024·0	-8	ESE	2	c	47	85	6	5	1	–	7-8	10	1500	1·7
	Catterick ...	1022·5	-10	S'E	4	z_o	51	85	6	5	–	–	9	9	800	9·8
	Tynemouth ...	1022·1	-12	SSE	3	cf	47	97	2	5	–	–	10	10	800	11·2
11	Inchkeith ...	1021·3	-12	NE	2	F	46	97	1	5	–	–	10	10	4150	10·2
	Leuchars ...	1021·2	-10	ESE	2	ff	49	85	5	5	–	–	9+	9+	220	7·2
12	Renfrew (Abbots I.)	1019·6	-16	WSW	2	bc	65	~~85~~ 56	7	–	–	4	0	2-3	–	12·3
	Eskdalemuir ...	1020·0	-6	SSW	3	b	62	55	6	1	–	–	Tr	Tr	4000	9·2
	Point of Ayre ...	1020·2	-12	S	4	b	61	65	6	–	–	–	0	0	–	11·4
13A	Tiree ...	1018·6	-10	S	3	bc	57	75	8	–	–	8	0	2-3	–	10·4
13B	Stornoway ...	1018·3	-6	S	4	c	53	97	8	5	7	3	7-8	9	2500	9·9
15	Dalwhinnie ...	*	-16	S	4	b	67	25	8	–	–	1	0	Tr	–	12·4
	Aberdeen ...	1020·5	-16	S'E	4	c_{f_s}	46	92	5	5	–	–	9	9	220	6·1
	Wick ...	1018·9	-10	S	3	bc	51	92	8	5	–	–	2-3	2-3	1500	*
16	Lerwick ...	1019·1	-8	SSW	5	f	45	92	2	–	–	–	10	10	4150	1·5
17	Blacksod Point	1017·3	-16	S	3	bc	59	75	8	–	3	3	0	2-3	–	*
18	Malin Head ...	1018·3	-8	ENE	2	bc	53	97	6	7	–	–	2-3	2-3	1500	10·7
	Aldergrove ...	1019·0	-18	S	1	bc	64	55	8	1	–	2	Tr	2-3	1500	6·5
19	Birr Castle ...	1018·2	-12	SSE	1	c	64	65	7	1	1	–	2-3	7-8	4000	9·8
20	Valentia Obsy. †	1017·4	-16	W	3	bc	57	85	7	1	–	–	2-3	2-3	4000	13·2
	Roches Point	1019·2	-6	ESE	3	m	52	97	4	5	–	–	10	10	450	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sun. 0–9 (30)
1	London (Kew)	1017·0	-20	ENE	4	z_o	61	65	6	–	–	–	0	0	–	0	*
	Croydon ...	1017·5	-14	ENE	4	b	55	75	6	–	–	6	0	Tr	–	1	*
	S. Farnborough	1016·9	-10	E'N	4	b	62	55	7	–	–	–	0	0	–	0	*
	Boscombe Down	1016·4	-18	E	3	z_o	63	65	6	5	–	–	4-6	4-6	2500	0	*
	Calshot (Sthmtn.)	1016·0	-24	NE	2	b	60	75	7	–	–	–	0	0	–	1	2
	Lympne ...	1017·5	-18	N'E	5	z_o	50	85	6	5	8	3	2-3	4-6	220	0	2
	Manston ...	1017·4	-20	NE'N	4	f	47	97	3	–	–	–	10	10	4150	1	*
2	Shoeburyness ...	1018·6	-20	NE'N	4	o	47	97	5	5	–	–	10	10	1500	1	*
	Felixstowe ...	1016·9	-18	NE	4	bc	49	85	7	5	–	1	2-3	2-3	450	0	2
	Gorleston ...	1019·8	-16	NNE	3	f	45	92	2	–	–	–	10	10	4150	0	2
	Mildenhall ...	1018·4	-18	E'N	4	b	59	65	8	–	–	–	0	0	–	0	*
	Cranwell ...	1019·6	-14	E	3	b	51	75	8	–	–	–	0	0	–	0	*
3	Birmingham ...	1016·6	-20	E	2	bc	61	65	8	7	–	–	2-3	2-3	2500	0	*
	Upper Heyford	1017·5	-24	ENE	2	bc	61	65	7	7	–	–	4-6	4-6	2500	0	*
4	Ross-on-Wye	1016·2	-24	E	3	bc	62	65	7	1	–	–	4-6	4-6	4000	0	*
5	Portland Bill ...	1015·9	-22	NNE	3	b	52	92	7	–	–	–	0	0	–	0	3
	Plymouth ...	1015·9	-14	SW	2	b	53	85	7	–	–	–	0	0	–	0	1
	The Lizard ...	1015·8	-20	ENE	4	c	50	92	7	8	1	–	9	10	1500	0	2
	Scilly (St. Mary's)	1016·1	-20	ESE	3	c	50	85	6	5	–	–	10	10	2500	0	2
	Guernsey ...	1015·6	-16	ENE	1	b	52	85	6	–	–	–	0	0	–	0	3
6	Pembroke ...	1015·9	-20	SW	1	z_o	53	75	6	–	–	–	0	0	–	0	1
7	Holyhead ...	1015·9	-20	NW	2	bc	55	85	6	–	–	8	0	2-3	–	0	1
	Chester (Sealand)	1017·0	-26	E	2	z_o	62	65	6	–	–	–	0	0	–	1	*
8	Manchester ...	1017·6	-20	SSE	3	b	63	55	7	1	–	1	Tr	1	4000	0	*
10	Spurn Head ...	1020·9	-18	ESE	3	o	43	75	6	5	–	–	10	10	800	0	2
	Catterick ...	1018·4	-24	SSE	2	z_o	57	65	6	–	–	–	0	0	–	0	*
	Tynemouth ...	1018·4	-12	SE	3	bc	47	92	6	5	–	–	4-6	4-6	800	0	2
11	Inchkeith ...	1016·9	-12	NE	2	z_o	46	97	6	5	–	–	7-8	7-8	800	1	1
	Leuchars ...	1017·7	-22	E	2	m	46	92	4	5	–	–	10	10	4150	1	*
12	Renfrew (Abbots I.)	1016·1	-20	W	1	b	62	65	7	–	–	–	0	0	–	0	*
	Eskdalemuir ...	1016·2	-20	SW	2	b	63	55	6	–	–	1	0	Tr	–	0	*
	Point of Ayre ...	1016·5	-28	S'E	2	bc	54	75	6	–	–	7	0	4-6	–	0	*
13A	Tiree ...	1014·3	-28	SE'S	3	bc	56	65	8	–	–	6	0	2-3	–	0	2
13B	Stornoway ...	1014·4	-14	SW	5	bc	54	75	7	5	–	5	Tr	4-6	4000	1	3
15	Dalwhinnie ...	1016·1	-20	SW	5	c	63	37	8	–	–	7	0	9	–	0	*
	Aberdeen ...	1018·0	-20	S	3	c_{ds}	45	92	5	5	–	–	9	9	4150	0	2
	Wick ...	1015·9	-18	S	3	c	48	97	6	5	7	–	7-8	9	1500	1	1
16	Lerwick ...	1018·3	-6	SW	5	F	44	92	1	–	–	–	10	10	4150	0	*
17	Blacksod Point	1012·5	-20	W	3	c	64	85	7	–	7	–	0	9	–	0	2
18	Malin Head ...	1013·5	-30	S	3	bc	54	97	7	4	–	–	4-6	4-6	2500	0	2
	Aldergrove ...	1015·4	-24	SE	3	bc	59	65	7	–	5	8	0	4-6	–	1	*
19	Birr Castle ...	1013·9	-16	S	2	c	63	65	8	5	7	–	2-3	7-8	2500	0	*
20	Valentia Obsy. †	1013·9	-18	S'E	3	c	54	85	7	5	7	–	7-8	9+	1500	0	1
	Roches Point	1015·5	-18	S'E	3	c	53	92	6	5	–	–	9+	9+	1500	0	2

PAST 24 HOURS.

Stations	Weather. 7h.—13h. 2nd. (37)	13h.—18h. 2nd. (38)	18h. 2nd to 1h. 3rd. (39)	1h.—7h. 3rd. (40)
London (Kew)	$om_o bz_o$	bz_o	$bz_o bm_w$	cmw
Croydon	om_o, bz_o	$bz_o b$	$bz_o cm_o$	$bm_o w, om$
S. Farnborough	$om_o z_o bz$	bzyby	bybcw	bwcbcm
Boscombe Down	bcb	bbc	bcb	b, om bm
Calshot (Sthmtn.)	bccmbcb	b	bbw	bwbwm
Lympne	of bm	bm_o	$bcm_o bc$	$bcm_o bc$
Manston	$fdomm_o$	$om_o ff$	ffembc	$bbcm_o$
Shoeburyness	$om_o cm_o$	$om_o cm_o$	$om_o bc$	bcbwm
Felixstowe	$cm_o bc, b$	bbc	$bccm_o b$	$bbcmbz_o$
Gorleston	$coff z_o$	$oz_o ff$	of cbc	cbcw
Mildenhall	cbcby	by	b, bz_o	bm_o oftw
Cranwell	$om_o cb$	b	bbccm	cofe
Birmingham	cbcb	bc	bcb	bccf
Upper Heyford	$cm_o bz_o$	bcz_o	$bcbbcz_o$	$bcm_o cy$
Ross-on-Wye	$om_o zbc$	bbc	$bcbm_o w$	$bwgm_o$
Portland Bill	cbc	b	b	b
Plymouth	c	cbcb	bm_o	$bwbcm_o$
The Lizard	c	cz_o	cbcbw	bbccw
Scilly (St. Mary's)	c	cz_o	c	c
Guernsey	bcc	c	b wz	bbcc
Pembroke	o	ocbc	b wz	bbcc
Holyhead	$cbcm_o$	$bcz_o b$	$bm_o w$	$bcm_o c$
Chester (Sealand)	bm_o	bcz_o	$bbcm_o w$	$bbcm_o w$
Manchester	$bmwcm_o$	$bcbz_o y$	$bm_o w$	$bm_o w$
Spurn Head	mbfm	$bz_o by$	by bm	bmbcf
Catterick	oc	co	off	ff
Tynemouth	fcfmm	$cm_o bz_o$	bof	ofe
Inchkeith	off	offbc	bc	bcoFF
Leuchars	FF	fzz_o	$z_o cf$	FFw
Renfrew (Abbots I.)	fefcm	$comm_o f$	omff	ff
Eskdalemuir	$bm_o mbv$	byb	66·c	$bcm_o w$
Point of Ayre	bwby	by	byb	bw
Tiree	bbcb	bbc	bcb	bbc
Stornoway	bcb	bbc	bc	bcz_o
Dalwhinnie	c	cbc	bbc	bc
Aberdeen	b	bbc	*	c
Wick	cfcm	cifcf	cmcf	offe
Lerwick	bc	bcm_o	bcm_o	mff
Blacksod Point	bcoffe	ffbcfe	FFe	FFe
Malin Head	bc	bc	c	rprc
Aldergrove	bbc	bcc	$cz_o bc$	$bcz_o c$
Birr Castle	wjfby	bybc	bcb	$bwcbm_o$
Valentia Obsy.	bbcc	c	cbc	bc
Roches Point	bwbbc	$bccz_o c$	c	$cir_o bc$
	come	omecc	$cz_o c$	c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

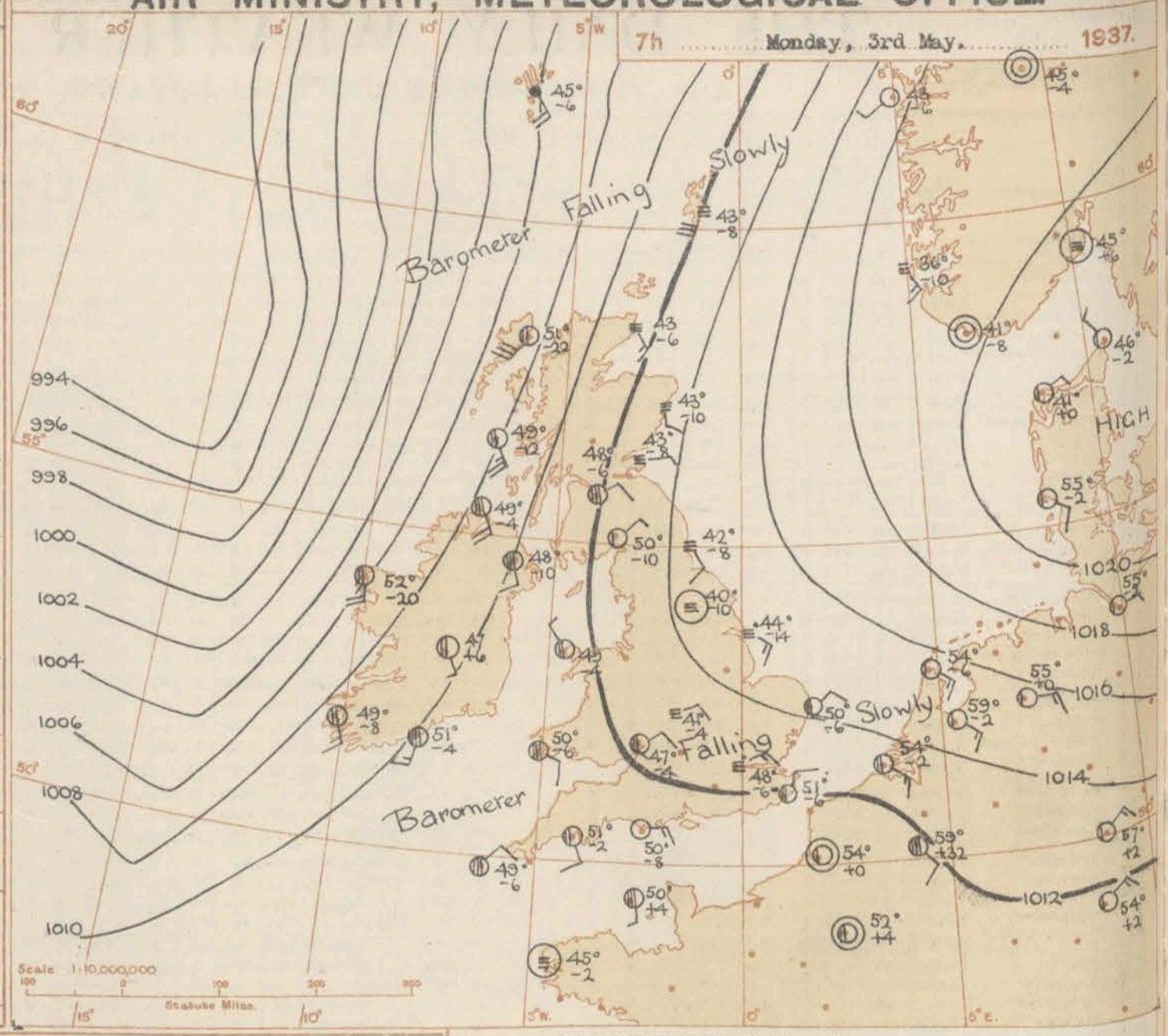
† Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for May 2nd 1937.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	moc	bcb	44	60	-	-	5·7	1·2
	Bournemouth	cbcb	b	45	66	-	-	7·6	7·0
	Ventnor ...	boc	b	45	64	-	-	7·2	7·3
	Southsea ...	cbb	b	44	67	-	-	8·7	8·0
	Bognor Regis	bcbb	b	44	66	-	-	10·1	7·1
	Littlehampton	bc	bcb	44	66	-	-	9·7	4·7
	Worthing ...	bcb	b	45	66	-	-	8·5	3·2
	Brighton ...	b	b	46	66	-	-	11·1	2·5
	Eastbourne† ...	ocbc	bcb	46	63	-	-	6·3	0·0
	Hastings† ...	ocbcb	bb	44	61	-	-	6·6	0·0
	Folkestone ...	ocbc	bcbb	45	57	Trace	-	6·5	0·9
	Dover ...	oc	cbc	46	53	Trace	-	5·9	1·1
	Deal	o	oef	46	49	-	-	0·0	0·3
	Ramsgate ...	cm	cm	45	49	-	-	0·0	0·3
	Margate ...	c	cm	45	48	-	-	0·0	0·1
2	Southend ...	oc	cbcb	45	56	-	-	5·0	0·7
	Maldon ...	ocb	b	45	59	-	-	6·4	0·4
	Clacton-on-Sea	ocbc	bc	44	52	-	-	5·7	1·5
	Dovercourt ...	oc	bz	44	56	-	-	7·1	0·5
	Lowestoft ...	ofm	omf	43	49	-	-	0·0	2·6
	Skegness ...	o	oom	42	47	-	-	0·0	5·3
	Mablethorpe...	om₀o	ocom₀	41	47	-	-	0·0	3·0
	Cleethorpes ...	or₀c	bc	37	49	Trace	-	2·1	9·2
3	Leamington S.	ocbc	b	45	63	-	-	6·0	10·4
4	Cheltenham†	bcb	bbc	44	66	-	-	7·7	6·3
5	Bath	cbcb	bbc	46	65	-	-	7·5	10·3
	Weymouth ...	cb	bz	43	60	-	-	7·5	9·0
	Jersey ...	cbcc	bcb	47	58	-	-	7·4	9·1
	Torquay ...	oz₀	bcb	44	53	-	-	4·5	10·6
	Penzance ...	c	c	47	55	-	-	1·3	12·5
	St. Ives ...	c	b	47	55	-	-	3·1	12·0
	Bude... ...	cbc	bcb	43	59	-	-	8·6	11·8
	Ilfracombe ...	obc	b	47	61	-	-	8·1	11·6
6	Aberystwyth	zbc	bcz	47	62	-	-	10·1	5·4
7	Llandudno ...	b	b	45	68	-	-	10·2	11·6
	Colwyn Bay...	b	b	43	68	-	-	10·6	11·8
	Rhyl	bz₀	bz₀	42	66	-	-	10·7	9·6
8	Wallasey ...	b	b	45	64	-	-	10·5	7·7
	Southport ...	cb	bb	43	68	-	-	10·3	9·8
	Blackpool ...	bzb	bcb	43	65	-	-	10·2	11·2
	Morecambe ...	zbcbc	bbzbc	45	64	-	-	10·5	13·0
9	Ilkley... ...	mb	bb	40	60	-	-	5·9	8·0
	Harrogate ...	o	ob	44	58	-	-	3·3	9·1
10	Berwick-on-T.	bm₀m₀	m₀m₀b	39	50	Trace	-	7·9	9·4
11	Dunbar ...	oef	bcm₀	40	54	-	-	4·3	9·8
12	Troon... ...	wbcbb	bbcbb	39	60	-	-	11·2	10·8
	Douglas ...	bc	bcz	43	61	-	-	11·0	11·6

† 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. 3rd May, 1937.
1 S.E. England	Light easterly or variable winds; fine; local morning mist; rather warm.
2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light variable winds, mainly between east and south; fair; fog near coast, night and morning; rather warm inland, cool on coast.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Light to moderate southerly winds; mainly fair; tendency for thunder; local morning fog; rather warm.
10 N.E. England 11 S.E. Scotland	As 2 - 4.
12 S.W. Scotland & Isle of Man.	Moderate to fresh southerly winds; stronger locally; mainly fair; average temperature.
13 A. W. Scotld. B. N.W. Scotland ✝	Moderate to strong southerly to southwesterly winds; cloudy at times; showers; average temperature.
14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland ✝	As 12 - 13A.
17 N. W. Ireland	As 13B.
18 N. E. Ireland 19 S. E. Ireland	Moderate to fresh southerly winds; mainly fair; rather warm.
20 S. W. Ireland	As 13B.

GENERAL INFERENCE

A complex and deepening depression to the south of Iceland is almost stationary and an anticyclone over the Baltic is moving slowly eastwards. Weather, apart from some fog in eastern coastal districts and showers along the northwest seaboard, will continue mainly fair with rather high day temperatures inland.

FURTHER OUTLOOK.

Mainly fair in the South, doubtful in the North and West.

Time of Issue of Gale Warnings.

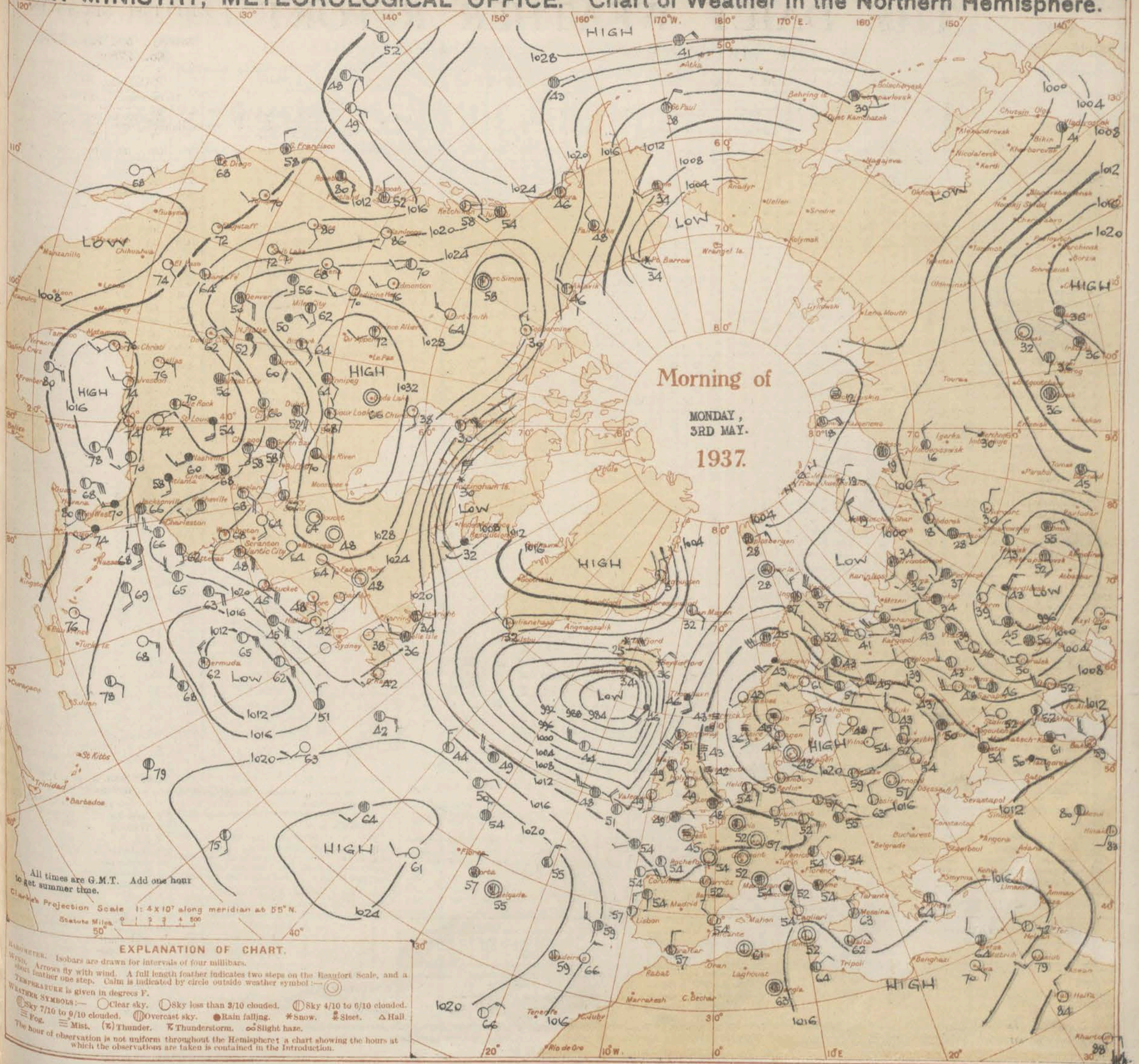
✝ South Cone hoisted at 0900 on 2nd in districts 13B. and 16.

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.



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 3rd May, 1937.
No. 27556.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1014·7	−18	ENE	2	2o	48	92	6	5	–	–	9	9	800
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1014·1	−18	NE	4	bc	48	92	6	5	–	–	4-6	4-6	2500
	Manston ...	142	1013·7	−20	NNE	3	b	48	85	6	–	–	–	0	0	–
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1016·1	−18	NNE	2	bc	45	92	7	5	–	–	4-6	4-6	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1012·0	−16	E	3	b	52	85	7	–	–	–	0	0	–
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1012·4	−16	NEN	3	b	48	92	7	–	–	–	0	0	–
	Scilly (St. Mary's)	163	1013·1	−18	E	1	c	49	92	6	5	–	–	10	10	2500
	Guernsey ..	175	1012·5	−20	–	0	2o	48	97	6	–	–	–	0	0	–
6	Pembroke ...	142	1013·0	−8	N	2	2o	47	85	6	5	–	–	Tr	Tr	4000
7	Holyhead ...	26	1013·9	−14	SE	1	b	48	97	6	–	–	–	0	0	–
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1017·2	−16	ESE	3	f	41	97	2	5	–	–	10	10	<150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1017·2	−6	S	2	bc	45	97	7	5	–	–	2-3	2-3	1500
11	Inchkeith ...	190	1014·7	−4	NE	2	F	45	97	1	5	–	–	10	10	<150
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1015·1	−2	S	2	b	49	92	6	–	–	–	0	0	–
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1011·2	−16	SSW	1	bc	47	85	8	5	–	–	4-6	4-6	4000
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1013·3	−8	SSE	2	bc	44	97	6	5	–	–	4-6	4-6	800
16	Lerwick ...	156	1015·8	−16	SW	5	F	43	97	1	–	–	–	10	10	<150
17	Blacksod Point	18	1008·9	−16	S	4	c	52	85	7	5	–	–	10	10	800
18	Malin Head ...	84	1010·0	−10	SSE	4	bc	53	97	7	5	–	–	4-6	4-6	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1010·7	−14	SW	3	c	50	97	6	5	–	–	9+	9+	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)
London (Kew)	1012·2	−4	ENE	2	m	49	85	4	5	*	–	9+	9+	1500	0	*
Croydon ...	1012·4	−6	ENE	3	m	48	97	4	5	–	–	10	10	220	1	*
S. Farnborough	1012·1	−6	ENE	2	2o	47	92	5	5	3	–	9	9+	800	0	*
Boscombe Down	1011·9	−4	ENE	2	2o	48	92	6	–	–	–	0	0	–	1	*
Calshot (Sthmtn.)	1011·5	−2	NNW	2	2o	50	92	6	–	4	–	0	Tr	–	1	§0
Lympne ...	1011·8	−6	NE	2	2o	51	85	5	5	8	–	4-6	4-6	2500	0	§0
Manston ...	1012·0	−2	E	1	2o	53	85	5	5	7	–	2-3	7-8	4000	1	*
Shoeburyness ...	1012·7	−4	ENE	3	b	53	85	6	–	7	–	0	1	–	1	*
Felixstowe ...	1013·1	−8	NE	3	2o	52	85	6	1	–	–	Tr	Tr	2500	0	1
Gorleston ...	1013·7	−6	NE	2	bc	50	85	6	–	3	–	0	2-3	:	0	2
Mildenhall ...	1013·1	−8	E	2	m	47	97	4	5	–	–	10	10	220	1	*
Cranwell ...	1014·2	−8	NE'E	2	f	43	97	2	5	–	–	10	10	220	0	*
Birmingham ...	1013·2	−4	ENE	2	f	41	97	3	5	–	–	10	10	1500	0	*
Upper Heyford	1013·1	−6	NE	3	2o	44	97	5	5	–	–	10	10	450	0	*
Ross-on-Wye	1012·5	−4	ENE	2	2o	47	85	6	5	–	1	2-3	2-3	450	0	*
Portland Bill ...	1010·6	−8	E	3	b	50	92	7	–	–	–	0	0	–	0	3
Plymouth ...	1010·8	−2	SSE	2	2o	51	92	6	5	3	1	2-3	4-6	2500	0	0
The Lizard ...	1010·8	−2	NE'N	1	c	50	92	6	5	–	–	9+	9+	1500	0	2
Scilly (St. Mary's)	1011·0	−6	NE	2	c	49	97	6	5	–	–	10	10	2500	0	1
Guernsey ..	1011·6	+4	S	1	c/pr	50	92	6	5	–	–	9	9	1500	1	1
Pembroke ...	1010·4	−6	ESE	2	2o	50	92	6	5	–	–	9+	9+	4000	0	1
Holyhead ...	1010·9	−4	NW'N	1	bc	49	92	6	5	–	–	2-3	2-3	4000	0	0
Chester (Sealand)	1012·8	−8	ESE	3	2o	48	85	5	–	–	9	0	2-3	–	1	*
Manchester ...	1013·0	−8	–	0	bcf	49	85	3	–	–	4	0	4-6	–	1	*
Spurn Head ...	1014·4	−14	ESE	3	m	44	97	4	5	–	–	10	10	220	0	2
Catterick ...	1014·6	−10	–	0	f	40	97	3	–	–	–	10	10	<150	0	*
Tynemouth ...	1014·5	−8	SSE	2	F	42	97	1	5	–	–	10	10	800	0	1
Inchkeith ...	1013·6	−4	NE	1	F	43	97	1	–	–	–	0	0	–	1	1
Leuchars ...	1013·7	−8	E	1	f	43	97	2	–	–	–	10	10	<150	1	*
Renfrew (Abbots I.)	1011·8	−6	ENE	2	2o	48	92	5	5	3	–	4-6	7-8	4000	0	*
Eskdalemuir ...	1012·6	−10	NE	1	b	50	85	7	–	3	1	0	1	–	1	*
Point of Ayre...	1011·5	−8	S'W	4	bc	50	85	7	7	–	–	2-3	2-3	2500	1	2
Tiree	1007·3	−12	S'E	5	2	49	85	6	2	7	8	2-3	4-6	1500	0	3
Stornoway ...	1008·9	−22	SSW	6	bc	51	75	6	1	–	6	Tr	4-6	4000	1	3
Dalwhinnie ...	1011·9	−6	SW	3	c	50	85	6	4	6	–	4-6	7-8	2500	0	*
Aberdeen ...	1013·2	−10	S	2	f	45	97	2	–	–	–	10	10	<150	0	1
Wick ...	1010·7	−6	SSE	3	F	45	97	1	–	–	–	10	10	<150	1	2
Lerwick ...	1012·9	−8	SSW	6	F	43	97	1	–	–	–	10	10	<150	0	*
Blacksod Point	1006·1	−20	S	4	bc	52	75	7	–	7	–	0	4-6	–	0	3
Malin Head ...	1008·1	−4	SSE	4	c	49	97	5	5	–	–	7-8	7-8	2500	0	1
Aldergrove ...	1010·4	−10	S'E	2	2o	48	85	6	5	1	7	9+	10	1500	1	*
Birr Castle ...	1009·5	−6	S'E	1	bc	47	85	8	5	–	–	2-3	2-3	4000	0	*
Valentia Obsy. †	1008·6	−8	S'E	3	bc	49	92	7	5	–	1	2-3	2-3	1500	0	1
Roches Point	1009·9	−4	SSW	3	c	51	85	8	5	–	–	7-8	7-8	2500	0	1

PAST 24 HOURS.

Stations	Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F. (32)	Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 2nd Hrs. (36)
London (Kew)	65	46	41	–	–	7·8
Croydon ...	62	42	37	–	–	7·2
S. Farnborough	66	43	34	–	Tr	8·1
Boscombe Down	64	46	43	–	–	10·3
Calshot (Sthmtn.)	65	48	49	–	–	11·4
Lympne ...	54	44	42	–	–	8·2
Manston ...	48	43	34	Tr	Tr	0·4
Shoeburyness ...	53	44	40	–	–	1·0
Felixstowe ...	53	44	42	–	–	8·0
Gorleston ...	47	43	42	–	–	0·0
Mildenhall ...	64	41	37	–	Tr	8·7
Cranwell ...	60	40	41	–	–	8·5
Birmingham ...	62	40	35	–	–	8·1
Upper Heyford	62	41	37	–	–	*
Ross-on-Wye	63	43	37	–	–	8·6
Portland Bill ...	56	47	*	–	–	*
Plymouth ...	61	45	37	–	–	5·8
The Lizard ...	52	46	*	–	–	*
Scilly (St. Mary's)	54	48	*	–	–	1·5
Guernsey ..	52	46	40	–	Tr	2·2
Pembroke ...	56	45	*	–	Tr	3·2
Holyhead ...	59	46	36	–	–	11·5
Chester (Sealand)	64	39	36	–	–	10·2
Manchester ...	66	44	33	–	–	10·1
Spurn Head ...	47	40	*	–	–	0·4
Catterick ...	57	40	39	Tr	Tr	5·9
Tynemouth ...	49	42	38	–	–	5·4
Inchkeith ...	47	42	43	–	–	1·1
Leuchars ...	50	43	43	–	–	0·6
Renfrew (Abbots I.)	67	48	42	–	–	11·8
Eskdalemuir ...	66	38	32	–	–	11·8
Point of Ayre...	63	47	*	–	–	11·4
Tiree	50	47	45	–	–	14·0
Stornoway ...	58	48	*	–	–	11·7
Dalwhinnie ...	68	46	43	–	–	12·8
Aberdeen ...	51	41	41	–	–	4·0
Wick ...	52	38	*	–	–	*
Lerwick ...	50	42	*	–	–	8·2
Blacksod Point	50	48	*	–	Tr	*
Malin Head ...	66	49	*	–	–	10·0
Aldergrove ...	65	44	37	–	–	11·7
Birr Castle ...	67	42	32	–	–	10·8
Valentia Obsy. †	60	48	43	Tr	0·2	8·7
Roches Point	54	50	*	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.	Weather Night.	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity 15h. G.M.T % (Yesterday.)	Humidity 9h. G.M.T % (To-day.)	Visibility 9h. (To-day.)
Kew ...	18	0m, bz	bz	bzm	65	46	41	–	–	7·8	*	*	4
Croydon ...	217	0m, bz	bzb	bzmj	62	42	37	–	–	7·2	*	*	5
Greenwich (Royal Observatory) ...	149	c	b	bcbwm	64	43	33	–	Tr.	6·9	65	81	5
City (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	7·4	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	65	48	43	–	–	7·7	55	77	*
Regents Pk. (Botanic Gardens)‡ ...	168	*	*	*	65	45	40	–	–	7·8	58	75	*
Camden Square ...	110	bbcc	cbc	*	60	48	46	–	–	*	*	82	*
Kensington ...	80	bz	bc	*	66	46	40	–	–	8·0	At 18h. 68	79	*
Hampstead Observatory ...	450	c	bc	bm	63	43	38	–	–	7·8	*	77	*

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

South Kensington. Max.	Time.	Min.	Time.
0·5	10h 2nd.	<0·3	0·2h 1st.

Kew Observatory. Max.	Time.	Min.	Time.
0·3	11h 2nd	0·1	7h 2nd.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. May 2nd. Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. May 3rd. Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris ...	1012·2	NE	2	b	72	1011·1	–	0	bc	52	73	46	–	–
Brussels ...	1014·9	NE	3	c	64	1012·2	SE	2	c	59	68	*	–	*
Berlin ...	1018·9	ENE	2	bc	68	1018·7	ENE	1	2	63	73	54	–	–
Zürich ...						1011·4	NW	1	c	50		46		–
Rome ...						1013·3	ENE	1	c	54	*	*		*

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 3, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 4th May, 1937.
No. 27557.

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1009.3	-12	E	2	zo	68	55	6	7	6	-	4.6	4.6	2500
	Croydon	1009.2	-14	ENE	2	c	68	65	7	2	-	-	7.8	7.8	4000
	S. Farnborough	1009.4	-14	ESE	2	c	71	45	6	2	-	-	7.8	7.8	4000
	Boscombe Down	1009.6	-14	ESE	1	bc	67	55	7	2	3	-	4.6	4.6	2500
	Calshot (Sthmtn.)	1010.2	-10	ES	2	zo	59	75	6	3	8	5	9	10	4800
	Lympne	1011.1	-6	SE'S	2	bc	67	55	7	3	-	4	1	2.3	4000
	Manston	1010.8	-6	NE	2	bc	66	55	7	2	-	6	1	4.6	2500
2	Shoeburyness	1011.1	-8	ENE	2	bc	63	75	6	2	3	2	1	4.6	5700
	Felixstowe	1011.8	-8	ENE	3	zo	58	75	6	-	-	6	0	4.6	-
	Gorleston	1012.2	-6	ENE	1	bc	52	85	6	-	-	9	0	2.3	-
	Mildenhall	1010.4	-14	SE	3	bc	72	45	8	2	-	-	4.6	4.6	2500
	Cranwell	1011.6	-14	NEE	2	b	56	75	7	7	-	4	Tr	Tr	4000
3	Birmingham	1011.3	-14	E	2	b	55	75	5	-	-	1	0	1	-
	Upper Heyford	1011.0	-14	NE	2	zo	62	75	6	7	-	-	1	1	2500
4	Ross-on-Wye	1010.5	-8	E'N	3	zo	61	65	6	1	8	9	Tr	1	4000
5	Portland Bill	1009.8	-6	SW	3	bc	54	92	7	4	-	-	4.6	4.6	2500
	Plymouth	1010.7	+2	SWS	2	zo	53	92	6	5	-	-	10	10	800
	The Lizard	1010.8	-4	WSW	2	c	57	75	7	7	6	-	4.6	7.8	2500
	Scilly (St. Mary's)	1011.3	0	W'S	2	c	58	85	7	5	2	-	7.8	10	2500
	Guernsey	1010.9	-2	-	0	zo	56	85	5	5	7	8	4.6	7.8	4000
6	Pembroke	1009.5	-4	WSW	1	zo	55	85	6	7	6	-	4.6	4.6	4000
7	Holyhead	1010.0	-8	NNW	2	bc	53	85	6	5	-	-	2.3	2.3	4000
	Chester (Sealand)	1010.3	-18	ESE	3	zo	55	75	5	1	-	6	Tr	4.6	2500
8	Manchester	1010.4	-14	S	2	zo	64	65	5	-	5	1	0	4.6	-
10	Spurn Head	1012.2	-4	E	2	bc	53	75	7	-	1	1	0	2.3	-
	Catterick	1011.4	-18	S'E	1	bc	57	65	7	1	3	-	Tr	2.3	4000
	Tynemouth	1012.4	-12	SE	2	bc	46	92	6	2	-	-	4.6	4.6	1500
11	Inchkeith	1009.7	-8	NE	3	c	50	85	8	8	-	-	7.8	7.8	2500
	Leuchars	1010.5	-22	ENE	3	c	55	75	8	1	-	2	2.3	9+	4000
12	Renfrew (Abbots I.)	1008.4	-20	S	3	c	66	45	8	2	-	-	7.8	7.8	5700
	Eskdalemuir	1008.8	-16	SSW	4	bc	63	55	8	2	-	8	4.6	4.6	2500
	Point of Ayre	1010.0	-8	NNW	1	b	59	75	7	7	-	-	1	1	4000
13A	Tiree	1007.2	-6	S	5	b	57	75	6	-	-	-	0	0	-
13B	Stornoway	1005.4	-10	SW	7	bc	55	65	6	1	-	6	1	4.6	4000
15	Dalwhinnie	1010.1	-8	SSE	4	c	57	65	6	4	6	-	4.6	7.8	2500
	Aberdeen	1012.1	-10	SSE	3	fs	50	75	6	5	7	9	1	4.6	<150
	Wick	1008.7	-6	SSE	4	c	52	85	6	5	1	-	7.8	10	800
16	Lerwick	1010.9	-10	SSW	6	f	44	97	2	-	-	-	10	10	<150
17	Blacksod Point	1007.2	+10	W	4	rr	49	92	7	6	-	-	10	10	800
18	Malin Head	1007.0	-6	S'E	4	c	57	92	7	7	-	-	7.8	7.8	2500
	Aldergrove	1008.7	-10	SSW	4	bc	57	65	7	1	-	-	4.6	4.6	2500
19	Birr Castle	1008.9	-4	SSW	2	c	55	65	8	5	1	-	7.8	10	2500
20	Valentia Obsy. †	1008.9	+6	S'W	4	ro	53	85	7	6	-	-	10	10	1500
	Roches Point	1009.9	0	S	3	c	53	85	8	5	-	-	7.8	7.8	2500

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

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)	1009.6	-2	S	3	b	68	45	8	5	3	-	Tr	1	4000	0	*
	Croydon	1009.6	+2	SSW	3	b	67	45	7	1	-	-	Tr	Tr	5700	1	*
	S. Farnborough	1009.6	+8	SSW	3	b	66	55	7	-	-	1	0	Tr	-	0	*
	Boscombe Down	1009.8	+14	SSW	3	bc	61	65	7	8	-	8	2.3	2.3	2500	0	*
	Calshot (Sthmtn.)	1010.5	+4	SSW	3	m	52	92	4	5	8	-	10	10	800	0	2
	Lympne	1010.6	-2	SE	2	b	64	65	7	-	3	3	0	Tr	-	0	1
	Manston	1010.2	-2	E'S	2	b	63	55	7	-	-	8	0	1	-	1	
2	Shoeburyness	1010.3	-4	E'S	2	b	56	85	6	-	-	-	0	0	-	1	*
	Felixstowe	1010.8	-10	NE'E	2	zo	58	75	6	-	-	1	0	Tr	-	0	1
	Gorleston	1010.8	-6	ENE	1	bc	53	85	6	-	-	1	0	2.3	-	0	2
	Mildenhall	1009.6	0	SSE	3	b	65	45	8	2	6	-	Tr	1	4000	0	*
	Cranwell	1009.7	-6	ENE	2	bc	65	65	6	8	3	-	4.6	4.6	2500	0	
3	Birmingham	1009.8	0	S	3	c	63	65	6	6	2	-	4-6	9+	2500	0	*
	Upper Heyford	1010.4	+8	NW	1	c/r	57	85	7	3	8	1	7.8	9	2500	1	*
4	Ross-on-Wye	1010.8	+12	SW	2	r/tlr	53	97	7	3	-	-	9+	9+	2500	1	*
5	Portland Bill	1010.2	+6	SW	3	c	50	92	6	5	-	-	10	10	1500	1	3
	Plymouth	1011.1	+6	SW'S	2	zo	53	92	6	5	7	-	7.8	9+	1500	1	0
	The Lizard	1012.0	+10	WSW	3	c	52	85	7	5	-	-	9+	9+	2500	0	2
	Scilly (St. Mary's)	1012.0	+4	WSW	2	c	52	85	7	5	7	-	4.6	7.8	2500	0	1
	Guernsey	1012.0	+8	WS	3	zo	51	92	6	5	-	-	10	10	1500	0	1
6	Pembroke	1010.5	+2	WNW	2	zo	52	85	6	5	-	-	9+	9+	4000	0	1
7	Holyhead	1010.4	+6	SSW	3	bc	54	75	7	-	6	-	0	2.3	-	0	1
	Chester (Sealand)	1010.2	+10	W	3	tLR	53	85	5	9	2	-	7.8	10	800	1	*
8	Manchester	1009.2	-4	SSW	2	c	66	55	6	1	7	6	2.3	7.8	4800	0	
10	Spurn Head	1010.1	-10	E	2	c	50	92	6	5	7	1	4.6	7.8	2500	0	1
	Catterick	1009.6	-6	SSW	1	zo	58	75	6	2	-	1	2.3	2.3	4000	0	*
	Tynemouth	1010.2	-10	SE	2	bc	46	92	7	5	3	-	4.6	4.6	1500	0	1
11	Inchkeith	1008.3	-4	SE	3	c	52	85	8	8	-	-	7.8	7.8	2500	0	2
	Leuchars	1008.9	-4	ENE	2	pro	52	75	7	8	8	-	7.8	7.8	4000	1	*
12	Renfrew (Abbots I.)	1008.3	+2	WSW	3	b	60	65	7	1	-	-	Tr	Tr	5700	0	*
	Eskdalemuir	1008.4	+4	SSW	4	jp	62	45	7	2	-	4	1	1	2500	0	
	Point of Ayre	1009.6	-2	W'N	4	bc	57	75	8	4	6	-	2.3	4.6	2500	0	2
13A	Tiree	1007.7	+6	SW'W	3	zo	52	85	6	5	7	6	2.3	9+	4000	0	3
13B	Stornoway	1006.1	+6	SSW	6	bc	54	65	7	1	-	6	1	4.6	4000	1	3
15	Dalwhinnie	1008.6	+2	SW	3	bc	58	55	6	4	5	-	4.6	4.6	2500	0	
	Aberdeen	1010.4	-10	SSE	3	c	45	85	6	5	-	-	9+	9+	220	0	2
	Wick	1007.3	-4	SE	5	c	48	97	6	5	7	-	4.6	7.8	800	0	3
16	Lerwick	1009.8	-8	S	5	bc	47	85	8	5	9	-	2.3	4.6	1500	0	
17	Blacksod Point	1009.3	+10	W	4	c	53	65	8	9	3	1	4.6	7.8	1500	0	3
18	Malin Head	1008.0	+14	W	3	c	51	97	7	4	-	-	9	9	2500	0	2
	Aldergrove	1008.4	-4	W'S	2	c	58	65	7	5	-	8	4.6	9	4000	1	
19	Birr Castle	1008.9	+4	SW	1	c	55	75	8	5	2	-	4.6	10	2500	0	*
20	Valentia Obsy. †	1011.5	+14	N	2	roro	49	85	8	5	2	-	4.6	9+	1500	1	2
	Roches Point	1010.2	+2	SW	3	c	55	85	7	5	-	67	7.8	9	1500	0	21

PAST 24 HOURS. WEATHER.

District	Stations	7h.—13h. 3rd (37)	13h.—18h. 3rd (38)	18h. 3rd to 1h. 4th (39)	1h.—7h. 4th (40)
1	London (Kew)	cmbzbc	cbcby	bbc	cmw
	Croydon	cmcbzoy	cprobczo	bmow, f	ofomo
	S. Farnborough	cmobzoy	czoby	bybw	bwcfmd
	Boscombe Down	bcy	cprobc	bcb	bbcmo
	Calshot (Sthmtn.)	bzo	bzocm	cmoffe	bcffecm
	Lympne	bbcy	by	bzobcwm	bcmFe
	Manston	bczobc	bcby	bymoz	bcfF
2	Shoeburyness	bmobcz	bcbmo	bmob	bwmc
	Felixstowe	bzobczo	bczobzo	bcz	bczbcm
	Gorleston	bczo	bczoz	bcbzoz	bc
	Mildenhall	cmbzobc	bcby	bybzo	bzocmbc
	Cranwell	ofeob	bbc	KQPRR	bofeofe
3	Birmingham	fob	b, c	ctprobc	bc
	Upper Heyford	ocbcbm	bcctlrqr	cbcbwm	bwmfFe
4	Ross-on-Wye	bczbzo	bzctLR	robcbFcm	cmcmo
5	Portland Bill	bprc	coff	bcoff	offc
	Plymouth	bccropm	ocmo	cmo	bwcmo
	The Lizard	czo	cbczo	cbcw	bccmw
	Scilly (St. Mary's)	c	cbcc	cbc	bccmo
	Guernsey	cpomz	czbco	oziro	ocbc
6	Pembroke	bczo	bcczo	bbc	cmow
7	Holyhead	bcmoF	bbcmo	bcbmo	bwc
	Chester (Sealand)	bbczo	bctlrm	tlrcmo	cmo
8	Manchester	bcfbbc	bczoy	bcctlR	ciromo
10	Spurn Head	fcbc	bcc	bcwmo	mf
	Catterick	femobc	bczo	bcmocro	cbccmow
	Tynemouth	offbc	bcpo	bco	c
11	Inchkeith	Fzc	c	c	crorоz
	Leuchars	ffm, bc	cproc	cprobc	bccrr
12	Renfrew (Abbots I.)	cmozbcy	bcyzob	bbcmo	bccfwm
	Eskdalemuir	bwbc	bcyt	b	bcproo
	Point of Ayre	bcb	bbc	bcbb	bccf
13A	Tiree	bzo	bzoc	zodir	bcw
13B	Stornoway	bczo	bczo	cprobc	bcc
15	Dalwhinnie	c ir	c	*	cir
	Aberdeen	cfebc	bcozo	cobtw	bccro
	Wick	Ffmo	cmo	cbcmo	bccmo
16	Lerwick	FFe	ffebc	bccmo	cprmo
17	Blacksod Point	ir	irc	bc	bc
18	Malin Head	bcc	cbc	c	
	Aldergrove	cmobc	bccbcyc	c	crorroc
19	Birr Castle	bcc	c	coroґo	rorobc
20	Valentia Obsy. †	bcciro	croro	rorocbcb	bwbc
	Roches Point	c	c	cproc	cbcb

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 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.*

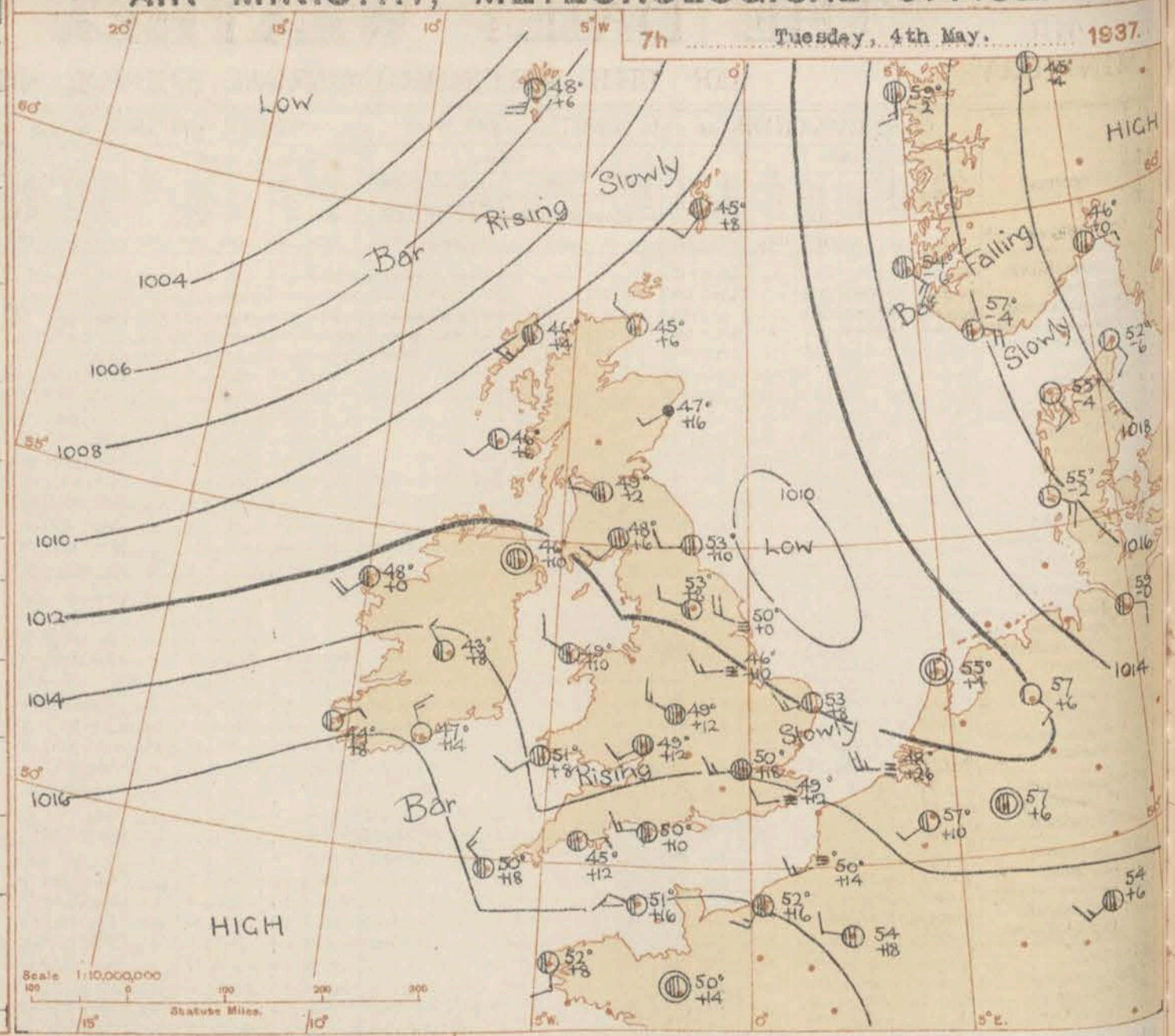
† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 3rd. May 1937.

Districts	Stations	Weather: Forenoon	Weather: Afternoon	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	Sunshine (Hrs) Sunrise to Sunset. 2nd
1	Tunbridge W.	b	bcb	43	73	-	-	9.1	6.9
	Bournemouth	b	bz	45	64	-	-	10.0	8.5
	Ventnor ...	bz	bom	49	61	-	-	9.0	8.8
	Southsea ...	b	b	48	64	-	-	11.4	10.5
	Bognor Regis	b	bm	47	61	-	-	10.6	11.8
	Littlehampton	b	bbcm	46	64	-	-	11.4	11.8
	Worthing ...	b	b	43	63	-	-	11.9	10.5
	Brighton ...	b	b	49	62	-	-	11.5	12.6
	Eastbourne† ...	b	bby	48	65	-	-	11.6	7.9
	Hastings† ...	b	b	47	63	-	-	*	8.3
	Folkestone ...	bz bb	b	47	66	-	-	11.5	8.0
	Dover ...	bcb	b	48	62	-	-	10.3	7.1
	Deal	b	b	44	63	-	-	10.5	0.2
	Ramsgate ...	bm	bm	47	60	-	-	11.7	0.0
	Margate ...	bc	bc	46	64	-	-	11.2	0.0
2	Southend ...	b	b	47	67	-	-	12.1	6.2
	Maldon ...	b	b	46	67	-	-	10.6	8.3
	Clacton-on-Sea	bcm	bcbm	45	57	-	-	11.0	5.9
	Dovercourt ...	bz	bz	45	60	-	-	12.2	7.4
	Lowestoft ...	b	b	43	59	-	-	*	0.0
	Skegness ...	cb	bc	42	65	-	-	8.6	0.0
	Mablethorpe...	b	bbc	41	53	-	-	9.2	0.0
	Cleethorpes ...	cbc	bbc	41	65	-	-	7.4	2.1
3	Leamington S.	cbc	cow	41	66	-	-	3.4	7.3
4	Cheltenham†	wbcb	bcct	44	69	-	-	9.1	5.6
5	Bath	cbcb	bctr	46	69	-	3	5.1	8.9
	Weymouth ...	b	cpb	48	59	-	0.1	8.7	5.5
	Jersey ...	f	fcbcb	48	55	-	-	2.5	9.1
	Torquay ...	rpbcp	crpbc	44	59	2	0.2	4.7	6.5
	Penzance ...	c	c	45	60	-	-	3.2	2.1
	St. Ives ...	o	c	47	54	-	-	1.0	5.1
	Bude... ...	cbcc	cbcc	51	56	-	-	4.0	9.8
	Ilfracombe ...	bcbbc	bccpc	47	60	-	Trace	5.4	9.5
6	Aberystwyth	zbc	bctr	50	62	-	0.5	8.1	11.7
7	Llandudno ...	bbcmc	bctr	48	61	-	4	10.5	11.8
	Colwyn Bay...	bcbcb	bcptc	46	61	-	1	8.6	12.4
	Rhyl	zb	bctr	46	67	-	0.2	8.4	11.8
8	Wallasey ...	bcb	bbcc	48	65	-	-	10.1	11.7
	Southport ...	bzbcz	bczz	44	70	-	-	10.3	11.8
	Blackpool ...	bcb	bcz	45	69	-	-	10.5	11.8
	Morecambe ...	bcbcc	cbbbc	48	66	-	-	10.0	12.0
9	Ilkley... ...	c	bcbbc	38	61	-	-	4.5	8.0
	Harrogate ...	ob	b	35	62	-	-	5.4	4.7
10	Berwick-on-T.	bcmc	bcc	41	49	Trace	-	10.2	7.3
11	Dunbar ...	bcm	bcm	40	65	-	-	7.0	4.3
12	Troon... ...	bcbc	bcbcb	51	62	-	-	8.5	12.5
	Douglas ...	bc z	bz	47	61	-	-	8.7	13.0

† 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. 4th May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light variable to westerly winds; bright and cloudy periods, local showers, perhaps of a thundery type; local morning fog; rather warm.
4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Light to moderate variable to southwesterly winds; cloudy periods and occasional local rain at first, then a fairer interval followed by increasing cloud and rain at times; local morning fog; rather warm.
10 N.E. England 11 S.E. Scotland	Light variable winds, freshening from southwest; bright periods and showers at first, cloudy later; local coastal fog; average temperature.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland	Light to moderate variable to southwesterly winds, freshening; bright periods with showers today, cloudy with rain tomorrow; 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	Light to moderate westerly winds, backing and freshening; bright periods and showers at first, becoming cloudy with rain later; average temperature.

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

GENERAL INFERENCE.

A shallow trough of low pressure, associated with a depression to the north of Iceland, is moving slowly eastwards across the British Isles. After occasional local rain at first weather will, apart from local showers, perhaps of a thundery type near the east coast, become for a time mainly fair. Later rain will spread from the Atlantic to western districts.

FURTHER OUTLOOK.

Rain at times in the West and North, probably mainly fair in the Southeast.

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.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 4th May, 1937.
No. 27557.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1012.0	+2	S'W	3	f	48	97	5	-	-	-	10	10	4150
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1012.6	+2	SW'W	1	2₀	47	97	5	5	7	-	2.3	4.6	1500
	Manston ...	142	1011.6	0	S'W	1	b	50	85	6	-	-	-	0	0	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1010.6	-2	-	0	b	48	92	6	-	-	-	0	0	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1012.6	+6	NNW	3	f	49	92	2	5	-	-	10	10	4150
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1014.6	+4	SW'W	2	bc	47	97	7	5	-	-	4.6	4.6	2500
	Scilly (St. Mary's)	163	1013.8	+2	SSW	2	bc	50	97	7	5	-	-	4.6	4.6	2500
	Guernsey ..	175	1014.4	+4	W	2	0	50	85	6	5	-	-	10	10	2500
6	Pembroke ...	142	1012.3	+8	WSW	2	bc	49	92	7	5	-	-	4.6	4.6	4000
7	Holyhead ...	26	1011.8	+2	S'W	3	b	49	92	7	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1010.8	0	SE'S	2	2₀	48	97	5	5	-	-	4.6	4.6	220
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1010.5	0	NW	2	0	49	85	5	5	-	-	10	10	800
11	Inchkeith ...	190	1010.4	+6	SSW	2	c	50	92	6	5	2	-	2.3	10	1500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsinch)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1010.6	+2	S	1	b	47	92	7	-	-	-	0	0	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1005.1	+8	SSW	3	bc	46	92	7	5	7	-	2.3	4.6	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1009.0	+10	N	1	bc	48	92	6	5	-	-	4.6	4.6	800
16	Lerwick ...	156	1010.2	-2	SW	4	c	45	97	6	5	-	-	9+	9+	450
17	Blacksod Point	18	1012.3	+10	W	2	b	45	65	8	-	-	-	0	0	-
18	Malin Head ...	84	1011.1	+8	SW	1	c	48	97	7	4	-	-	9	9	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1014.4	+10	NW	2	b	47	92	8	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)
1	London (Kew)	1014.1	+16	WSW	2	m	49	92	4	5	-	-	10	10	1500	0	*
	Croydon ...	1014.0	+18	W	3	2₀	50	97	5	5	-	-	10	10	450	0	*
	S. Farnborough	1014.1	+16	W'N	2	2₀	50	92	5	5	-	-	10	10	450	0	*
	Boscombe Down	1014.5	+12	W'N	3	2₀	48	85	6	5	3	-	4.6	4.6	2500	0	*
	Calshot (Sthmtn.)	1014.4	+10	WNW	3	2₀	51	85	6	5	3	-	2.3	5	1500	1	1
	Lympne ...	1014.1	+12	W	2	f	49	97	2	-	-	-	10	10	4150	0	§ 1
	Manston ...	1013.4	+16	SW	3	f	48	97	3	-	-	-	10	10	4150	1	*
2	Shoeburyness ...	1013.4	+18	W'S	3	m	52	92	4	5	-	-	9+	9+	800	1	*
	Felixstowe ...	1012.6	+6	W'S	3	2₀	53	85	5	1	-	8	Tr	4.6	4000	1	2
	Gorleston ...	1011.0	+8	WSW	3	bc	53	85	5	-	6	-	0	4.6	-	0	2
	Mildenhall ...	1012.2	+14	W'S	3	m	51	92	4	-	-	-	0	0	-	1	*
	Cranwell ...	1012.2	+10	W	3	cF	46	97	1	5	-	-	10	10	450	1	*
3	Birmingham ...	1013.4	+12	WNW	3	0	49	85	5	5	-	-	10	10	1500	0	*
	Upper Heyford	1014.1	+10	WSW	1	m/f	49	97	4	5	-	-	10	10	450	1	*
4	Ross-on-Wye	1013.9	+12	SW'S	2	2₀	49	92	5	5	-	-	10	10	2500	1	*
5	Portland Bill ...	1014.6	+10	W	3	c	50	92	7	4	-	-	10	10	2500	1	3
	Plymouth ...	1015.4	+12	E'N	1	2₀	45	97	6	5	-	-	9+	9+	2500	0	6
	The Lizard ...	1015.4	+12	SW'S	2	2₀	51	97	6	4	-	-	9	9	1500	1	2
	Scilly (St. Mary's)	1015.6	+18	NW	3	jp	50	92	7	8	6	-	7.8	9+	1500	0	2
	Guernsey ..	1015.8	+16	WNW	2	bc	51	85	7	5	-	-	4.6	4.6	2500	1	1
6	Pembroke ...	1013.1	+8	SW'W	2	2₀	51	92	6	5	-	-	9+	9+	4000	0	1
7	Holyhead ...	1012.7	+10	NW'W	2	c	49	97	7	5	-	-	10	10	450	0	1
	Chester (Sealand)	1012.8	+6	SW	1	2₀	51	75	6	5	-	-	4.6	4.6	2500	1	*
8	Manchester ...	1013.0	+10	W	1	ir₀	50	97	5	5	-	-	10	10	2500	1	*
10	Spurn Head ...	1010.8	0	WNW	4	f	50	92	3	5	2	-	7.8	9+	220	0	3
	Catterick ...	1011.6	+8	WNW	1	2₀	53	85	6	1	-	-	2.3	2.3	5700	1	*
	Tynemouth ...	1010.8	+10	W	2	c	53	85	6	5	-	-	7.8	7.8	1500	1	1
11	Inchkeith ...	1011.5	+4	SW	3	m	47	97	4	5	-	-	9	9	800	1	2
	Leuchars ...	1011.3	+10	-	0	c/r	47	97	5	5	-	-	9+	9+	1500	1	*
12	Renfrew (Abbotsinch)	1011.6	+2	W'N	1	2₀	49	92	6	5	7	-	4.6	9+	2500	0	*
	Eskdalemuir ...	1011.7	+6	SW'S	2	0	48	92	6	5	-	-	10	10	800	1	*
	Point of Ayre...	1012.4	+12	N'E	2	f1	48	97	3	5	2	-	4.6	10	450	1	1
13A	Tiree	1011.5	+6	SW	1	bc	46	85	8	8	4	8	1	4.6	2500	0	1
13B	Stornoway ...	1010.5	+4	SSW	3	c	46	85	8	5	5	-	4.6	7.8	2500	1	2
15	Dalwhinnie ...	*	+10	E	1	c	44	92	6	5	-	-	9	9	1500	1	*
	Aberdeen ...	1011.3	+16	WSW	1	ir₀	47	92	6	2	2	-	4.6	10	2500	1	1
	Wick ...	1010.9	+6	NW	1	bc	45	97	6	4	6	-	2.3	4.6	800	0	1
16	Lerwick ...	1011.0	+8	SSW	2	c	45	92	6	5	7	1	4.6	7.8	800	1	*
17	Blacksod Point	1012.4	0	SW	4	bc	48	75	8	9	4	-	4.6	4.6	1500	0	3
18	Malin Head ...	1011.6	+6	W	2	bc	48	97	8	7	-	-	2.3	2.3	2500	0	1
	Aldergrove ...	1013.3	+10	-	0	c	46	85	9	5	7	2	Tr	9	800	1	*
19	Birr Castle ...	1014.1	+8	NW	1	bc	43	97	8	5	-	-	2.3	2.3	2500	1	*
20	Valentia Obsy. †	1015.3	+8	NE'E	1	bc	44	85	8	8	-	-	4.6	4.6	2500	1	1
	Roches Point	1016.1	+14	NNW	3	b	47	85	8	-	4	-	0	Tr	-	0	2

PAST 24 HOURS.

District	Stations	Temperature Max. Day 7h–18h °F. (31)	Temperature Min. Night 18h–7h °F (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine Hrs. (36)
1	London (Kew)	69	48	39	-	-	8.2
	Croydon ...	69	48	46	Tr	Tr	6.8
	S. Farnborough	73	46	35	-	-	10.3
	Boscombe Down	67	45	40	0.1	-	9.6
	Calshot (Sthmtn.)	62	47	46	-	-	11.4
	Lympne ...	68	45	39	-	0.1	13.2
	Manston ...	68	46	41	-	-	13.0
2	Shoeburyness ...	65	47	38	-	-	12.7
	Felixstowe ...	59	44	36	-	-	12.8
	Gorleston ...	54	47	44	-	-	13.8
	Mildenhall ...	73	48	43	-	Tr	9.1
	Cranwell ...	67	45	38	-	2	6.1
3	Birmingham ...	65	47	37	-	Tr	5.4
	Upper Heyford	67	42	35	2	-	*
4	Ross-on-Wye	65	46	43	13	0.3	(8.7)
5	Portland Bill ...	58	47	*	1	-	*
	Plymouth ...	57	45	41	Tr	-	1.8
	The Lizard ...	58	46	*	-	-	*
	Scilly (St. Mary's)	56	47	*	-	-	3.5
	Guernsey ..	58	48	44	0.1	0.2	4.1
6	Pembroke ...	57	48	*	-	-	5.5
7	Holyhead ...	56	47 (43)	(45)	-	-	9.4
	Chester (Sealand)	66	51	50	3	0.3	9.9
8	Manchester ...	65	48	43	-	3	9.1
10	Spurn Head ...	53	46	*	-	Tr	8.6
	Catterick ...	61	46	39	Tr	0.2	6.6
	Tynemouth ...	48	45	43	Tr	Tr	5.7
11	Inchkeith ...	56	42	40	-	1	7.8
	Leuchars ...	55	39	31	Tr	5	7.4
12	Renfrew (Abbotsinch)	67	43	38	-	-	8.3
	Eskdalemuir ...	66	45	37	-	0.1	10.8
	Point of Ayre...	62	42	*	-	-	12.3
13A	Tiree	57	45	41	-	0.5	9.3
13B	Stornoway ...	57	43	*	-	0.2	11.9
15	Dalwhinnie ...	60	36	32	1	Tr	7.8
	Aberdeen ...	50	38	33	-	0.4	3.4
	Wick ...	55	42	*	-	-	*
16	Lerwick ...	47	43	*	-	0.3	2.8
17	Blacksod Point	54	41	*	4	-	*
18	Malin Head ...	61	46	*	-	-	6.8
	Aldergrove ...	66	45	44	-	1	6.1
19	Birr Castle ...	59	42	32	-	1	5.8
20	Valentia Obsy. †	55	39	33	4	0.1	2.9
	Roches Point	55	45	*	-	0.2	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon (24 hrs. ended 9h.)	Weather Night (24 hrs. ended 9h.)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity 15h. G.M.T % (Yesterday.)	Humidity 9h. G.M.T % (To-day.)	Visibility 9h. (To-day.)
KEW	18	cmbzbc	cbc by	bbc cmw	69	48	39	-	-	8.2	*	*	6
CROYDON	217	cmcbz	cpr bcz	bm wfm	69	48	46	Tr	Tr	6.8	*	*	4
GREENWICH (Royal Observatory)...	149	bcb	bc HR bc	cbc m	71	48	40	7	-	7.0	76	91	5
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	6.1	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	71	48	43	-		5.6	82	94	*
REGENTS PK. (Botanic Gardens)‡...	168	*	*	*	72	47	44	1	-	7.3	70	93	*
CAMDEN SQUARE	110	b	bc cpt bc	*	73	48	45	2	-	*	*	87	*
KENSINGTON	80	bcp	co	*	69	48	44	0.5	Tr	6.6	At 18h. 61	93	*
HAMPSTEAD OBSERVATORY	450									8.1	*		*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 4th

SOUTH KENSINGTON. Max.	Time.	Min.	Time.
0.5	9-11h 3rd	<0.3	1-4h 4th

KEW OBSERVATORY. Max.	Time.	Min.	Time.
0.6	10h 3rd	<0.1	18h 3rd

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 3rd May Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 4th May 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	1010.1	NNE	2	c	68	1015.0	WNW	2	2₀	54	73	50	-	*
BRUSSELS	1003.4	E	3	c	66	1012.7	SW	1	bc	57	75	50	-	-
BERLIN	1014.4	E	2	bc	72	1005.6	E	3	bc	63	77	55	-	-
ZÜRICH	1012.0	NW	1	c	54	1015.0	SSE	1	r₀f₀	50	*	*	0.1	0.2
ROME	1015.4	WNW	2	c	59						*	*	*	

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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. 5th May, 1937.

No. 27558.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base (feet) (14)	Sunshine Yesterday Hrs. (38)
1	London (Kew)	1014·7	0	WSW	2	z	60	65	6	1	-	-	4-6	4-6	2500	8.2
	Croydon ...	1015·0	+2	WSW	2	z	60	65	6	1	-	-	7-8	7-8	4000	6.8
	S. Farnborough	1015.0	+2	W	3	c	63	55	7	1	-	1	7-8	7-8	4000	10.3
	Boscombe Down	1015·2	0	WNW	4	c	60	55	7	2	-	2	4-6	7-8	4000	5.6
	Calshot (Sthmtn.)	1016·2	+6	SSW	4	bc	60	65	7	8	-	1	2-3	2-3	2500	11.4
	Lympne ...	1015·2	0	WSW	3	z	63	65	6	5	6	-	9	9+	1500	13.2
	Manston ...	1014·4	+8	W	3	z	57	75	5	5	-	-	9+	9+	1500	13.0
2	Shoeburyness ...	1014·6	+2	SW	3	m	62	75	4	5	7	-	4-6	7-8	1500	12.7
	Felixstowe ...	1013·6	+6	W'S	3	z	63	65	6	8	3	-	4-6	9+	4000	12.9
	Gorleston ...	1012·4	+4	W	3	c	64	65	6	2	-	-	7-8	7-8	2500	13.8
	Mildenhall ...	1013·3	+2	W	4	z	62	65	6	8	-	-	7-8	7-8	2500	5.1
	Cranwell ...	1013·2	+2	WSW	3	z	60	65	6	8	-	-	4-6	4-6	4000	6.1
3	Birmingham ...	1014.1	+2	W	3	c	59	55	8	7	-	6	4-6	9	4000	5.4
	Upper Heyford	1015·2	+2	W	2	z	56	75	6	7	3	-	7-8	7-8	1500	*
4	Ross-on-Wye	1014.5	+0	SW	3	c	59	55	7	7	-	-	9+	9+	4000	(9.7)
5	Portland Bill ...	1016·2	+6	WSW	4	b	53	92	7	-	-	-	0	0	-	*
	Plymouth ...	1017·1	+10	SW	2	c/pr	53	92	6	8	3	-	7-8	9+	1500	1.8
	The Lizard ...	1018·1	+16	WNW	4	bc	53	85	8	8	6	-	4-6	4-6	2500	*
	Scilly (St. Mary's)	1019·6	+16	NNW	4	bc	56	65	8	1	-	-	2-3	2-3	2500	3.5
	Guernsey ...	1017·6	+6	W	2	bc	60	65	6	1	3	-	2-3	4-6	2500	4.1
6	Pembroke ...	1016·0	+6	NW	3	bc	50	85	7	5	7	-	2-3	4-6	2500	5.5
7	Holyhead ...	1015·1	+14	WNW	3	c	50	85	8	8	7	-	4-6	10	1500	9.4
	Chester (Sealand)	1014·1	+12	WNW	4	z	52	85	6	5	7	-	4-6	9+	2500	9.9
8	Manchester ...	1013·4	+2	W	4	z	58	75	6	2	-	8	4-6	9	2500	9.1
10	Spurn Head ...	1012·4	+4	NW	3	z	58	75	5	5	8	7	4-6	10	2500	8.6
	Catterick ...	1011·5	-6	NW	1	c	62	55	7	8	-	-	9	9	4000	6.6
	Tynemouth ...	1011·3	0	NNE	2	bc	53	85	6	7	-	-	4-6	4-6	2500	5.7
11	Inchkeith ...	1011·2	-2	SW	3	c	52	75	7	5	-	-	10	10	1500	7.8
	Leuchars ...	1010·9	-2	W	3	c	57	65	6	9	2	-	7-8	9+	1500	7.4
12	Bentrew (Abbots I.)	1011·5	-8	W	3	c	55	55	9	7	3	-	4-6	7-8	4000	8.3
	Eskdalemuir ...	1011·7	0	SW	2	c	54	75	7	8	-	1	9	9	2500	10.8
	Point of Ayre...	1013·6	+10	WNW	2	c	51	85	8	1	7	-	Tr	10	4000	12.3
13a	Tiree ...	1011·2	0	SW	4	bc	54	65	8	8	4	1	2-3	4-6	2500	5.3
13z	Stornoway ...	1010·0	-6	SSW	5	c	55	55	8	7	4	6	4-6	7-8	4000	11.9
15	Dalwhinnie ...	1011·2	0	-	0	c	48	85	8	5	7	-	2-3	7-8	2500	7.8
	Aberdeen ...	1010·7	-4	NNE	1	z	57	75	6	8	3	1	7-8	9	2500	3.4
	Wick ...	1011·2	-2	NW	1	c	47	85	7	5	2	-	7-8	10	800	*
16	Lerwick ...	1010·9	-2	SSW	1	f	47	92	2	-	-	-	10	10	<150	2.8
17	Blacksod Point	1012·0	-4	SSW	5	c	53	75	6	9	-	-	7-8	7-8	1500	*
18	Malin Head ...	1012·3	-2	W	2	c	53	85	8	8	-	-	9	9	2500	6.8
	Aldergrove ...	1013·5	0	SW	3	bc	55	45	9	1	-	1	2-3	2-3	4000	6.1
19	Birr Castle ...	1014·7	+4	NW	1	bc/pr	51	85	8	8	-	-	4-6	4-6	2500	5.8
20	Valentia Obsy. †	1016·7	+2	SW	5	bc	56	75	9	8	-	-	4-6	4-6	2500	2.9
	Roches Point	1016·9	+2	W	4	bc/pr	55	75	9	3	-	3	4-6	4-6	1500	*

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. °F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Cloud. Form. Med. (24)	Cloud. Form. High (25)	Cloud. Amount. Low 0–10 (26)	Cloud. Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)
1	London (Kew)	1015·3	+4	WSW	2	c	61	45	7	1	7	2	2-3	9+	4000	0	*
	Croydon ...	1015·1	+4	WS	3	bc	60	55	8	4	-	-	2-3	2-3	5700	0	*
	S. Farnborough	1015·5	+6	W'N	3	b	61	55	7	2	6	-	Tr	1	4000	0	*
	Boscombe Down	1016·4	+10	W'N	5	bc/p	54	85	7	5	3	-	7-8	9	2500	0	*
	Calshot (Sthmtn.)	1016·5	+6	W'S	4	z	56	85	6	8	6	-	7-8	9	4000	1	3
	Lympne ...	1015·8	+4	SW	3	bc	57	75	6	-	-	2	0	4-6	-	0	3
	Manston ...	1014·8	+6	W	3	pr	60	65	5	5	7	-	7-8	9+	2500	1	*
2	Shoeburyness ...	1014·7	+2	WNW	2	c	61	65	6	-	-	7	0	10	-	1	*
	Felixstowe ...	1014·5	+6	W	3	z	61	65	6	-	-	8	0	2-3	-	+	1
	Gorleston ...	1013·2	+8	W'S	2	z	59	85	5	8	-	-	7-8	7-8	5700	0	2
	Mildenhall ...	1014·0	+6	WS	4	z	61	65	6	-	-	6	0	7-8	-	0	*
	Cranwell ...	1013·6	+4	W'N	3	c	59	65	6	8	-	-	7-8	7-8	2500	0	*
3	Birmingham ...	1015·3	+10	NW	2	bc	54	75	6	8	6	-	4-6	4-6	2500	0	*
	Upper Heyford	1015·5	+6	W	3	c	57	65	7	8	-	8	7-8	7-8	2500	1	*
4	Ross-on-Wye	1016·1	+6	W	3	c	54	75	8	8	-	-	7-8	7-8	2500	1	*
5	Portland Bill ...	1016·9	+6	NW	4	bc	52	92	6	4	4	-	2-3	4-6	2500	0	3
	Plymouth ...	1019·0	+12	WNW	4	bc	54	55	9	-	3	2	0	4-6	-	0	1
	The Lizard ...	1020·4	+16	W'S	4	bc	53	75	8	7	-	-	2-3	2-3	2500	1	2
	Scilly (St. Mary's)	1020·8	+4	W'N	5	bc	54	75	8	2	4	-	2-3	4-6	2500	0	2
	Guernsey ...	1018·8	+10	NW	2	c	53	85	7	8	-	-	9+	9+	2500	0	1
6	Pembroke ...	1016·5	+2	W	5	q	51	75	8	5	7	-	2-3	4-6	4000	1	3
7	Holyhead ...	1015·3	+2	SSW	4	bc	51	75	8	8	8	-	2-3	2-3	2500	0	2
	Chester (Sealand)	1015·4	+6	W'N	3	c/pr	51	75	7	5	-	-	9	9	2500	1	*
8	Manchester ...	1015·2	+10	W	4	bc	52	75	8	5	7	-	2-3	4-6	2500	1	*
10	Spurn Head ...	1013·9	+2	NW	2	m	55	85	4	5	-	6	4-6	10	4150	0	1
	Catterick ...	1012·7	+10	W'N	4	c	57	55	8	4	9	6	2-3	7-8	4000	0	
	Tynemouth ...	1011·5	+2	W	3	c/pr	55	65	7	8	-	-	7-8	7-8	1500	1	1
11	Inchkeith ...	1011·3	-2	SW	3	bc	53	65	8	5	-	-	4-6	4-6	2500	0	2
	Leuchars ...	1010·5	-2	W	3	bc	57	45	8	7	7	-	4-6	4-6	4000	1	*
12	Bentrew (Abbots I.)	1011·5	-2	SW	3	bc	55	45	9	1	3	-	2-3	2-3	5700	0	*
	Eskdalemuir ...	1012·0	0	SW	3	c	58	55	8	8	3	-	1	9	2500	1	*
	Point of Ayre...	1011·1	+2	-	0	c	46	92	8	8	2	-	7-8	10	800	1	
13a	Tiree ...	1008·1	-26	SSE	4	c	51	75	9	5	5	-	9	9+	2500	0	3
13z	Stornoway ...	1008·5	-6	S	4	bc	48	75	9	2	5	-	2-3	4-6	2500	1	2
15	Dalwhinnie ...	1010·4	0	SW	2	b	46	75	8	-	4	-	0	Tr	-	0	*
	Aberdeen ...	1010·9	-4	NE	1	m	48	92	6	9	3	-	9	9+	800	1	1
	Wick ...	1010·2	-6	NE	2	c	46	97	8	5	9	1	7-8	9	2500	1	*
16	Lerwick ...	1011·1	+2	-	0	c	46	92	8	8	2	-	7-8	10	800	1	
17	Blacksod Point	1012·2	+12	W	5	c	48	75	8	9	-	-	7-8	7-8	1500	1	4
18	Malin Head ...	1008·7	-34	WSW	4	jp	55	85	7	8	-	-	9	9	2500	0	2
	Aldergrove ...	1011·9	-14	SSW	4	bc	56	55	9	8	3	-	2-3	4-6	2500	1	*
19	Birr Castle ...	1014·2	-4	SW	2	pr	54	75	8	8	-	-	4-6	4-6	2500	1	*
20	Valentia Obsy. †	1016·8	+2	SW	5	c/p	53	85	8	9	-	-	9+	9+	1500	1	3
	Roches Point	1017·4	+4	W	3	bc/pr	55	85	8	3	4	-	4-6	4-6	1500	0	2

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 4th (37)	Weather. 13h.—18h. 4th (38)	Weather. 18h. 4th to 1h. 5th (39)	Weather. 1h.—7h. 5th (40)
1	London (Kew)	cmwcz	bczc	cybcw	bccpr
	Croydon ...	omcmz	bczbcy	bcbzc	bwbcpr
	S. Farnborough	omcz	cbcy	bbcbx	bcwcpr
	Boscombe Down	bcy	bczc	cbc	bcbbc
	Calshot (Sthmtn.)	cmbc	bcywm	cmbcbw	bwb
	Lympne ...	fczc	cbczc	bczbmw	bcwmb
	Manston ...	fcbcc	czc	cprbcm	bcmbcb
2	Shoeburyness ...	cm	cmczc	czb	bwbcm
	Felixstowe ...	bzczc	cprbczc	bc	bbc
	Gorleston ...	bcz	cz	cbczc	bcc
	Mildenhall ...	bczcz	bcbbcz	bcz	bczb,cir
	Cranwell ...	cfcmc	bczcbybc	cbbc	bcprbc
3	Birmingham ...	cbcc	bccpr	bc	bcpr
	Upper Heyford	cmm	czbcyc	cbcm	bcmpr
4	Ross-on-Wye	cmbcc	cybcyc	bcbbc	crb
5	Portland Bill ...	cbc	bbc	b	bbc
	Plymouth ...	cbcmpr	cprmcbc	bcb	bwcprb
	The Lizard ...	cmprc	bc	bcw	bc
	Scilly (St. Mary's)	cbc	bc	bcbbc	bccp
	Guernsey ...	bccbc	bcc	cbcbw	bwbc
6	Pembroke ...	cmqrbc	bbcq	bccprqc	bq
7	Holyhead ...	prc	cbc	cirr	b
	Chester (Sealand)	bccz	prprm	cbcb	bcRprbz
8	Manchester ...	circzc	czcbc	bc	cPRbc
10	Spurn Head ...	fcz	czm	zcbc	cprq
	Catterick ...	mprbcy	bcycy	bcybc	bcpr
	Tynemouth ...	cbc	cbccp	bc	cbcq
11	Inchkeith ...	zzc	c	cir	irc
	Leuchars ...	cm	cmbcy	bcyc	crcbc
12	Bentrew (Abbots I.)	cmrc	bcyv	bccr	cbcpr
	Eskdalemuir ...	mbc		bcbbc	cirpr
	Point of Ayre...	fcrar	cbc	bcrrc	bcc
13a	Tiree ...	bc	bcd	cirbc	PR
13z	Stornoway ...	cy	cbc	bcddc	cpr
15	Dalwhinnie ...	cid	b	*	cir
	Aberdeen ...	crrc	rcgir	rcbc	prc
	Wick ...	bcc	crrc	cbc	bcc
16	Lerwick ...	cprffe	cferr	c	Ffe
17	Blacksod Point	bcq	irq	prcq	prc
18	Malin Head ...	c	c	cpr	cpr
	Aldergrove ...	cbcy	bccbcy	bccPRqc	bccprbc
19	Birr Castle ...	bcpr	bcpr	bcpr	prbx
20	Valentia Obsy. †	prcbc	cprc	prprbcb	b
	Roches Point	prbcv	cprbc	cprbc	bcb

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.*

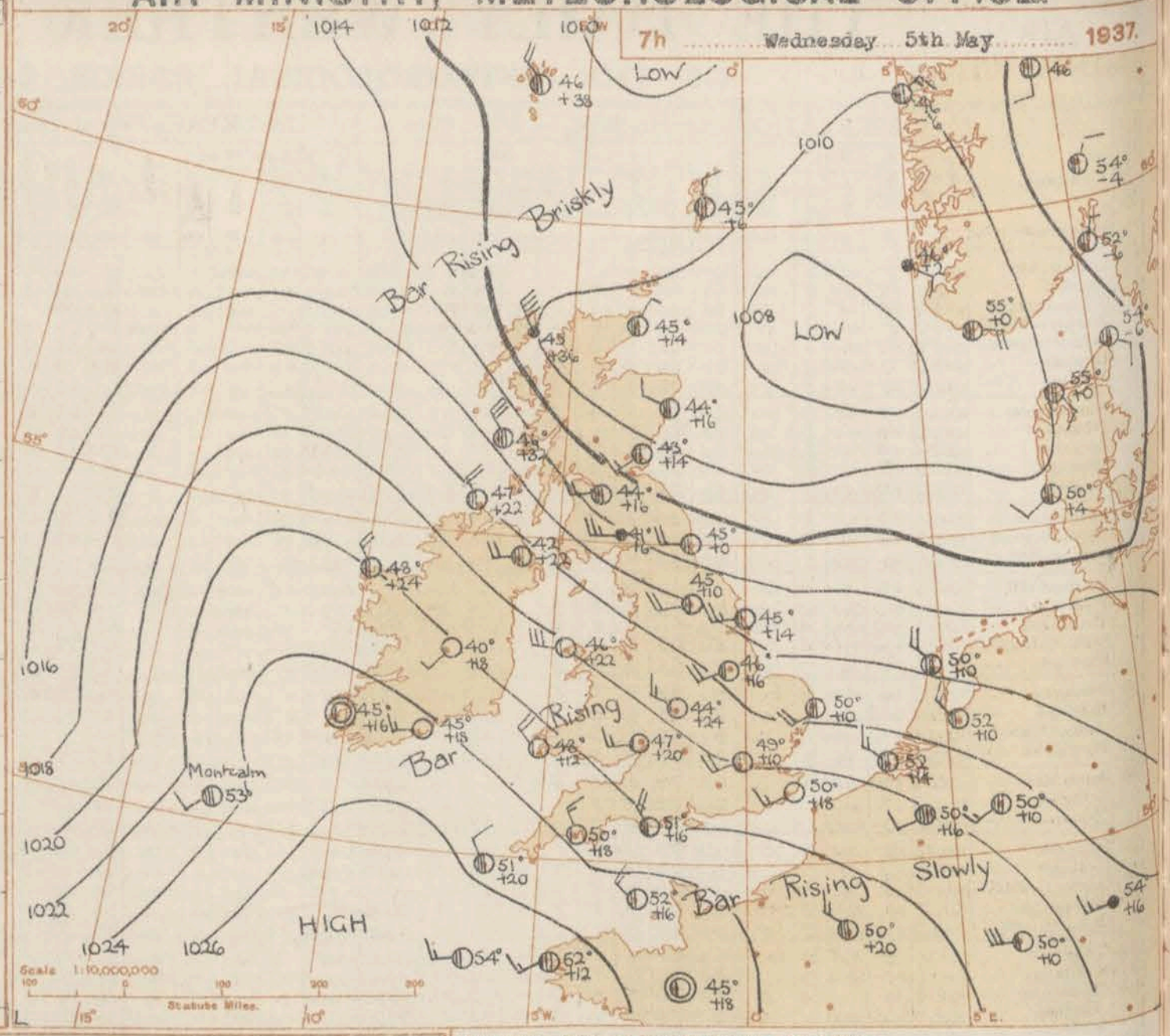
† See disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 4th May 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	Sunshine (Hrs) Sunrise to Sunset. 3rd
1	Tunbridge W.	oco	bob	47	65	-	-	4.9	10.7
	Bournemouth	cbcb	b	47	63	-	-	6.6	10.5
	Ventnor ...	cbob	bz	48	56	-	-	7.6	9.0
	Southsea ...	ocbc	b	49	62	-	-	6.6	12.3
	Bognor Regis	bccbc	bcbb	50	53	-	-	6.7	10.6
	Littlehampton	cbc	bcb	50	59	-	-	6.2	11.4
	Worthing ...	cbc	b	50	60	-	-	6.5	12.1
	Brighton ...	bc	b	49	57	-	-	5.7	12.0
	Eastbourne† ...	ocbc	bcb	48	58	-	-	6.6	13.0
	Hastings† ...	cbcc	cbcbb	47	58	-	-	4.8	...
	Folkestone ...	com₀o	ocbcb	46	59	-	-	1.6	13.1
	Dover ...	moc	cbcm	47	58	-	-	0.7	12.3
	Deal	cco	ococ	47	64	-	-	2.3	12.1
	Ramsgate ...	bcm₀	bcm₀	48	63	-	-	3.4	13.0
	Margate ...	bc	bcm	48	61	-	-	4.4	13.0
2	Southend ...	cm	cbcb	49	64	-	-	4.0	13.4
	Maldon ...	bcb	b	44	63	-	-	7.8	12.1
	Clacton-on-Sea	bcm	bcobcm	49	64	-	-	6.8	12.8
	Dovercourt ...	bz	bzo	•	65	-	-	8.5	13.8
	Lowestoft ...	b	bbcpr	46	70	-	Trace	8.1	...
	Skegness ...	bcz	b	47	65	-	-	7.6	8.9
	Mablethorpe...	bcz₀	bccz₀	44	65	-	-	6.2	9.3
	Cleethorpes ...	bc	cbc	47	66	Trace	-	4.4	9.2
3	Leamington S.	cbc	bc	45	63	5	-	3.8	3.4
4	Cheltenham†	ocbc	bcc	48	63	0.3	-	3.9	9.1
5	Bath	bbc	bbcc	48	65	Trace	-	9.0	6.1
	Weymouth ...	mb	bcb	47	59	-	-	7.6	8.7
	Jersey ...	bc	bcc	48	58	-	-	6.7	3.0
	Torquay ...	bcc	cbyv	45	60	-	-	5.4	6.0
	Penzance ...	mccbc	bcbb	46	58	Trace	-	5.2	4.0
	St. Ives ...	pr	b	45	54	Trace	Trace	6.9	1.8
	Bude... ...	c	cbc	43	55	-	-	2.4	4.0
	Ilfracombe ...	cbcc	pcbcb	48	57	-	Trace	4.9	5.7
6	Aberystwyth	z₀	cprbc	47	54	-	0.5	0.6	8.1
7	Llandudno ...	c	cpby	47	54	4	Trace	3.1	10.5
	Colwyn Bay...	cco	ocbcb	46	55	2	-	2.3	8.6
	Rhyl	bcz₀	c	47	57	9	-	3.0	8.4
8	Wallasey ...	bcc	c	50	56	6	-	3.0	10.1
	Southport ...	ococ	cbc	50	55	0.3	-	0.4	10.3
	Blackpool ...	om₀	opc	50	57	0.5	Trace	0.9	10.5
	Morecambe ...	ccbcc	cbbcc	50	54	0.3	-	0.6	11.1
9	Ilkley... ...	c	c	42	62	4	-	4.7	4.9
	Harrogate ...	cb	bcb	41	61	-	-	8.5	6.2
10	Berwick-on-T.	om₀c	obrc	44	54	4	7	3.2	10.2
11	Dunbar ...	om₀	bc	44	59	4	0.3	3.0	7.6
12	Troon... ...	ccbcc	bcbcb	47	59	-	-	4.0	10.3
	Douglas ...	cbp	bc	45	56	-	Trace	3.9	10.2

† 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. 5th May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Northwesterly to westerly winds, light to moderate; mainly fine, local thundery showers; average day temperature.
5 S.W. England 6 South Wales ... 7 North Wales ...	Light variable winds, becoming southwesterly; fine at first, cloudy with local drizzle later; average temperature.
8 N.W. England 9 N. Midlands ...	As 1 - 4.
10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Northwesterly winds, backing, strong at times at first; mainly bright today, cloudy with local drizzle tomorrow; average day temperature; slight ground frost locally at night.
17 N. W. Ireland	Moderate to fresh southwest to west winds; cloudy periods, occasional rain; average temperature.
18 N. E. Ireland	As 10 - 16.
19 S. E. Ireland	
20 S. W. Ireland	As 17.

GENERAL INFERENCE.

A ridge of high pressure off Western Ireland will move eastwards across the British Isles. Weather today, apart from a few local thundery showers, will be mainly fine generally. In the North and West conditions will be less settled tomorrow.

FURTHER OUTLOOK.

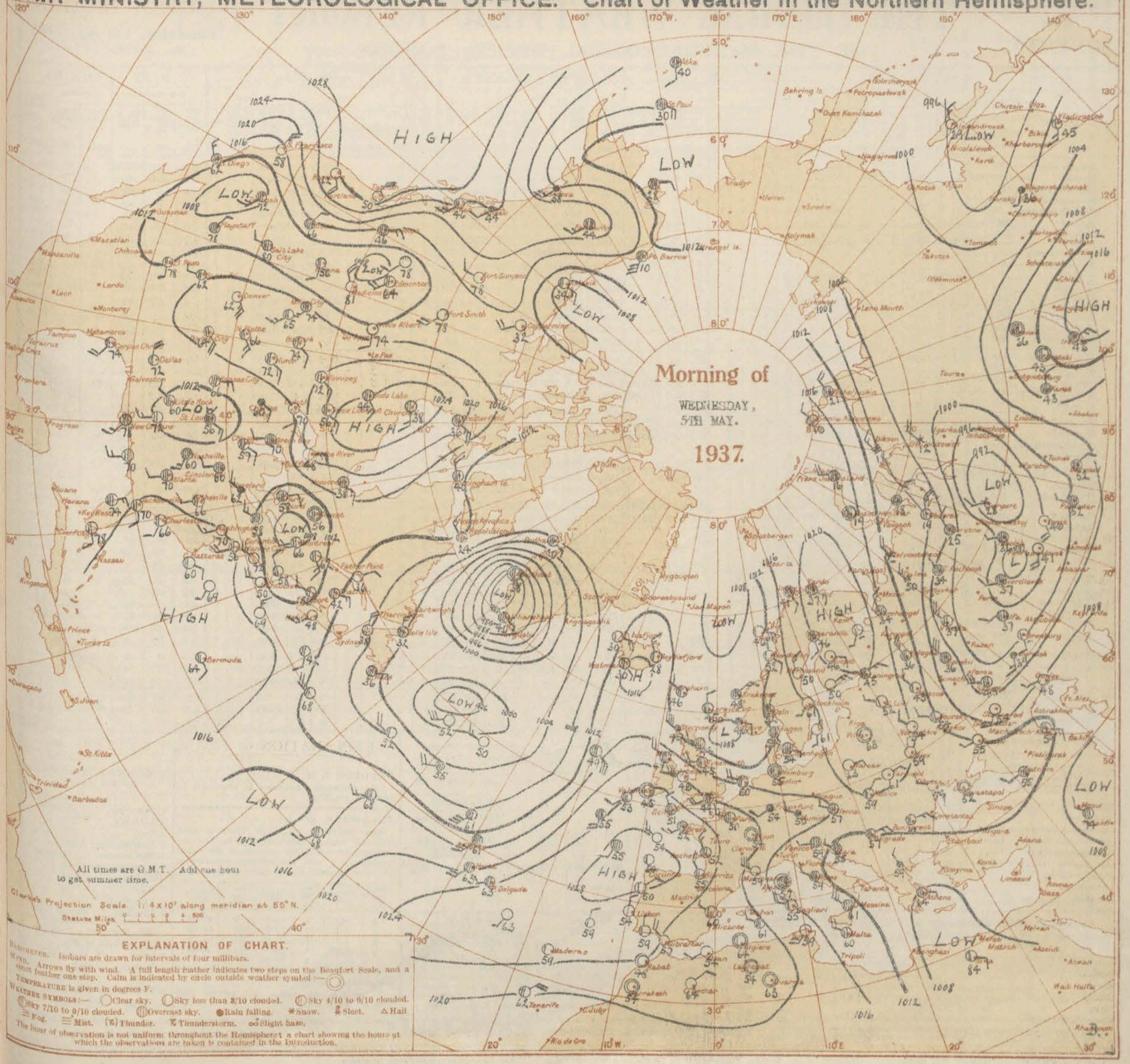
Mainly fair in the Southeast; unsettled in the West and North.

Forecasts issued at 0940 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.



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 5th May, 1937.
No. 27558.

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

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	1018·8	+10	NNW	4	bc	50	75	7	-	3	-	0	4-6	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1018·4	+6	WNW	3	z	48	92	6	-	7	-	0	2-3	-
	Manston ...	142	1017·4	+6	W'S	3	z	50	85	5	-	-	-	0	0	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...		1015·5	+10	W'S	2	bc	50	92	6	-	2	-	0	4-6	-
	Mildenhall ...	12	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Hayford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1020·4	+4	WNW	4	b	50	85	8	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1022·6	+4	WSW	4	bc	50	92	8	8	-	-	4-6	4-6	2500
	Scilly (St. Mary's)	163	1022·7	+4	W	5	bc	51	92	8	2	-	-	2-3	2-3	2500
	Guernsey ..	175	1022·6	+4	NNW	3	b	49	92	8	-	-	-	0	0	-
6	Pembroke ...	142	1018·0	+2	NW	5	q	50	92	7	8	2	-	7-8	10	2500
7	Holyhead ...	26	1016·5	+14	WNW	6	bc	47	75	8	1	-	-	2-3	2-3	2500
	Chester (Sealand)	13	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1014·6	+6	W'S	4	bc	48	85	6	-	7	-	0	4-6	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1012·2	-10	W	2	bc	45	75	7	2	-	-	4-6	4-6	1500
11	Inchkeith ...	190	1010·7	-6	SW	6	r	45	92	8	5	-	-	10	10	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1015·4	+8	WNW	5	c	45	85	8	4	-	-	7-8	7-8	4000
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13a	Stornoway ...	80	1007·1	+6	SSW	4	c	44	85	7	5	7	-	4-6	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1008·4	-12	SE	3	bc	45	92	8	5	7	-	2-3	2-3	1500
16	Lerwick ...	156	1010·1	-10	-	0	c	44	97	7	8	-	-	7-8	7-8	800
17	Blacksod Point	18	1018·1	+16	W	5	bc	45	75	8	9	-	-	4-6	4-6	1500
18	Malin Head ...	84	1012·2	+12	WSW	5	c/pr	44	97	7	8	-	-	7-8	7-8	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1022·1	+14	WNW	4	bc	48	85	8	4	-	-	4-6	4-6	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 * (30)
London (Kew)	1020·4	+10	WSW	3	pr.	50	85	8	5	-	-	9+	9+	1500	1	*
Croydon ...	1020·3	+10	WSW	4	c/pr	49	85	7	5	-	-	9+	9+	2500	1	*
S. Farnborough	1020·4	+10	W'S	4	bc	49	85	8	8	6	9	4-6	4-6	1500	0	*
Boscombe Down	1021·1	+12	WNW	4	c	49	85	8	9	3	-	4-6	7-8	800	0	*
Calshot (Sthmtn.)	1021·4	+10	W'S	4	bc	51	85	7	7	3	-	1	2-3	2500	1	2
Lympne ...	1021·0	+18	SWW	3	b	50	75	7	1	7	-	Tr	1	2500	0	2
Manston ...	1019·9	+16	WN	4	b	50	75	7	2	-	-	1	1	2500	1	*
Shoeburyness ...	1019·4	+14	WSW	3	bc	51	85	6	8	8	-	2-3	2-3	2500	1	*
Felixstowe ...	1018·9	+10	WSW	4	bc	50	75	7	5	4	-	2-3	2-3	2500	1	1
Gorleston ...	1017·4	+10	SWW	4	c	50	75	7	5	-	-	9+	9+	2500	0	2
Mildenhall ...	1019·0	+16	WNW	4	c/r	45	85	8	5	-	-	10	10	1500	1	*
Cranwell ...	1017·7	+16	WSW	4	bc	46	75	7	8	-	-	2-3	2-3	2500	1	*
Birmingham ...	1020·0	+24	WNW	3	b	44	75	8	7	-	-	Tr	Tr	4000	1	*
Upper Hayford	1020·7	+20	WNW	4	bc	46	65	9	1	-	-	2-3	2-3	1500	1	*
Ross-on-Wye	1021·1	+20	W	3	b	47	65	8	1	-	-	Tr	Tr	4000	1	*
Portland Bill ...	1022·0	+16	NW	4	bc	51	85	8	4	4	-	2-3	4-6	2500	0	3
Plymouth ...	1023·8	+18	NNW	3	b	50	75	8	5	3	-	Tr	1	2500	0	1
The Lizard ...	1024·4	+14	NW	3	bc	51	85	8	4	6	-	4-6	4-6	2500	1	2
Scilly (St. Mary's)	1025·5	+20	NNW	2	c	51	92	8	8	-	-	7-8	7-8	2500	1	2
Guernsey ..	1025·1	+16	WNW	3	bc	52	85	7	8	-	-	4-6	4-6	2500	0	2
Pembroke ...	1022·2	+12	WNW	4	q	48	65	8	7	-	-	Tr	Tr	5700	1	2
Holyhead ...	1020·0	+22	WN	6	b	46	75	8	1	-	-	Tr	Tr	2500	1	3
Chester (Sealand)	1019·2	+20	W'S	4	b	46	65	8	8	-	-	1	1	1500	1	*
Manchester ...	1018·0	+14	W	5	bc	46	75	7	8	-	-	2-3	2-3	2500	1	*
Spurn Head ...	1016·4	+14	W	5	q	45	85	6	-	2	8	0	4-6	-	1	4
Catterick ...	1015·2	+10	W	4	bc	45	75	8	2	-	-	4-6	4-6	2500	1	*
Tynemouth ...	1013·0	0	W	4	bc	45	75	7	2	-	-	4-6	4-6	2500	0	1
Inchkeith ...	1011·3	+6	SW	5	c	43	92	8	8	-	-	9+	9+	2500	0	3
Leuchars ...	1010·8	+14	SW	3	bc	43	85	8	7	-	-	2-3	2-3	2500	1	*
Renfrew (Abbots L.)	1012·8	+16	W'S	3	c	44	85	9	8	-	-	7-8	7-8	1500	1	*
Eskdalemuir ...	1012·9	+6	W	5	pr.	41	85	8	8	-	-	10	10	1500	1	*
Point of Ayre...	1017·3	+14	WNW	6	c	45	85	8	8	6	-	4-6	7-8	2500	1	4
Tiree	1015·6	+32	NW'N	6	c	46	65	7	3	6	-	7-8	9	1500	1	4
Stornoway ...	1009·6	+36	NW	8	pr.	45	92	6	8	7	-	7-8	9+	1500	1	5
Dalwhinnie ...	1010·8	+4	W	2	c	39	85	7	4	2	-	4-6	7-8	2500	1	*
Aberdeen ...	1009·6	+16	WNW	2	c	44	85	8	5	-	-	9+	9+	2500	1	1
Wick ...	1009·1	+14	NNE	1	c	45	97	7	5	2	-	7-8	10	1500	1	1
Lerwick ...	1011·4	+6	N	2	c	45	92	7	8	7	-	4-6	7-8	800	0	*
Blacksod Point	1022·1	+24	NW	4	bc	48	65	8	3	-	-	4-6	4-6	1500	1	3
Malin Head ...	1018·3	+22	NW	4	c	47	92	7	2	-	-	7-8	7-8	2500	0	3
Aldergrove ...	1018·4	+22	W	4	c	42	85	8	8	-	-	7-8	7-8	2500	1	*
Birr Castle ...	1021·9	+18	SSW	1	b	40	92	8	-	-	-	0	0	-	1	*
Valentia Obsy. †	1025·0	+16	-	0	b	45	85	8	5	-	1	Tr	1	2500	1	2
Roches Point	1025·1	+18	W	3	b	45	75	8	-	-	-	0	0	-	1	2

PAST 24 HOURS.

Stations	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Night 18h–7h mm. (35)	Sunshine 24h. Hrs. (36)
London (Kew)	63	44	35	-	Tr	5·4
Croydon ...	64	44	41	-	Tr	5·1
S. Farnborough	65	41	30	-	Tr	5·8
Boscombe Down	61	41	35	-	-	5·3
Calshot (Sthmtn.)	61	41	38	-	-	5·3
Lympne ...	65	43	40	-	Tr	3·7
Manston ...	63	46	42	Tr.	2	3·7
Shoeburyness ...	64	46	38	-	-	6·1
Felixstowe ...	65	48	44	Tr.	-	9·6
Gorleston ...	67	45	43	-	-	8·5
Mildenhall ...	64	44	39	-	0·2	10·2
Cranwell ...	64	42	39	-	1	6·2
Birmingham ...	62	43	35	0·5	1	6·6
Upper Hayford	62	39	30	-	Tr.	*
Ross-on-Wye	61	44	39	-	0·4	4·7
Portland Bill ...	53	48	*	-	-	*
Plymouth ...	55	48	43	0·2	Tr	4·4
The Lizard ...	55	49	*	2	-	*
Scilly (St. Mary's)	56	49	*	-	0·6	9·4
Guernsey ..	61	48	42	-	-	7·2
Pembroke ...	55	41	*	1	Tr	6·7
Holyhead ...	56	45	42	Tr.	1	4·3
Chester (Sealand)	60	44	38	0·3	1	4·6
Manchester ...	59	41	35	Tr.	3	3·2
Spurn Head ...	62	42	*	-	0·2	4·5
Catterick ...	62	41	36	Tr.	0·2	9·0
Tynemouth ...	60	43	38	Tr.	-	3·9
Inchkeith ...	56	41	38	-	0·4	5·5
Leuchars ...	60	39	31	-	0·2	4·2
Renfrew (Abbots L.)	58	41	37	Tr.	1	5·8
Eskdalemuir ...	57	35	29	3	4	1·8
Point of Ayre...	59	43	*	-	1	4·2
Tiree	54	42	38	Tr.	8	10·2
Stornoway ...	55	42	*	-	1	9·8
Dalwhinnie ...	51	31	27	0·6	1	4·0
Aberdeen ...	58	41	33	5	0·4	0·9
Wick ...	50	44	*	0·5	-	*
Lerwick ...	53	39	*	4	-	0·8
Blacksod Point	54	41	*	3	0·2	*
Malin Head ...	57	46	*	-	3	7·0
Aldergrove ...	57	40	36	-	2	8·4
Birr Castle ...	59	38	29	0·5	1	7·2
Valentia Obsy. †	57	41	30	Tr.	1	8·8
Roches Point	55	41	*	1	1	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon. (24 hrs. ended 9h.)	Weather Night. (24 hrs. ended 9h.)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity 15h. G.M.T. % (Yesterday.)	Humidity 9h. G.M.T. % (To-day.)	Visibility 9h. (To-day.)
Kew	18	cmwcz	bczc	cybcpr	63	44	35	-	Tr	5·4	*	*	8
Croydon	217	omcmz	bczbcy	bcprw	64	44	41	-	Tr	5·1	*	*	8
Greenwich (Royal Observatory) ...	149	c	bcbw	cm	66	43	34	-	-	3·6	59	43	7
City (Bushill Row)	—	*	*	*	*	*	*	*	*	3·6	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	64	45	40	-	-	4·4	60	47	*
Regents Pk. (Botanic Gardens)‡ ...	168	*	*	*	63	45	39	Tr	Tr	4·4	57	45	*
Camden Square	110	c	cbc	*	65	45	40	-	0·3	*	*	45	*
Kensington	80	bc	cod	*	64	45	38	-	Tr	4·7	At 18h. 50		*
Hampstead Observatory	450	c	bc	orbc	62	48	40	-	r	4·8	*	57	*

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

South Kensington. Max.	Time.	Min.	Time.
0·3	19-21h 4th	<0·3	2-5h 5th

Kew Observatory. Max.	Time.	Min.	Time.
0·1	8h 4th	<0·1	5h 5th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 4th May. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 5th May. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris	1017·8	WNW	3	c	59	1023·0	WNW	3	c	50	63	45	-	-
Brussels	1014·5	WNW	3	bc	61	1019·4	W	6	z	50	68		-	?
Berlin	1012·3	E	2	c	72	1013·3	-	0	z	63	77	54	-	-
Zurich	1016·2	SW	?	RR	52						?		?	
Rome	1014·2	WNW	4	bc	55	1013·1	NW	2	c	59	-	-	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

† The observations are from Valentia W/T Station. ‡ Maximum and Minimum Temperatures are for the 24 hours ending 6 h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 6th May, 1937.
No. 27559

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

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)	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)	1022.8	+4	WNW	4	bc	57	35	8	1	–	–	4-6	4-6	2500
	Croydon	1023.1	+6	W'N	4	bc	57	35	8	1	–	–	4-6	4-6	5700
	S. Farnborough	1023.5	+6	WNW	5	bc	60	35	9	1	–	–	4-6	4-6	4000
	Boscombe Down	1024.2	+6	WNW	4	bc	56	45	8	7	–	–	4-6	4-6	4000
	Calshot (Sthmtn.)	1024.2	+10	WNW	4	bc	59	45	8	7	–	–	2-3	2-3	4000
	Lympne	1022.7	+14	W	4	bc	59	35	8	1	–	–	2-3	2-3	2500
	Manston	1022.1	+6	W	4	bc	51	35	8	7	–	–	2-3	2-3	2500
2	Shoeburyness	1022.1	+8	W'S	3	bc	57	45	8	2	–	–	4-6	4-6	2500
	Felixstowe	1021.2	+4	W	4	bc	56	35	8	8	–	–	4-6	4-6	2500
	Gorleston	1019.2	+2	SW'W	4	bc	52	55	7	7	–	–	4-6	4-6	2500
	Mildenhall	1020.6	+4	W'N	6	c	55	35	8	2	–	–	7-8	7-8	4000
	Cranwell	1019.7	+2	W	5	c	52	55	8	8	–	–	9	9	2500
3	Birmingham	1022.1	0	WNW	4	bc	53	45	6	8	–	–	4-6	4-6	4000
4	Upper Heyford	1022.8	+4	[illegible]	4	q	54	45	9	2	–	–	7-8	7-8	4000
	Ross-on-Wye	1023.0	+8	W'N	4	bc	55	45	9	1	–	–	2-3	2-3	4000
5	Portland Bill	1025.4	+12	WSW	4	bc	54	92	8	4	–	–	2-3	2-3	2500
	Plymouth	1026.6	+10	W'N	4	bc	56	35	9	–	–	4	0	2-3	–
	The Lizard	1027.3	+12	SW	2	c	57	65	8	8	6	–	7-8	9	2500
	Scilly (St. Mary's)	1027.6	+6	S'E	2	c	56	75	8	8	9	–	4-6	7-8	2500
	Guernsey	1027.2	+14	NW	3	b	57	65	8	1	–	–	1	1	2500
6	Pembroke	1025.9	+10	WNW	3	q	51	65	8	7	4	1	2-3	4-6	4000
7	Holyhead	1023.2	+14	W'N	4	bc	54	55	8	6	–	–	2-3	2-3	4000
	Chester (Sealand)	1022.2	+14	W'N	5	c	52	55	8	2	–	–	7-8	7-8	2500
8	Manchester	1020.7	+10	W'N	6	c	51	65	8	8	–	–	7-8	7-8	2500
10	Spurn Head	1016.9	+4	WNW	7	q	52	65	7	3	7	–	4-6	7-8	2500
	Catterick	1015.6	−6	W'N	6	bc	54	55	9	2	–	3	4-6	4-6	2500
	Tynemouth	1014.6	+8	NW	4	c/phr	44	85	6	9	–	–	9+	9+	1500
11	Inchkeith	1014.6	+24	W	4	c	59	85	8	8	–	–	9+	9+	2500
12	Leuchars	1014.3	+24	ENE	2	pr$_o$	49	85	8	8	–	–	10	10	2500
	Renfrew (Abbots I.)	1016.8	+26	WNW	6	c	50	65	9	8	6	–	4-6	7-8	4000
	Eskdalemuir	1015.6	+14	WNW	6	c	45	75	8	8	–	–	10	10	1500
	Point of Ayre	1021.2	+10	NW'N	6	bc	52	65	8	2	4	–	1	2-3	2500
13A	Tiree	1021.1	+18	N'W	5	bc	50	65	8	2	5	–	2-3	2-3	2500
13B	Stornoway	1020.2	+24	N	6	c	49	92	8	5	7	–	4-6	7-8	1500
15	Dalwhinnie	1016.9	+20	N	2	c	44	75	7	–	2	–	0	10	2500
	Aberdeen	1014.7	+24	N'W	4	ir$_o$	47	85	7	5	2	–	9+	10	1500
	Wick	1015.4	+30	NNE	4	c	50	85	8	8	6	–	4-6	7-8	1500
16	Lerwick	1015.0	+12	NNE	2	bc	50	75	8	8	7	–	4-6	4-6	1500
17	Blacksod Point	1024.6	+6	E	1	bc	52	65	9	2	–	–	2-3	4-6	2500
18	Malin Head	1023.5	+18	NNW	4	bc	49	85	8	1	–	–	4-6	4-6	2500
	Aldergrove	1022.6	+18	NNW	4	bc	51	55	9	4	–	–	4-6	4-6	2500
19	Birr Castle	1024.6	+8	SW	1	bc	57	46	8	4	–	–	4-6	4-6	4000
20	Valentia Obsy. †	1025.3	−4	S	5	c	57	65	9	5	4	8	2-3	9	4000
	Roches Point	1026.4	+2	WSW	4	bc	52	75	9	1	5	5	1	4-6	4000

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

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)	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)
London (Kew)	1023.4	+6	WNW	4	bc	57	35	8	1	–	–	4-6	4-6	4000
Croydon	1023.6	+6	WNW	4	bc	56	35	8	1	–	–	2-3	2-3	5700
S. Farnborough	1024.2	+8	W'N	3	bc	56	45	8	1	–	–	4-6	4-6	5700
Boscombe Down	1025.0	+6	W'N	4	b	53	55	8	4	–	1	1	1	4000
Calshot (Sthmtn.)	1024.8	+4	W	4	bc	57	35	8	7	–	1	1	2-3	4000
Lympne	1023.2	+2	W	4	bc	56	35	8	1	–	–	4-6	4-6	4000
Manston	1022.5	+2	W'N	4	bc	56	45	8	7	–	–	4-6	4-6	2500
Shoeburyness	1022.6	+2	WNW	3	c	56	45	8	8	–	–	7-8	7-8	2500
Felixstowe	1021.8	+6	W	4	pr	55	45	8	8	6	3	4-6	4-6	1500
Gorleston	1019.6	+4	WSW	4	bc	54	55	7	2	–	–	4-6	4-6	2500
Mildenhall	1021.4	+6	W'N	5	bc	55	45	8	8	–	–	2-3	2-3	4000
Cranwell	1020.5	+4	W'N	6	b	52	45	8	7	6	–	Tr	1	4000
Birmingham	1023.2	+8	NW	4	bc	51	55	8	7	–	–	4-6	4-6	4000
Upper Heyford	1023.8	+10	W'N	4	q	53	45	9	8	–	–	2-3	2-3	4000
Ross-on-Wye	1024.3	+6	W'N	4	bc	53	45	9	1	–	1	2-3	2-3	4000
Portland Bill	1025.4	0	WSW	4	bc	52	75	8	4	–	1	2-3	4-6	2500
Plymouth	1026.8	+4	WSW	4	bc	55	75	9	7	4	–	2-3	4-6	5700
The Lizard	1026.9	0	SW'W	2	bc	55	85	8	7	4	9	4-6	4-6	2500
Scilly (St. Mary's)	1027.4	−2	WSW	3	c	55	85	8	8	5	4	4-6	7-8	2500
Guernsey	1027.2	0	WNW	3	b	54	75	9	–	3	–	0	1	–
Pembroke	1025.2	0	W'S	4	q	50	65	8	5	2	–	2-3	4-6	4000
Holyhead	1024.3	+6	SW'W	3	b	52	65	8	1	8	–	1	1	4000
Chester (Sealand)	1023.4	+12	W	5	b	52	45	8	2	–	–	1	1	2500
Manchester	1022.6	+14	WNW	5	bc	49	65	8	7	–	–	4-6	4-6	2500
Spurn Head	1017.1	+4	WNW	8	q	50	65	7	5	2	–	4-6	9+	1500
Catterick	1019.0	+18	WNW	5	bc/pr	50	65	8	8	3	–	4-6	4-6	2500
Tynemouth	1018.1	+20	NW	3	c/pr	47	92	6	6	2	–	7-8	10	800
Inchkeith	1019.3	+18	NW	3	c	51	85	8	8	–	–	9	9	2500
Leuchars	1019.4	+28	NNW	3	c	55	65	8	8	–	–	7-8	7-8	4000
Renfrew (Abbots I.)	1020.5	+22	WNW	4	c	52	65	8	4	–	–	7-8	7-8	2500
Eskdalemuir	1020.2	+30	WNW	3	c	50	75	8	8	–	–	7-8	7-8	1500
Point of Ayre	1022.7	+10	NNW	6	b	49	75	8	–	4	–	0	Tr	–
Tiree	1022.9	+8	N	3	b	48	65	8	–	4	–	0	Tr	–
Stornoway	1022.8	+10	NNE	4	bc	48	55	8	5	–	–	4-6	4-6	2500
Dalwhinnie	1021.4	+20	NW	3	c	48	85	6	8	9	–	9	10	2500
Aberdeen	1019.6	+30	N'W	3	c	47	85	7	6	2	–	4-6	9+	800
Wick	1020.1	+16	NNE	4	c	49	85	8	8	6	–	4-6	7-8	1500
Lerwick	1018.8	+26	N	4	c	47	95	8	8	7	–	4-6	7-8	1500
Blacksod Point	1022.9	−10	S	3	bc	51	65	9	2	4	–	2-3	4-6	2500
Malin Head	1024.6	+6	N	2	bc	49	92	8	1	–	–	2-3	2-3	2500
Aldergrove	1024.2	+10	NNW	3	b	49	55	9	4	–	–	Tr	Tr	4000
Birr Castle	1024.0	−2	SW	1	c	56	45	8	5	7	–	2-3	7-8	2500
Valentia Obsy. †	1023.2	−12	S	5	c/pr	54	85	8	6	1	–	4-6	10	1500
Roches Point	1025.4	−8	SW	3	c	52	75	8	5	7	–	4-6	9	1500

PAST 24 HOURS.

Stations	State of Ground 0–9 (29)	Sea 0–9 (30)	Weather 7h.—13h. 5th (37)	Weather 13h.—18h. 5th (38)	Weather 18h. 5th to 1h. 6th (39)	Weather 1h.—7h. 6th (40)
London (Kew)	0	*	cy	bcy	bcby	bbcwz$_o$
Croydon	0	*	cbcy	bcy	byb	bbwbc
S. Farnborough	0	*	bvybcy	vbcy	bcybx	bxbc
Boscombe Down	0	*	bcbybcy	bcyby	byb	bbcc
Calshot (Sthmtn.)	0	2	bcby	bcyby	bybw	bwc
Lympne	0	§4	b,cbcy	bcy	bcybw	bwb
Manston	1	*	prbcb	bbcy	bcby	bbcm$_o$
Shoeburyness	0	*	cpbcy	bcy	bcyb	bw
Felixstowe	1	2	cp$_o$bc	bcpr$_o$c	bcpr$_o$bc	cbcbm$_o$
Gorleston	0	2	cr$_o$bcy	cbcpr$_o$	cpr$_o$oq	opr$_o$c
Mildenhall	0	*	bcy	bcy	bcybc	bcz$_o$bz$_o$
Cranwell	0	*	cyb bbcy	cybcb	bbcc	cm$_o$bcb
Birmingham	0	*	bbc	bcpr$_o$	bc	bc
Upper Heyford	0	*	bbclq	cbcryq	bcyqb	bbcw
Ross-on-Wye	0	*	bbcv	bcvy	bvb	bwcc
Portland Bill	0	3	bbc	bc	bbc	c
Plymouth	0	2	bbcvy	bcyvbcv	bc v bc	bccm$_o$cr$_o$
The Lizard	0	2	bcc	cbc	bccw	cpr$_o$
Scilly (St. Mary's)	0	2	c	cbcc	cbcc	ir$_o$r$_o$
Guernsey	0	3	bcprb	b	bbcw	bcwc
Pembroke	0	3	bqbc	bcq	bbcc	cm$_o$c
Holyhead	0	2	b	by	bbc	bcc
Chester (Sealand)	0	*	bccy	b,by	byw	bcm$_o$w
Manchester	1		bccbc	pr$_o$bcy	bcbm$_o$	brbwm$_o$
Spurn Head	0	5	cq	cbcq (gale)	rqc (gale)	qc
Catterick	1	*	cpr$_o$bc	bccpr	pr$_o$c	cbcw
Tynemouth	1	1	bcprhH	cP	coir$_o$	bcc
Inchkeith	1	2	cir$_o$c	cpr	cprbc	bcw
Leuchars	1	*	CPRth$_o$	cpr$_o$c	cbcw	bwbcc
Renfrew (Abbots I.)	0	*	cm$_o$rb	bccpr$_o$		bwfg m$_o$
Eskdalemuir	1	*	cpr	cpr	bccpr$_o$	cbc
Point of Ayre	0	4	cbc	bcbbc	bcb	bcc
Tiree	0	3	bc	bcb	bw	bcc
Stornoway	1	2	ccr$_o$ (gale)	cbcy	bc	bcbbc
Dalwhinnie	1	*	cir	cir	*	bc
Aberdeen	1	2	ocr$_o$	cid$_o$c	d$_o$bcbw	bdz$_o$
Wick	1	2	c	c	cid$_o$	c
Lerwick	0		cbc	bc	cpr$_o$	c
Blacksod Point	0	2	bc	bc	preq	rrq
Malin Head	0	2	cbc	bc	bc	cpr$_o$
Aldergrove	1	*	pr$_o$ph$_o$v	bcby	bywbc	bcc,r$_o$
Birr Castle	1	*	bbcy	bccy	c	cir$_o$
Valentia Obsy. †	1	2	bbccycv	cvpr$_o$c	cor$_o$r$_o$	rrr$_o$r$_o$
Roches Point	0	2	bbcv	bcvc	cr$_o$r$_o$	odrdr

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.*

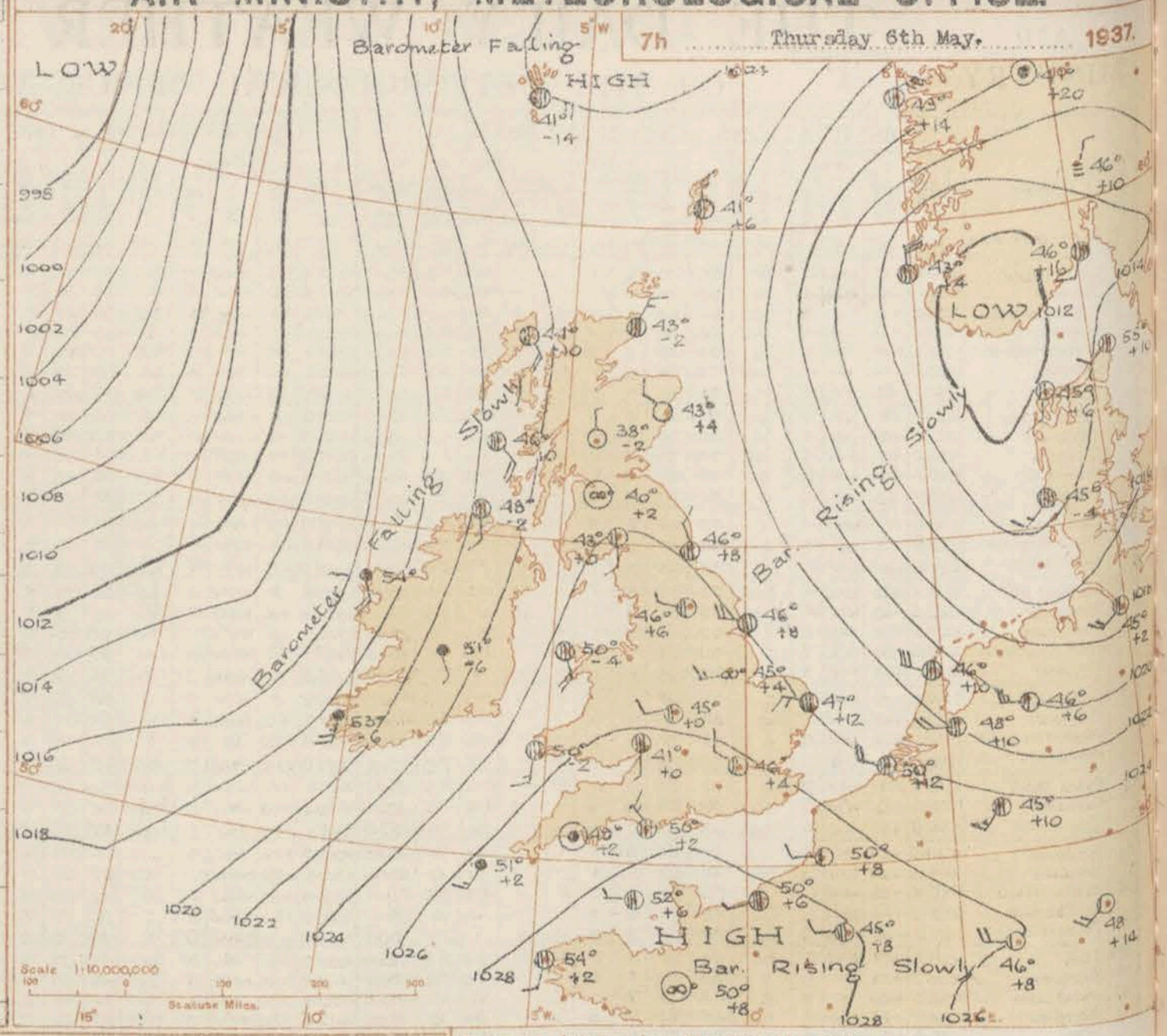
§ Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for Wednesday, 5th May 1937.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	b	bbc	40	60	—	—	11·0	5·0
	Bournemouth	b	b	44	61	—	—	10·9	6·9
	Ventnor ...	b	b	45	57	—	—	11·2	8·3
	Southsea ...	b	b	46	61	—	—	11·8	7·0
	Bognor Regis	bcb	b	44	60	—	—	11·6	7·4
	Littlehampton	bc	bc	43	61	—	—	11·6	7·2
	Worthing ...	b	b	45	61	—	—	11·9	7·8
	Brighton ...	b	b	45	61	—	—	11·6	6·7
	Eastbourne† ...	bcbby	byb	45	60	—	—	12·2	7·4
	Hastings† ...	bc	bbc	44	61	—	—	11·4	5·9
	Folkestone ...	bcc	bcb	45	61	—	—	10·7	2·2
	Dover ...	bccbc	bc	46	62	—	—	9·9	1·7
	Deal	bcab	bbcc	48	60	—	—	9·5	2·3
	Ramsgate ...	dcbc	bc	47	59	Trace	Trace	10·2	3·4
	Margate ...	cbc	bc	48	57	0·2	—	10·2	4·4
2	Southend ...	bbcb	bbcb	44	61	Trace	—	9·5	4·5
	Maldon ...	bcfb	pbc	44	59	0·3	—	9·4	8·4
	Clacton-on-Sea	crbc	bcy	46	59	0·3	Trace	8·9	8·1
	Dovercourt ...	bcpbc	pbc	*	55	0·2	Trace	8·9	9·5
	Lowestoft ...	bccpr	bbcc	44	61	0·2	Trace	8·7	8·9
	Skegness ...	bc	bcb	42	56	0·1	—	7·3	7·9
	Mablethorpe...	cq	cbccq	42	56	0·5	—	8·6	6·3
	Cleethorpes ...	bc	bcq	43	57	Trace	—	8·2	4·4
3	Leamington S.	bc	bc	44	58	1	—	8·3	4·2
4	Cheltenham†	bcb	bbcy	44	59	Trace	—	11·8	3·9
5	Bath	b	b	47	58	—	—	11·3	9·9
	Weymouth ...	by	by	47	59	—	—	10·9	9·6
	Jersey ...	bc	bc	49	58	—	—	8·7	5·7
	Torquay ...	bvy	bvy	46	60	Trace	—	11·2	7·5
	Penzance ...	bbc	pbcb	46	62	Trace	—	8·7	7·1
	St. Ives ...	c	b	49	54	—	—	10·4	9·2
	Bude... ...	bcb	p	*	54	1	—	11·4	3·6
	Ilfracombe ...	bcb	bcb	47	58	—	—	12·0	6·9
6	Aberystwyth	prbc	bbc	46	53	1	—	10·9	2·6
7	Llandudno ...	bcb	bbcb	44	54	2	—	11·3	4·7
	Colwyn Bay...	bcb	bcb	43	55	3	—	11·4	3·7
	Rhyl	bcb	b	44	53	2	—	11·8	4·3
8	Wallasey ...	cbc	bcb	45	54	4	—	11·7	4·1
	Southport ...	bcc	pbbcb	44	54	2	Trace	9·6	3·5
	Blackpool ...	bcc	bcb	45	53	2	—	9·6	1·9
	Morecambe ...	bccbc	pbc	44	51	1	—	9·5	2·2
9	Ilkley... ...	cupbc	b	40	56	3	Trace	9·4	7·1
	Harrogate ...	bcbq	bbcq	40	53	Trace	—	11·1	10·2
10	Berwick-on-T.	cpf	cpbo	41	49	Trace	1	5·2	3·7
11	Dunbar ...	cromo	bcro	46	51	0·3	2	4·1	4·1
12	Troon... ...	cbc	bbcb	44	52	4	—	8·1	6·4
	Douglas ...	bcpro	b	41	52	1	Trace	11·6	6·0

† 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 May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light to moderate, variable to southwesterly winds; becoming cloudy, slight rain at times; average temperature.
4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Moderate south to southwest winds; rain at first, showers and bright intervals later; average temperature.
10 N.E. England 11 S.E. Scotland	Light variable winds, freshening from south or southwest; becoming cloudy, slight rain at times; average temperature.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland	Freshening southerly winds; becoming cloudy, occasional slight rain, 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	Moderate to fresh southwesterly winds; rain at first, showers and bright intervals later; average temperature.

GENERAL INFERENCE.

A wedge of high pressure is moving eastwards across the British Isles and a deepening depression is approaching Iceland from the south. A belt of light rain will move eastwards across the country and be followed by showers and bright intervals generally.

FURTHER OUTLOOK.

Mainly fair in the Southeast; occasional rain in the North and West.

Forecasts issued at 0930 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.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 6th May, 1937.
No. 27559

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1026·2	+6	W'S	2	b	43	85	7	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1026·2	+6	WNW	2	b	42	75	7	-	-	-	0	0	-
	Manston ...	142	1025·0	+2	W'S	3	b	45	65	7	-	-	-	0	0	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1021·9	+6	WSW	4	o	48	76	7	6	-	-	10	10	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1026·9	-2	NNW	3	c	48	85	8	4	-	-	9	9	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1027·5	-2	SSW	2	c	51	97	8	5	-	-	10	10	2500
	Scilly (St. Mary's)	163	1027·2	-6	SW	3	c	51	97	8	8	-	-	7-8	7-8	2500
	Guernsey ..	175	1028·1	0	W'N	1	bc	51	97	8	1	7	-	2-3	4-6	2500
6	Pembroke ...	142	1025·6	+4	SW	3	c	49	92	7	5	-	-	9+	9+	4000
7	Holyhead ...	26	1025·0	+2	SE	2	bc	44	92	8	-	-	6	0	4-6	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1022·3	+20	NW	6	q	48	75	7	5	2	-	7-8	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1023·6	+12	N	3	ir.	46	92	7	-	2	-	10	10	1500
11	Inchkeith ...	190	1023·8	+14	NW	1	bc	45	92	8	4	-	-	4-6	4-6	4000
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1024·8	+6	N'W	2	b	44	85	8	-	4	-	0	Tr	-
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1023·7	-2	NE	1	bc	56	75	8	5	-	-	2-3	2-3	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	77	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1023·7	+8	NW	1	id.	43	97	8	8	2	-	7-8	10	1500
16	Lerwick ...	156	1022·6	+10	N	4	c	42	75	8	8	7	-	7-8	9+	1500
17	Blacksod Point	18	1018·6	-20	S	4	c	52	92	8	9	-	-	9	9	800
18	Malin Head ...	84	1023·1	-8	S	1	bc	48	97	7	4	-	-	4-6	4-6	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1020·7	-14	S	4	Dr	51	97	6	6	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)
London (Kew)	1026·8	+10	WSW	2	z_o	46	75	6	5	3	1	2-3	4-6	2500	0	*
Croydon ...	1027·4	+4	NW'W	2	bc	46	75	7	-	5	-	0	4-6	-	0	*
S. Farnborough	1027·3	+8	W	2	c	47	75	7	-	3	-	0	7-8	-	0	*
Boscombe Down	1027·6	+2	-	0	c	41	85	8	3	3	-	Tr	9+	4000	0	*
Calshot (Sthmtn.)	1027·8	-6	WSW	1	c	44	75	7	-	7	-	0	9+	-	1	1
Lympne ...	1027·2	+6	NW'W	2	b	44	75	7	-	5	-	0	1	-	0	1
Manston ...	1026·3	+10	WNW	3	bc	48	65	7	-	7	-	0	2-3	-	1	*
Shoeburyness ...	1026·4	+10	WNW	2	b	48	65	7	-	-	-	0	0	-	0	*
Felixstowe ...	1025·9	+16	W	2	z_o	48	75	6	-	-	-	0	0	-	1	1
Gorleston ...	1024·1	+12	WNW	3	c	47	85	6	5	-	-	9+	9+	2500	0	2
Mildenhall ...	1025·7	+10	WNW	3	z_o	48	75	6	-	4	-	0	Tr	-	0	*
Cranwell ...	1025·1	+4	W'S	3	z_o	45	85	6	5	3	-	1	1	7200	0	*
Birmingham ...	1025·5	0	WSW	2	bc	45	85	7	-	3	-	0	4-6	-	0	*
Upper Heyford	1027·0	+2	WSW	2	bc	48	75	8	-	3	3	0	4-6	-	0	*
Ross-on-Wye	1026·5	0	S	1	c	41	85	6	-	7	-	0	9+	-	0	*
Portland Bill ...	1027·0	+2	NW	3	c	50	92	8	4	4	-	4-6	9	2500	0	3
Plymouth ...	1027·2	+2	-	0	$r_o r_o$	49	92	7	6	2	-	9+	10	1500	0	0
The Lizard ...	1027·1	0	SSW	3	pr_o	51	97	8	5	2	-	9	10	2500	1	2
Scilly (St. Mary's)	1026·5	+2	SW'S	3	ir_o	51	92	8	8	7	-	4-6	10	1500	1	2
Guernsey ..	1028·4	+6	W	1	c	52	92	7	8	-	-	9+	9+	2500	0	1
Pembroke ...	1024·1	-2	SSW	3	c	50	97	7	5	-	-	10	10	2500	1	2
Holyhead ...	1024·1	-4	S'E	4	c	50	92	8	6	2	-	4-6	10	800	0	2
Chester (Sealand)	1025·1	-2	ESE	1	z_o	47	85	6	5	-	-	7-8	7-8	7200	0	*
Manchester ...	1025·8	+2	-	0	z_o	41	85	5	-	5	-	0	2-3	-	1	
Spurn Head ...	1024·0	+8	WNW	4	c	46	85	7	5	1	-	4-6	7-8	1500	0	3
Catterick ...	1024·9	+6	WNW	1	bc	46	85	7	4	4	-	1	2-3	4000	0	*
Tynemouth ...	1024·4	+8	NNW	2	c	46	85	6	2	-	-	7-8	7-8	1500	1	1
Inchkeith ...	1025·0	+2	S	1	bc	45	92	6	5	-	-	4-6	4-6	2500	1	1
Leuchars ...	1023·9	+2	W	1	c	44	85	8	5	-	-	7-8	7-8	5700	1	*
Renfrew (Abbots I.)	1023·7	+2	-	0	z_o	40	92	5	-	3	-	0	1	-	0	*
Eskdalemuir ...	1024·2	0	S'W	2	bc	43	92	7	5	3	-	4-6	4-6	1500	1	*
Point of Ayre ...	1023·7	-4	S'E	3	c	49	75	8	5	4	-	7-8	7-8	4000	0	2
Tiree ...	1020·4	-10	SE	4	c	46	75	9	5	7	8	2-3	9+	2500	0	3
Stornoway ...	1021·5	-10	SE	4	bc	44	85	8	5	4	5	Tr	4-6	4000	1	2
Dalwhinnie ...	1023·9	-2	N	1	b	38	85	8	1	-	-	Tr	Tr	4150	0	*
Aberdeen ...	1023·6	+6	NW	2	b	43	85	7	5	-	-	Tr	Tr	2500	1	1
Wick ...	1023·0	-2	NE	3	c	43	85	8	5	1	8	7-8	10	1500	1	2
Lerwick ...	1023·4	+6	N	3	c	41	75	8	8	7	-	7-8	9	1500	0	*
Blacksod Point	1015·9	-18	SSE	4	rr	54	85	7	6	-	-	10	10	450	1	4
Malin Head ...	1019·5	-2	S	2	c/pr	48	97	7	9	-	-	7-8	7-8	2500	0	2
Aldergrove ...	1027·0	-10	SE	3	c/r	47	75	8	5	7	6	2-3	9+	5700	1	*
Birr Castle ...	1020·5	-6	SSE	1	ir_o	51	97	7	5	-	-	10	10	2500	1	*
Valentia Obsy. †	1018·6	-6	S'W	5	$r r_o$	53	97	6	6	-	-	10	10	450	1	3
Roches Point	1021·3	-6	SW	4	dr	52	97	5	5	-	-	10	10	450	1	3

PAST 24 HOURS.

Stations	Temperature Max. Day 7h–18h °F. (31)	Temperature Min. Night 18h–7h °F (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h–18h gm. (34)	Rainfall Night 18h–7h gm. (35)	Sunshine Hrs. (36)
London (Kew)	59	40	29	Tr	-	11·6
Croydon ...	59	38	36	-	Tr	11·5
S. Farnborough	62	34	23	-	-	10·7
Boscombe Down	57	36	28	-	-	12·4
Calshot (Sthmtn.)	59	35	31	-	-	14·3
Lympne ...	61	38	33	-	-	13·3
Manston ...	58	42	38	0·1	-	11·3
Shoeburyness ...	60	42	35	Tr	-	10·4
Felixstowe ...	58	45	42	0·2	Tr	~~9·7~~
Gorleston ...	58	46	46	Tr	0·1	9·3
Mildenhall ...	58	43	41	-	-	9·9
Cranwell ...	56	39	35	-	-	9·9
Birmingham ...	55	35	29	Tr	-	9·6
Upper Heyford	57	35	26	-	-	*
Ross-on-Wye	56	36	29	-	-	13·7
Portland Bill ...	54	47	*	-	-	*
Plymouth ...	58	46	44	-	Tr	13·1
The Lizard ...	58	50	*	-	0·1	*
Scilly (St. Mary's)	58	50	*	-	1	7·6
Guernsey ..	58	49	46	0·1	-	12·3
Pembroke ...	52	47	*	-	0·4	13·3
Holyhead ...	55	43	33	-	-	13·7
Chester (Sealand)	54	34	31	-	-	13·7
Manchester ...	53	32	26	0·1	-	13·4
Spurn Head ...	54	45	*	-	0·5	7·8
Catterick ...	56	39	32	0·1	Tr	10·4
Tynemouth ...	51	42	39	10	0·4	6·4
Inchkeith ...	59	42	31	2	1	8·2
Leuchars ...	56	34	30	6	-	5·8
Renfrew (Abbots I.)	53	33	27	Tr	-	5·9
Eskdalemuir ...	53	36	30	1	0·1	7·1
Point of Ayre ...	53	35	*	-	-	12·4
Tiree ...	51	35	29	Tr	-	12·2
Stornoway ...	50	36	*	2	-	7·5
Dalwhinnie ...	46	26	19	2	-	0·5
Aberdeen ...	48	36	33	Tr	Tr	0·6
Wick ...	51	42	*	Tr	0·2	*
Lerwick ...	54	37	*	-	Tr	7·9
Blacksod Point	53	45	*	-	3	*
Malin Head ...	51	47	*	0·6	0·4	11·4
Aldergrove ...	53	35	30	Tr	Tr	13·3
Birr Castle ...	59	48	41	-	0·6	11·5
Valentia Obsy. †	58	51	50	Tr	11	7·7
Roches Point	53	50	*	-	5	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
		24 hrs. ended 9h.											
Kew	18	cy	bcy	bycoq	59	40	29	Tr	-	11·8	*	*	8
Croydon	217	cbcy	bcy	bybwb	59	39	35	-	Tr	11·5	*	*	7
Greenwich (Royal Observatory)	149	by	bcy	bxby	60	39	27	-	-	11·6	33	49	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	11·8	*	*	*
Westminster (St. James' Park)	27	*	*	*	61	40	36	-	-	11·7	37	33	*
Regent's Pk. (Botanic Gardens)	165	*	*	*	60	41	34	-	-	11·5	38	55	*
Camden Square	110	b	bc	*	61	41	36	-	-	*	*	49	*
Kensington	80	bc	bc	*	59	41	32	-	-	11·5	At 18h. 52	55	*
Hampstead Observatory	450	bc	bc	bc	59	38	26	-	-	11·2	*	54	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
0·3	4-7hs 6th	<0·3	12-13hs 5th

Kew Observatory Max.	Time.	Min.	Time.
0·1	20hs 5th	<0·1	8-18hs 5th

FOREIGN OBSERVATIONS

Stations	18h. G.M.T. 5th May Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 6th May 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	1024·9	WNW	4	bc	61	1028·7	W	2	c	45	66	39	-	-
Brussels	1023·0	WNW	3	b	54						61		2	
Berlin	1014·8	SW	1	rr	59	1023·0	SW	3	b	46	*	43	5	-
Zürich	1023·0	SSE	2	bc	54	1025·8	WSW	1	z_o	50	*	*	0·2	0·1
Rome	1017·7	WNW	5	c	59	1013·5	N	5	c	63	*	*	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	1½ miles.
5 Poor visibility	2½ ,,
6 Moderate ,,	6½ ,,
7 Good ,,	12½ ,,
8 Very good ,,	31 ,,
9 Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 7th May, 1937.

No. 27560

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

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)	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)	1026·3	-8	WSW	3	c	59	45	8	5	-	6	9+	9+	4000
	Croydon	1026·3	-10	W'S	3	c	61	45	8	7	3	-	4-6	9	4000
	S. Farnborough	1026·6	-6	SW	3	c	61	55	9	5	3	-	7-8	9+	5700
	Boscombe Down	1027·0	-6	S	3	c	58 (54)	85	8	5	1	-	7-8	9+	1500
	Calshot (Sthmtn.)	1027·5	-8	SSW	4	c	58	75	8	5	7	-	4-6	9+	4000
	Lympne	1026·6	-6	WNW	3	bc	59	45	8	1	3	-	2-3	4-6	4000
	Manston	1026·0	-6	NWN	3	b	59	45	7	1	-	-	1	1	2500
2	Shoeburyness	1025·8	-10	W	2	bc	62	45	7	2	9	-	1	4-6	4000
	Felixstowe	1025·6	-2	WSW	2	c	59	45	8	8	-	-	7-8	7-8	4000
	Gorleston	1024·4	-4	N	2	c	55	55	6	5	-	-	7-8	7-8	2500
	Mildenhall	1024·9	-10	W	4	bc	60	35	8	1	3	5	2-3	2-3	4000
	Cranwell	1024·0	-14	W	3	bc	61	45	7	1	-	-	4-6	4-6	4000
3	Birmingham	1025·8	-2	WSW	3	c	52	75	8	5	7	-	2-3	10	2500
	Upper Heyford	1026·6	-2	SW	2	c/d	53	85	7	5	-	-	10	10	2500
4	Ross-on-Wye	1025·4	-8	SWW	3	c	54	75	7	6	7	-	1	10	2500
5	Portland Bill	1026·4	-4	SW	3	c	53	92	7	4	-	-	10	10	2500
	Plymouth	1027·3	0	S'W	3	r_0r_0	52	92	6	6	2	-	7-8	10	1500
	The Lizard	1027·5	0	S'W	4	c	55	92	8	8	1	-	7-8	10	2500
	Scilly (St. Mary's)	1026·2	-6	SW'S	5	c/r	54	85	8	8	2	-	4-6	10	1500
	Guernsey	1028·3	0	WNW	2	d	55	75	8	8	-	-	10	10	1500
6	Pembroke	1023·6	-2	SW'S	5	ir	50	97	6	5	-	-	10	10	1500
7	Holyhead	1023·0	-6	SW'S	5	ir_0	52	85	7	5	2	-	7-8	10	800
	Chester (Sealand)	1023·9	-10	SSW	3	c_0	56	65	8	5	2	-	7-8	10	2500
8	Manchester	1024·3	-10	SW'S	3	c	57	65	7	8	3	-	7-8	9+	2500
10	Spurn Head	1024·0	-6	ESE	3	bc	50	75	6	-	7	·	0	2-3	-
	Catterick	1022·7	-14	W'S	3	bc	60	45	9	7	-	-	4-6	4-6	4000
	Tynemouth	1022·3	-16	SE	2	bc	49	85	7	2	-	-	2-3	2-3	1500
11	Inchkeith	1022·1	-16	NE	2	bc	56	75	8	5	-	-	2-3	2-3	2500
	Leuchars	1021·6	-16	E	2	z_0	57	65	7	1	-	-	Tr	Tr	4000
12	Renfrew (Abbots I.)	1020·8	-16	SSW	3	c	62	45	8	1	7	6	2-3	7-8	5700
	Eskdalemuir	1022·0	-8	SW'S	5	c	55	65	8	7	-	-	9	9	2500
	Point of Ayre	1022·9	-8	S'W	4	c	51	97	7	9	-	-	10	10	2500
13A	Tiree	1018·6	-8	SE'S	5	id_0	51	75	7	5	2	-	4-6	9+	2500
13B	Stornoway	1020·1	-14	ESE	3	c	49	85	9	5	4	2	4-6	10	4000
15	Dalwhinnie	1020·5	-12	SW	3	b	57	35	8	-	5	1	0	1	-
	Aberdeen	1022·5	-8	E	3	b	49	75	8	4	-	-	1	1	2500
	Wick	1022·7	-4	ESE	3	bc	45	85	8	1	4	-	2-3	4-6	1500
16	Lerwick	1022·4	-8	NE	4	c	44	75	8	5	7	-	4-6	7-8	1500
17	Blacksod Point	1016·9	+10	W	5	of	53	97	3	6	-	-	10	10	<150
18	Malin Head	1017·7	-6	S'E	3	rr	55	97	7	8	2	-	9	9+	2500
	Aldergrove	1020·1	-10	S	3	ir_0	56	85	7	5	-	-	10	10	1500
19	Birr Castle	1019·5	-4	S	1	ir_0	57	97	7	5	-	-	10	10	2500
20	Valentia Obsy.†	1020·7	+10	SW	4	z_0	56	97	6	5	-	-	10	10	450
	Roches Point	1021·4	0	SW	4	dr	54	97	6	5	-	·	10	10	800

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

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)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
London (Kew)	1025·2	-6	SW'S	3	c	57	65	7	5	2	-	9+	10	2500	1	*
Croydon	1025·3	-6	WSW	4	c	56	75	7	5	7	-	4-6	10	4000	0	*
S. Farnborough	1025·6	-2	W'S	2	ir_0	56	65	8	5	7	-	4-6	10	4000	0	*
Boscombe Down	1025·3	-12	SSW	3	ir_0	54	75	8	5	2	-	7-8	10	1500	0	*
Calshot (Sthmtn.)	1026·4	-6	SW	4	ir_0	54	85	8	5	7	-	4-6	10	4000	0	§2
Lympne	1026·1	-2	SW'S	3	c	53	75	8	5	3	-	2-3	9+	5700	0	3
Manston	1024·8	-4	SW'W	3	c	56 (57)	65	7	5	7	-	4-6	9+	2500	0	*
Shoeburyness	1025·0	-2	W'S	2	c	57	65	7	5	2	-	9	10	4000	0	*
Felixstowe	1024·4	-2	WSW	4	bc	59	65	9	8	5	9	1	4-6	4000	0	2
Gorleston	1022·8	-8	-	0	bc	51	75	6	7	-	-	4-6	4-6	2500	0	2
Mildenhall	1023·8	0	W	4	c	57	65	8	7	7	-	7-8	9	4000	0	*
Cranwell	1023·0	-2	WSW	4	c	56	75	7	5	-	-	9	9+	4000	0	*
Birmingham	1024·2	-6	W	3	ir_0	54	75	8	6	7	-	7-8	9+	2500	0	*
Upper Heyford	1024·9	-4	SW	3	ir_0	55	75	8	5	1	-	9	10	2500	0	*
Ross-on-Wye	1024·3	-4	SW	4	ir_0	53	85	7	6	1	-	9	10	1500	1	*
Portland Bill	1026·3	-6	WSW	4	c	51	92	7	4	-	-	10	10	2500	1	3
Plymouth	1026·5	-4	SW	3	id_0	52	92	6	6	7	-	9	10	1500	0	2
The Lizard	1026·5	-6	SSW	4	c/pr	52	92	8	5	2	-	9	10	2500	1	2
Scilly (St. Mary's)	1025·4	-2	SW'S	4	c	54	92	7	8	2	-	7-8	10	1500	1	3
Guernsey	1028·6	-2	WSW	1	c	55	75	8	8	-	-	9+	9+	2500	0	2
Pembroke	1022·8	-8	SW	4	r_0r_0	51	97	6	5	-	-	10	10	1500	1	3
Holyhead	1021·4	-6	SSW	4	d_0d_0	50	97	6	5	-	-	10	10	220	1	2
Chester (Sealand)	1022·8	-6	SE	1	rr	54	92	6	6	2	-	9	10	1500	1	*
Manchester	1022·8	-8	SW	2	ir_0	56	75	6	5	2	-	7-8	10	1500	1	*
Spurn Head	1022·3	-10	SE	2	c	49	85	6	5	7	-	4-6	7-8	220	0	2
Catterick	1022·2	0	WNW	2	c	55	75	9	5	-	-	9	9	4000	0	*
Tynemouth	1021·6	0	SSE	2	bc	49	85	6	2	-	-	4-6	4-6	1500	1	1
Inchkeith	1020·2	-4	SW	2	c	53	85	8	5	7	-	4-6	7-8	4000	0	1
Leuchars	1020·8	-2	ESE	3	bc	51	75	7	5	3	6	2-3	4-6	2500	1	*
Renfrew (Abbots I.)	1020·0	-2	SW	2	r_0r_0	55	85	6	5	2	-	7-8	10	1500	0	*
Eskdalemuir	1021·5	-4	SW'S	3	ir_0	49	92	5	5	-	-	10	10	<150	0	
Point of Ayre	1020·8	-12	SSW	1	r_0r_0	53	97	8	6	2	-	7-8	10	1500	1	1
Tiree	1017·6	-4	SE'S	4	rr	49	97	6	-	2	-	10	10	220	1	3
Stornoway	1018·4	-4	SSE	2	c/r	48	85	8	5	2	-	4-6	10	2500	1	1
Dalwhinnie	1019·5	-4	SW	3	c	54	65	8	4	4	9	1	9	4000	0	*
Aberdeen	1021·9	0	E'S	2	b	45	75	8	-	-	4	0	1	-	0	1
Wick	1022·8	+4	SE	3	bc	43	85	8	1	4	-	2-3	2-3	1500	1	2
Lerwick	1022·7	0	NE	4	c	43	75	8	8	7	-	4-6	7-8	1500	0	*
Blacksod Point	1019·9	+20	W	4	id	52	92	6	6	-	-	10	10	450	1	3
Malin Head	1016·8	+8	WSW	3	c/r	55	97	7	9	2	-	7-8	9	2500	1	1
Aldergrove	1018·8	-6	SW	2	ir_0	55	97	7	5	2	-	9+	10	800	1	*
Birr Castle	1020·1	+8	NW	1	c/r	58	92	8	5	2	-	7-8	10	2500	1	*
Valentia Obsy.†	1022·3	+10	W'S	3	o	56	97	6	5	-	-	10	10	450	1	2
Roches Point	1021·8	+2	WSW	3	cf	53	97	3	5	-	-	10	10	<150	1	3

PAST 24 HOURS.

Stations	Weather 7h.—13h. 6th (37)	Weather 13h.—18h. 6th (38)	Weather 18h 6th to 1h. 7th (39)	Weather 1h.—7h. 7th (40)
London (Kew)	bcb,cy	$cycpr_0c$	cr_0r_0	r_0rrcm_0
Croydon	bccy	$cycz_0y$	$cir_0r_0r_0$	cr_0rRm_0
S. Farnborough	ccy	$cyir_0c$	cir_0r_0o	$orRid_0c$
Boscombe Down	cd_0m_0c	cir_0	$cr_0r_0d_0d_0$	oid_0m_0o
Calshot (Sthmtn.)	cyc	c,id_0r_0	cr_0r_0	cr_0r_0
Lympne	b,bcy	bccyc	$ccr_0r_0m_0$	fr_0r_0md
Manston	bcby	bcyc	$cir_0or_0r_0$	$or_0r_0m_0$
Shoeburyness	bbcy	bccyc	cod_0d_0	ddd_0dmo
Felixstowe	bm_0bcc	cybcv	bvc	$cr_0r_0m_0$
Gorleston	cbccy	cbc	bbcc	or_0or_0
Mildenhall	bcz_0bc	ccy	c,om_0	$omr_0r_0r_0$
Cranwell	bz_0bcby	$bcyz_0c$	cd_0m_0	$cm_0r_0r_0r_0$
Birmingham	bcc	cir_0	cir_0 γ	cpr_0
Upper Heyford	$bccd_0$	cr_0	cr_0r_0	crrc
Ross-on-Wye	c	cid_0	cr_0oro	oc
Portland Bill	c	cpro	cprc	crorq
Plymouth	$cid_0r_0r_0$	$cr_0r_0ir_0c$	$or_0d_0d_0$	odd_0mfe
The Lizard	cpr_0c	cpr_0c	$copr_0$	FFpr
Scilly (St. Mary's)	cir_0	cir_0c	ir_0off	FFe
Guernsey	c	cid_0	c	co
Pembroke	cirmqc	$cqmr_0r_0$	oFcFeo	oFeFcpre
Holyhead	cir_0	$r_0r_0d_0d_0o$	r_0PRF_0	c
Chester (Sealand)	$bccz_0r_0$	cr_0r_0rr	$rrir_0r_0r_0$	cid_0m_0
Manchester	bmbcc	cir_0c	$r_0r_0d_0d_0$	$r_0r_0d_0d_0$
Spurn Head	cbc	bcc	co	odfr
Catterick	bbcby	bcycv	$cycr_0$	$fr_0r_0mm_0$
Tynemouth	cbc	bc	oif	omr_0r_0
Inchkeith	bc	bcc	cid_0	id_0o
Leuchars	cbcyb	bbc	bcc	$cr_0r_0r_0r_0m$
Renfrew (Abbots I.)	bz_0bcy	$ccr_0r_0m_0$	$cr_0r_0m_0$	$cr_0r_0d_0m_0$
Eskdalemuir	bbc	$bccir_0$	$ofid_0$	$ofid_0c$
Point of Ayre	c	or_0r	r_0r_0p	od_0d
Tiree	cid_0	cr_0rro	ordd	ird_0c
Stornoway	bcc	cpr_0r_0	$r_0r_0z_0c$	c
Dalwhinnie	bc	bcc	*	cir_0m
Aberdeen	bwcb	bbvb	$bbcz_0w$	$bcwcz_0$
Wick	cbc	cbc	bcc	cpr_0
Lerwick	c	c	c	c
Blacksod Point	dc	dd	id	c
Malin Head	crr	crr	odcid	c
Aldergrove	$ccir_0$	$cr_0r_0ir_0$	cir_0c	$ccid_0$
Birr Castle	cir_0	cir_0	c	c
Valentia Obsy.†	$r_0r_0d_0m_0$	om_0o	oid_0id	oidc
Roches Point	odrdr	idffe	oifec	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_0, slight storm of drifting snow (generally low).
k/S, heavy storm of drifting snow (generally low).
s_0/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r_0, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ♁ lunar halo. ⟋ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 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.*

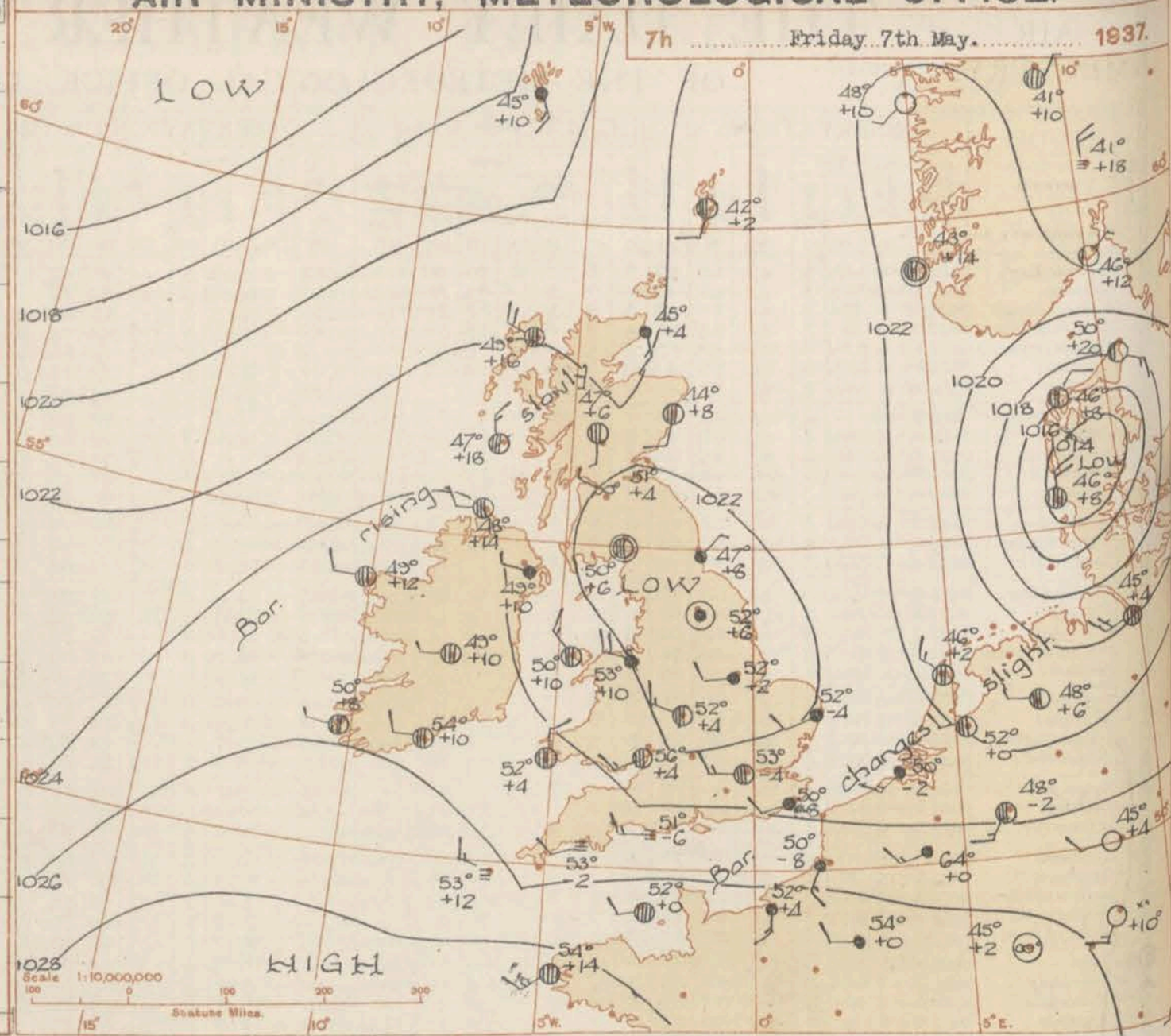
† See disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 6th May 1937.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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	Sunshine (Hrs) Sunrise to Sunset. 5th
1	Tunbridge W.	bc	co	34	60	–	–	5·7	12·6
	Bournemouth	oc	co	37	60	–	–	0·9	12·9
	Ventnor ...	ocbc	bco	42	56	–	–	2·0	12·7
	Southsea ...	cbc	bcc	40	60	–	–	1·0	13·8
	Bognor Regis	bcebc	bcebc	41	55	–	–	1·0	13·3
	Littlehampton	c	c	39	55	–	–	3·5	13·6
	Worthing ...	bbc	bbc	43	58	–	–	4·5	13·9
	Brighton ...	b	bc	42	56	–	–	4·9	13·1
	Eastbourne† ...	bcyc	cbcyc	44	58	–	–	7·0	13·6
	Hastings† ...	bbc	bcc	44	58	–	–	6·5	13·0
	Folkestone ...	b	bbcc	42	60	–	–	8·5	12·4
	Dover ...	ybc	bcc	44	59	–	–	8·5	11·6
	Deal	b	bco	43	62	–	–	9·5	10·5
	Ramsgate ...	b	bbcc	43	60	–	–	10·5	11·2
	Margate ...	bc	bcc	46	59	–	–	10·3	11·7
2	Southend ...	b	bbcc	41	64	–	–	9·1	10·9
	Maldon ...	b	bbcc	42	62	–	–	10·2	9·6
	Clacton-on-Sea	bbcz	bc	42	63	–	–	10·1	9·7
	Dovercourt ...	bcv	bcv	43	64	–	–	10·6	9·5
	Lowestoft ...	cbc	b	45	61	–	–	6·3	10·2
	Skegness ...	bcb	b	42	64	Trace	–	10·3	8·3
	Mablethorpe...	bc	bc	42	61	0·3	–	9·7	8·8
	Cleethorpes ...	bc	bc	44	62	Trace	–	10·9	8·3
3	Leamington S.	cbc	c	37	57	–	–	3·0	9·0
4	Cheltenham†	cop.	cp.c	39	57	–	Trace	0·3	13·7
5	Bath	p.cbc	cp.	37	60	–	Trace	0·7	13·4
	Weymouth ...	c	c	41	58	–	–	0·1	13·2
	Jersey ...	c	cd	49	56	–	Trace	0·1	10·1
	Torquay ...	oir.	orp	43	57	Trace	Trace	0·0	13·2
	Penzance ...	d.c	cd	51	56	Trace	Trace	0·1	9·7
	St. Ives ...	o	d	49	57	Trace	0·3	0·1	12·1
	Bude... ...	o	d	42	53	–	1	0·0	12·6
	Ilfracombe ...	bcepo	od	45	56	0·2	1	0·0	14·3
6	Aberystwyth	pr.c	pro	44	54	0·3	1	0·0	12·3
7	Llandudno ...	cp.c	cir.	40	56	–	1	0·0	13·7
	Colwyn Bay...	c	cp.	40	57	–	0·3	0·0	13·7
	Rhyl	c	cr	38	57	–	0·3	0·3	13·9
8	Wallasey ...	bcebc	cd.	41	57	–	Trace	2·1	13·3
	Southport ...	bcco	op.co	37	58	–	Trace	3·4	11·4
	Blackpool ...	co	cop.c	37	59	–	Trace	4·1	11·5
	Morecambe ...	bbc	cbc	38	58	–	–	6·0	11·0
9	Ilkley... ...	bbc	bco	39	63	–	–	7·7	11·5
	Harrogate ...	b	bbcc	40	62	–	–	8·1	12·6
10	Berwick-on-T.	c	bcbbc	39	50	–	–	11·1	5·2
11	Dunbar ...	bc	bc	39	59	–	–	11·6	4·2
12	Troon... ...	bcbbc	cbc	38	58	–	–	6·9	10·8
	Douglas ...	cf.d.	ofd	40	50	–	0·5	0·5	13·9

† 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 May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light variable or westerly winds; cloudy periods; occasional local drizzle; average temperature.
5 S.W. England 6 South Wales ... 7 North Wales ...	Light to moderate westerly or variable winds; cloudy periods, slight drizzle locally at first; local coastal fog; rather mild.
8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Light to moderate variable to westerly winds; cloudy periods; occasional local drizzle; rather mild.
13 A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Light to moderate variable to westerly winds; cloudy periods; occasional local drizzle; average temperature.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	As 8 - 12.

GENERAL INFERENCE.

A shallow depression over Northern England will move slowly southeastwards and a wedge of high pressure extend northeastwards from an anticyclone over the Bay of Biscay. At first weather will be cloudy generally with, in the East and North, slight rain or drizzle in most places; later there will be less cloud and some brighter interbals.

FURTHER OUTLOOK.

Mainly fair in the Southeast; rain at times in the North and West.

Forecasts issued at 0940 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.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 7th May. 1937.

No. 27560

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

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	1025·0	-8	SWW	3	r.r.	50	87	7	5	-	-	7·8	7·8	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1025·8	-6	SW	2	r.r.	49	92	6	6	2	-	7·8	10	800
	Manston	142	1024·9	-4	SW	3	r.r.	50	92	6	6	2	-	7·8	10	1500
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1022·7	-4	SWW	2	c	51	85	6	5	-	-	10	10	2500
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1024·6	-8	WSW	4	c	51	92	7	5	-	-	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1026·1	-2	SW'S	4	pr.	52	97	7	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	1025·9	-2	SWW	3	f	53	97	2	-	-	-	10	10	<150
	Guernsey	175	1027·8	-8	SW	2	c	51	92	8	8	-	-	10	10	2500
6	Pembroke	142	1023·1	0	W'S	3	F	51	97	1	-	-	-	10	10	<150
7	Holyhead	26	1021·7	+2	WNW	5	c	54	97	7	6	1	-	4·6	9	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1021·8	-4	W'S	3	0	51	92	7	5	-	-	10	10	1500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	106	1021·3	-4	-	0	0	48	85	6	5	-	-	10	10	800
11	Inchkeith	190	1021·5	+4	NNE	2	id.	46	92	8	5	-	-	7·8	7·8	2500
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	1020·6	+2	WNW	4	0	52	97	8	5	-	-	10	10	800
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13b	Stornoway	80	1019·1	+4	S	3	r.r.	47	97	6	5	2	-	7·8	10	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1021·0	-4	SSE	3	c	43	97	8	5	1	-	4·6	7·8	1500
16	Lerwick	156	1023·5	+2	NE	2	c	41	85	8	8	3	-	4·6	7·8	1500
17	Blacksod Point	18	1023·7	+10	W	2	c	49	85	7	5	-	-	10	10	800
18	Malin Head	84	1021·7	+16	W	2	c/d	49	97	6	8	-	-	9	9	2500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1024·6	+10	-	0	df	50	97	3	-	-	-	10	10	<150
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 ‡ (30)	Temperature Max. Day 7h–18h °F. (31)	Temperature Min. Night 18h–7h °F (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 6th Hrs. (36)
London (Kew)	1022·9	0	WSW	2	z.	54	92	6	5	-	-	10	10	1500	1	*	60	51	48	Tr	6	4·2
Croydon	1023·1	-4	W	3	c/r	53	97	6	6	2	-	9	10	450	1	*	61	50	48	-	7	5·9
S. Farnborough	1023·2	0	W	2	c/d	54	92	6	5	2	-	9+	10	800	1	*	63	50	47	Tr	5	2·6
Boscombe Down	1023·9	-2	W	3	c/d	53	97	6	5	-	-	10	10	800	1	*	57	51	47	Tr	1	0·0
Calshot (Sthmtn.)	1024·2	0	SWW	3	c	55	97	7	5	7	-	7·8	9+	450	1	2	61	50	49	Tr	1	0·4
Lympne	1023·7	-8	WSW	2	DD	50	97	4	3	-	-	10	10	<150	1	2	59	48	48	-	4	9·0
Manston	1022·8	-6	SW	2	r.r.	51	97	6	6	2	-	7·8	10	1500	1	*	62	49	48	-	2	10·6
Shoeburyness	1023·0	-4	WSW	2	d.d.	52	97	4	5	-	-	10	10	1500	1	*	65	50	49	-	3	10·0
Felixstowe	1022·8	-4	SW	2	r.r.	52	92	6	6	2	-	7·8	10	800	1	1	62	50	50	-	2	10·9
Gorleston	1021·6	-4	SWW	2	r.r.	52	97	5	6	-	-	10	10	1500	1	2	59	49	47	-	2	9·4
Mildenhall	1021·9	-4	W	3	r.r.	52	97	5	-	2	-	10	10	450	1	*	62	51	51	-	5	11·3
Cranwell	1021·6	+2	W'S	2	id.	52	97	5	6	2	-	9+	10	450	1	*	63	50	50	-	3	10·8
Birmingham	1022·3	+4	WNW	3	z.	52	97	5	5	-	-	10	10	1500	1	*	55	50	43	Tr	3	2·7
Upper Heyford	1023·1	+2	W	2	c	54	97	7	5	1	-	9	10	800	1	*	56	49	48	Tr	4	*
Ross-on-Wye	1022·9	+4	SW	3	c	56	92	8	8	6	-	7·8	9	2500	1	*	56	51	50	Tr	2	0·0
Portland Bill	1024·1	-6	W	3	of	51	92	2	5	-	-	10	10	<150	1	3	54	50	*	Tr	1	*
Plymouth	1025·1	-2	WSW	2	of	53	97	2	-	-	-	10	10	<150	1	1	54	52	51	0·3	0·3	0·0
The Lizard	1025·8	+6	W	2	oF	52	97	1	5	-	-	10	10	<150	1	1	57	51	*	0·4	0·6	*
Scilly (St. Mary's)	1026·5	+12	WNW	3	F	53	97	1	-	-	-	10	10	<150	1	2	55	51	*	0·3	0·2	0·0
Guernsey	1027·2	0	W'S	2	o	52	92	7	5	-	-	10	10	2500	0	2	57	50	48	Tr	-	0·0
Pembroke	1023·8	+4	N	2	c	52	97	7	5	7	-	4·6	9	2500	1	2	51	49	*	2	1	0·0
Holyhead	1023·6	+10	NWW	3	c	50	92	8	5	-	-	10	10	2500	1	2	53	49	47	1	2	0·0
Chester (Sealand)	1022·9	+10	W'N	4	id.	53	92	6	6	2	-	4·6	10	800	1	*	58	52	51	2	3	1·5
Manchester	1022·3	+8	W	3	c/d	52	97	4	6	2	-	7·8	10	450	1	*	58	51	51	Tr	6	5·0
Spurn Head	1021·5	0	WNW	2	of	51	97	3	5	-	-	10	10	220	1	1	57	47	*	-	2	10·1
Catterick	1021·4	+6	-	0	d.d.	52	97	5	5	2	-	9+	10	800	1	*	61	51	50	-	3	8·7
Tynemouth	1021·6	+8	NE	1	r.r.	47	92	6	-	2	-	10	10	1500	1	1	50	47	46	-	1	9·4
Inchkeith	1022·8	+4	NNE	2	o	45	97	7	5	-	-	10	10	1500	1	1	59	44	44	-	0·2	10·8
Leuchars	1022·0	+6	-	0	r.r.	46	92	6	6	2	-	9	10	800	1	*	58	44	41	-	1	12·4
Renfrew (Abbots L.)	1021·5	+4	WNW	1	z.	51	97	6	5	3	-	7·8	9+	1500	1	*	63	49	49	Tr	3	8·5
Eskdalemuir	1021·4	+4	-	0	c	50	92	7	5	-	-	9+	9+	1500	1	*	56	47	47	Tr	1	5·8
Point of Ayre	1022·6	+8	NW'W	3	d.d.	49	97	7	5	-	-	10	10	800	1	2	(53)	48	*	1	3	1·5
Tiree	1023·2	+18	NNW	3	c	47	92	8	5	-	-	10	10	2500	1	3	51	47	46	2	1	0·5
Stornoway	1022·0	+16	WNW	4	c	49	97	8	5	7	-	4·6	9+	1500	1	1	52	46	*	0·2	5	4·6
Dalwhinnie	1023·1	+6	S	1	z.	47	97	5	5	-	-	10	10	800	1	*	61	45	43	-	1	9·7
Aberdeen	1022·1	+8	S'W	2	c	44	92	6	5	7	-	9	9+	1500	0	1	50	40	33	-	-	12·8
Wick	1021·8	+4	SSE	3	pr.	45	97	8	5	7	-	7·8	9+	1500	1	2	47	43	*	0·2	Tr	*
Lerwick	1023·2	+2	SSW	2	c	42	85	8	5	-	-	7·8	7·8	1500	0	*	45	39	*	-	-	6·1
Blacksod Point	1024·9	+12	W	2	c	49	85	9	5	-	-	10	10	1500	0	2	54	45	*	2	Tr	*
Malin Head	1024·3	+14	W	2	c	48	92	7	4	-	-	9	9	2500	0	2	56	47	*	9	0·2	0·1
Aldergrove	1024·0	+10	WNW	1	dr	49	97	7	5	-	-	10	10	<150	1	*	56	49	46	1	0·3	0·4
Birr Castle	1024·8	+10	W	1	c	49	97	8	5	-	-	9+	9+	2500	1	*	60	49	49	3	-	0·0
Valentia Obsy. †	1025·7	+8	W	1	c	50	97	8	5	-	-	10	10	800	1	1	57	49	49	2	0·5	0·0
Roches Point	1025·5	+10	W	2	c	54	97	8	5	-	-	9	9	1500	1	3	54	52	*	3	Tr	*

PAST 24 HOURS.

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	bcbcy	cycprc	cr.r.	60	51	48	Tr	6	4·2	•	•	7
Croydon	217	bccy	cycz.y	cirr.r.	61	50	48	-	7	5·9	•	•	6
Greenwich (Royal Observatory)	149	cy	cy	cdr.c	63	50	45	-	4	4·6	59	90	6
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	4·5	•	•	•
Westminster (St. James' Park)	27	•	•	•	61	51	49	5		4·6	93	91	•
Regents Pk. (Botanic Gardens)‡	168	•	•	•	61	50	47	-	5	4·8	68	91	•
Camden Square	110	bc	ccp	•	65	49	49	-	4	•	•	89	•
Kensington	80	co	co	•	61	50	49	-	4	4·2	At 18h. 70	94	•
Hampstead Observatory	450	bc	cd	orm	60	48	40	-	5	6·1	•	96	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.	Kew Observatory Max.	Time.	Min.	Time.
0·3	8-10 h. 6th.	<0·3	2-4h. 7th	0·1	18-21 h. 6th.	<0·1	rest of period

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 6th May Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 7th May Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1026·9	WNW	2	c	61	1027·1	W	2	ir.	54	63	52	-	0·4
Brussels	1025·5	NW	2	b	54	1024·5	WSW	3	ir.	64	59	43	-	Tr
Berlin	1022·2	W	3	bc	55	1023·5	S	1	b	50	?	46	Tr	-
Zürich						1025·6	NNE	1	b	46		41		-
Rome	1015·8	-	0	bc	68	1019·1	NNE	3	b	63	*	*	?	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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.

TION	
1937.	
URS.	
FALL.	SUN-SHINE
Night 18h–7h mm.	6th Hrs.
(35)	(36)
6	4·2
7	5·9
5	2·6
1	0·0
1	0·4
4	9·0
2	10·6
3	10·0
2	10·9
2	9·4
5	11·3
3	10·8
3	2·7
4	*
2	0·0
1	*
0·3	0·0
0·6	*
0·2	0·0
-	0·0
1	0·0
2	0·0
3	1·5
6	5·0
2	10·1
3	8·7
1	9·4
0·2	10·8
1	12·4
3	8·5
1	5·8
3	1·5
1	0·5
5	4·6
1	9·7
-	12·8
Tr	*
-	6·1
Tr	*
0·2	0·1
0·3	0·4
-	0·0
0·5	0·0
Tr	*

, etc.

—Code for ...ility.

...ot visible at 55 yards.
20 „
50 „
100 „
1½ miles.
2½ „
6¼ „
12½ „
31 „
...yond 31m.

...Code for ...ea.

...y rough ...h.

...y high. ...ipitous. ...fused.

...ector.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 8th May, 1937.
No. 27561

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	°Temp. °F. (6)	%Humid. (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1022.4	-6	W	3	c	65	65	7	8	-	-	7-8	7-8	2500
	Croydon	1022.5	-6	NW'W	4	c	64	65	8	2	6	-	4-6	9	4000
	S. Farnborough	1022.3	-10	W'N	4	c	68	65	8	8	3	-	4-6	9+	2500
	Boscombe Down	1023.0	-10	W	3	c	65	65	8	8	7	-	9+	9+	1500
	Calshot (Sthmtn.)	1023.7	-6	SW	3	c	60	85	7	5	3	-	7-8	9+	1500
	Lympne	1022.6	-10	WSW	3	c	59	85	6	5	2	-	7-8	10	800
	Manston	1022.2	-2	WNW	2	d₀d₀	55	92	5	6	2	-	4-6	10	800
2	Shoeburyness	1022.1	-2	NW	2	PR	62	85	6	9	7	-	7-8	9+	1500
	Felixstowe	1022.3	-2	WSW	1	id₀	57	85	6	6	2	-	9	10	800
	Gorleston	1022.1	+6	-	0	f	52	97	2	-	-	-	10	10	<150
	Mildenhall	1021.9	+2	N	1	r₀r₀	55	97	5	6	-	-	10	10	450
	Cranwell	1022.3	+2	NW'W	2	DD	53	97	4	6	2	-	9+	10	450
3	Birmingham	1023.3	0	NNW	3	c	59	75	8	8	-	-	9	9	2500
4	Upper Heyford	1023.2	-2	NW'W	3	c	59	75	7	8	-	-	9+	9+	2500
	Ross-on-Wye	1022.5	-4	WNW	4	bc	62	65	9	7	-	-	4-6	4-6	4000
5	Portland Bill	1024.0	-4	W	2	c	54	92	7	4	-	-	7-8	7-8	2500
	Plymouth	1024.8	-8 (4)	W	3	pr₀	58	92	7	9	7	-	7-8	9	1500
	The Lizard	1025.7	0	W	3	if	55	97	3	5	1	-	7-8	9+	800
	Scilly (St. Mary's)	1026.7	0	WNW	2	f	55	97	3	-	-	-	10	10	<150
	Guernsey	1025.7	-12	WNW	3	o	56	92	6	5	-	-	10	10	1500
6	Pembroke	1024.0	0	NW	3	c	53	85	8	5	2	-	4-6	9+	2500
7	Holyhead	1024.6	+2	NW'W	3	c	53	85	8	8	-	-	9+	9+	2600
	Chester (Sealand)	1023.9	-2	W'N	4	c	54	85	7	6	2	-	7-8	10	1500
8	Manchester	1023.4	+2	WNW	4	id₀	53	85	6	9	3	-	9	10	1500
10	Spurn Head	1021.8	+2	ENE	2	m	52	97	4	5	-	-	10	10	220
	Catterick	1022.4	+2	NNW	1	dd	54	92	5	-	2	-	10	10	800
	Tynemouth	1022.5	+8	NE	1	m	48	92	4	-	2	-	10	10	1500
11	Inchkeith	1022.3	-2	NE	2	dF	48	92	1	5	-	-	10	10	<150
12	Leuchars	1023.3	+6	E	1	r₀r₀	50	92	6	6	2	-	9	10	800
	Renfrew (Abbots I.)	1022.2	0	WNW	2	c	60	75	9	7	-	-	9+	9+	4000
	Eskdalemuir	1022.3	+4	NW'W	3	c	54	85	7	5	-	-	10	10	1500
	Point of Ayre	1025.3	+2	NW'W	3	c	54	97	8	2	3	-	Tr	7-8	800
13A	Tiree	1024.6	+2	NNW	2	c	53	85	8	5	-	-	9+	9+	2500
13B	Stornoway	1024.1	+6	WNW	2	c	53	75	8	5	7	-	7-8	9+	2500
15	Dalwhinnie	1022.6	+2	NW	3	c	57	75	8	4	2	-	4-6	10	2500
	Aberdeen	1023.4	+6	SE'E	2	o	49	85	6	5	-	-	10	10	450
	Wick	1023.5	+6	SE	2	c	47	97	7	5	7	-	10	10	1500
16	Lerwick	1023.5	+2	SSW	3	bc	44	86	8	4	-	-	2-3	2-3	2500
17	Blacksod Point	1024.9	-4	SE	1	c	54	85	9	2	3	-	4-6	7-8	1500
18	Malin Head	1025.2	0	N	1	c	51	92	7	4	-	-	7-8	7-8	2600
	Aldergrove	1025.1	+4	N'W	2	c	54	92	8	5	-	-	9+	9+	1500
19	Birr Castle	1024.8	-2	NW	1	c	57	65	8	5	-	-	7-8	7-8	2500
20	Valentia Obey. †	1025.9	-2	W	3	iD	54	92	8	5	-	-	10	10	800
	Roches Point	1025.3	-4	WSW	3	bc	56	85	9	3	-	3	2-3	4-6	1500

OBSERVATIONS at 18h. G.M.T. 7th May — **PAST 24 HOURS**

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	°Temp. °F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)	Weather 7h.–13h. 7th (37)	Weather 13h.–18h. 7th (38)	Weather 18h. 7th to 1h. 8th (39)	Weather 1h.–7h. 8th (40)
London (Kew)	1021.6	-2	NNW	2	bc	64	65	7	1	-	-	4-6	4-6	4000	1	*	cm₀c	cbc	bccm₀	cm₀w
Croydon	1021.7	-4	NNW	2	c	63	65	7	8	6	-	7-8	9+	4000	1	*	cm₀c	cPRc	cm₀bcm₀w	mffm₀
S. Farnborough	1021.5	0	NNW	2	c	64	65	8	8	-	-	7-8	7-8	4000	1	*	cm₀c	cPRbcy	cbcwc	m₀cmo
Boscombe Down	1021.9	-6	WNW	4	bc	64	75	7	8	-	-	2-3	2-3	2500	0	*	om₀c	bc	bcc m₀	cm₀
Calshot (Sthmtn.)	1022.1	-6	SSW	4	c/pr	57	92	7	8	3	-	7-8	7-8	2500	1	§ 2	c	cbcPRm₀	cPR prbc	cir₀cm₀
Lympne	1022.1	+4	N	3	c	58	85	7	5	3	-	4-6	9+	2500	1	2 *	omd₀c	cm₀PRprc	cbcm₀	c,bifef
Manston	1021.3	-4	NE	1	z₀	55	92	5	5	2	-	7-8	10	450	1		or₀r₀mdd	od₀d₀m₀R₀	m₀FFe	FFocm₀
Shoeburyness	1021.9	0	NNE	1	c	57	85	6	8	7	-	7-8	9	2500	1	**	m₀ir₀Pc	PcPc	cm₀f	fm₀d₀dd
Felixstowe	1021.8	-2	NE'N	1	dd	54	92	4	5	-	-	10	10	450	1	1	r₀r₀id₀m₀	cRRodd	oddmcid	cm₀c
Gorleston	1022.1	0	NNE	2	c	48	92	6	5	-	-	10	10	2500	1	2 *	oir₀ff	ofoc	cpr₀c	c
Mildenhall	1021.6	-2	NW'N	2	ir₀	56	97	5	6	2	-	7-8	10	1500	1	*	r₀r₀idr₀r	r₀r₀d₀dir	ir₀iy m₀	ir₀cm₀
Cranwell	1022.4	+4	E	1	d₀d₀	52	97	4	6	-	-	10	10	450	1		rd₀d₀rr	cmdd₀D	d₀d₀ddd	cmdd
Birmingham	1022.9	0	N	3	bc	57	65	8	7	-	-	2-3	2-3	2500	0	*	c	cbc	bcc	cfe
Upper Heyford	1022.2	-2	N'W	3	z₀	61	65	6	8	-	-	4-6	4-6	4000	1	*	c	cbcz₀	bcbcm₀	bccmf
Ross-on-Wye	1021.8	-6	W'N	3	bc	62	55	9	2	-	2	1	2-3	4000	0	*	cbcc	bcvy	bcvebc	cocm₀
Portland Bill	1022.7	-6	W	2	c	54	92	7	4	4	-	4-6	7-8	2500	1	3	offc	proc	bc	bcc
Plymouth	1024.0	-6	NNW	3	c	59	75	9	4	4	8	4-6	7-8	4000	0	1	ofedcpr	cprbcq	bcc	c
The Lizard	1025.3	-2	W	2	m	54	97	4	5	-	-	10	10	800	0	2	FF	ifmco	omc	crffd
Scilly (St. Mary's)	1025.6	-4	W'N	1	jf	55	92	6	5	2	-	7-8	9+	1500	0	1	FF if	oifc	offif	offdf
Guernsey	1024.6	-10	W'N	3	m	54	92	4	5	-	-	10	10	1500	0	2	cid₀m	oim	ombcw	c
Pembroke	1024.3	-2	NW	1	c	51	85	8	5	7	-	4-6	9+	2500	1	2	c	c	bc	bccw
Holyhead	1023.8	-6	WNW	2	c	52	85	9	7	-	-	9+	9+	2500	1	1 *	c	c	cb	b,c
Chester (Sealand)	1023.4	-4	WNW	4	c	53	75	8	7	-	-	9+	9+	4000	1	*	d₀d₀m₀c	c	cbcc	cbccwm₀
Manchester	1023.3	+2	WNW	3	c	53	85	7	5	7	-	7-8	10	1500	1		cbccid₀	eid₀cm₀	ccm₀	cmddf
Spurn Head	1022.5	+6	E'N	2	c	45	97	7	5	2	-	4-6	9+	1500	1	1 *	from	mrc	co	o
Catterick	1022.7	+2	NE'N	1	id₀	50	97	5	5	-	-	10	10	450	1		mom₀dd	rddof	om₀dir₀	om₀
Tynemouth	1023.1	+2	SE	2	c	48	92	7	5	2	-	4-6	9	1500	1	1	or₀r₀m	omc	oid₀	o
Inchkeith	1023.1	+2	ENE	3	c	48	92	7	5	-	-	9+	9+	2500	1	2	ofd	dfc	c	c
Leuchars	1023.6	+2	E	2	z₀	48	92	6	6	2	-	9+	10	450	1	*	r₀r₀ir₀m₀	cir₀cm₀	cm₀r₀r₀c	cm₀
Renfrew (Abbots I.)	1021.8	0	ESE	1	z₀	60	75	6	8	-	-	9+	9+	4000	0	*	cm₀c	cvczz₀	cz₀	bccm₀
Eskdalemuir	1022.0	-2	ESE	2	c	55	85	5	5	-	-	9+	9+	1500	1	*	c	cm₀	ocid₀	od₀c
Point of Ayre	1023.3	-2	W'N	4	bc	52	85	8	-	3	2	0	4-6	-	1	1	d₀dc	cbc	bccbc	c
Tiree	1024.2	-4	NW'W	2	b	51	85	8	5	-	-	Tr	Tr	2500	0	2	c	cbcb	bwcb	cw
Stornoway	1024.3	0	SE	2	c	49	85	8	5	7	-	4-6	9	4000	1	1 *	c	c	cbc	bc
Dalwhinnie	1022.8	-2	NE	3	bc	56	75	8	4	6	1	2-3	4-6	2500	0		cido	ciR	*	cRrc
Aberdeen	1023.8	+4	S	2	z₀	47	92	6	5	7	-	7-8	9+	450	0	1	cz₀o	oz₀cz₀	od₀r₀	ofr₀fD
Wick	1023.5	+2	NW	4	c	49	97	5	5	7	-	7-8	10	1500	1	2 *	co	c	c	c
Lerwick	1023.9	+10	S	3	bc	46	85	8	5	9	-	4-6	4-6	1500	0		cbc	bc	coid₀m₀	c
Blacksod Point	1024.1	-10	N	2	c	52	75	9	4	-	-	7-8	7-8	1500	0	2	bc	bc	bc	c
Malin Head	1024.6	-4	N	1	bc	50	92	8	7	-	-	2-3	2-3	7500	0	0	cbc	cbc	bc	bcc
Aldergrove	1024.1	-2	N'W	2	c	55	75	6	-	-	2	0	7-8	-	1	*	id₀c	cbc	bcb	bbwff
Birr Castle	1023.7	-8	W'S	1	c	56	65	8	5	-	5	2-3	9	4000	0	*	c	c	cbc	bcc
Valentia Obey. †	1024.2	-10	W'N	2	c	56	92	8	5	-	-	9+	9+	1500	1	1	cciD	ciDc	c	cwe
Roches Point	1023.8	-12	W	3	c/f	54	97	6	5	-	3	7-8	9	1500	1	3	cbcv	cifc	ifoffe	offec

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 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.*

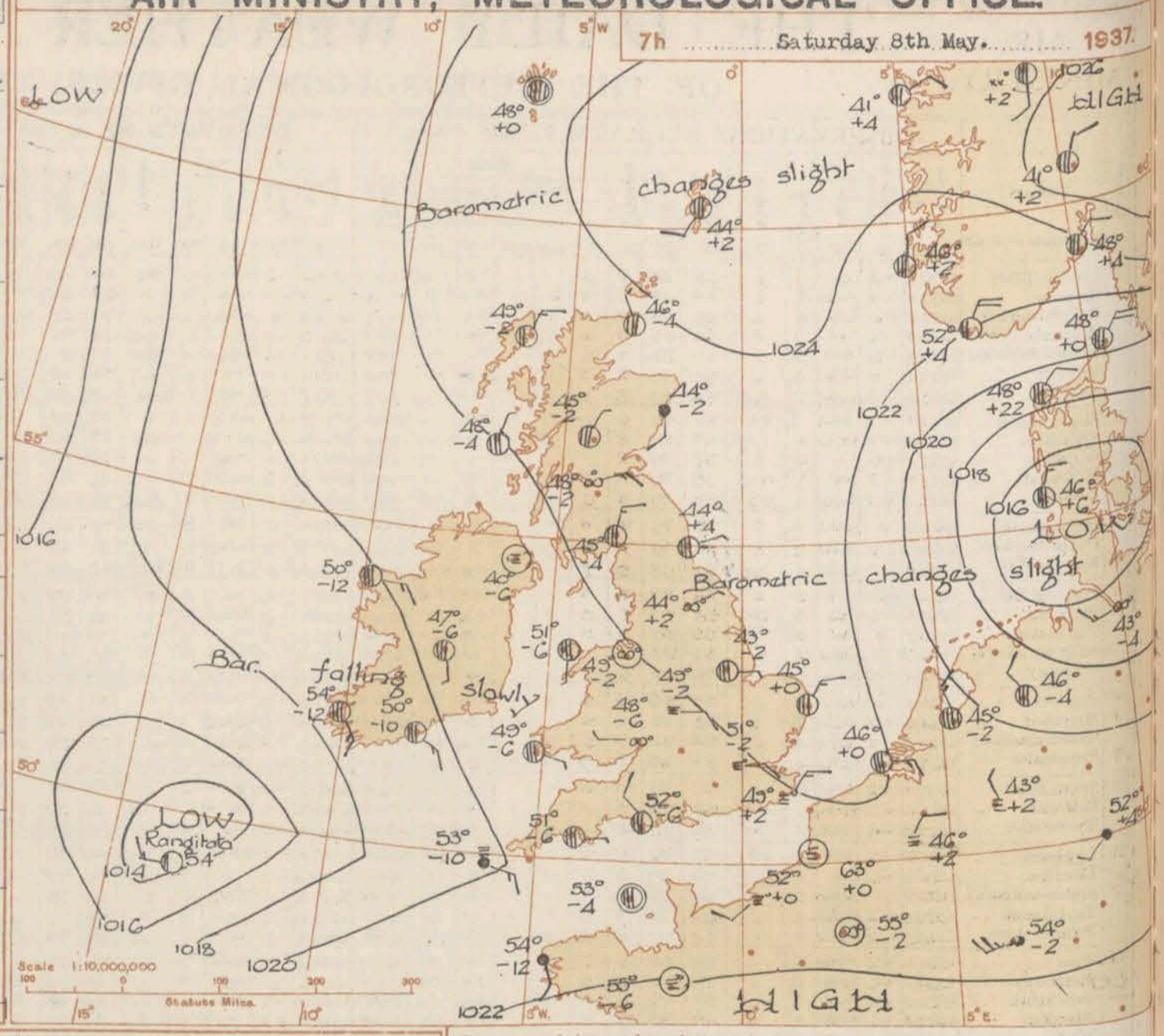
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 7th May 1937.

Districts	Stations	Weather Forenoon	Weather Afternoon	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.	o	bcopc	49	67	6	Trace	2·5	5·7
	Bournemouth	r₀c	cebcb	50	66	1	0·3	1·5	0·9
	Ventnor ...	pomc	₀b	49	62	1	–	4·3	2·0
	Southsea ...	op₀o	bcrp	51	67	1	·1	3·5	1·0
	Bognor Regis	oocc	bcdr	51	59	3	2	2·0	1·0
	Littlehampton	oc	cpc	51	58	2	1	1·4	3·5
	Worthing ...	c	ebcp	51	60	4	1	1·2	4·6
	Brighton ...	c	cpcbc	51	57	5	Trace	1·0	4·9
	Eastbourne† ...	o	ocbcc	50	60	8	–	2·1	7·0
	Hastings† ...	ooc	bcbcp	50	59	6	0·3	2·4	6·5
	Folkestone ...	omir	oRtlc	50	59	4	8	0·1	8·5
	Dover ...	oir	iRc	50	60	3	15	0·0	8·5
	Deal	rroo	rocor	50	61	2	2	0·5	9·5
	Ramsgate ...	dc	dcrc	50	59	2	5	0·1	10·5
	Margate ...	cd	cr	50	57	2	4	0·0	10·3
2	Southend ...	omc	cotlr	50	64	3	6	0·3	3·1
	Maldon ...	ro	c	51	61	2	–	0·3	10·2
	Clacton-on-Sea	odm	idrc	50	58	4	2	0·0	10·1
	Dovercourt ...	bcroc	roc	51	58	4	4	0·0	10·8
	Lowestoft ...	cir	clrm	43	55	3	1	(6·3)	6·3
	Skegness ...	or₀r₀	or₀o	51	54	2	3	0·0	11·0
	Mablethorpe...	orm	odom	49	54	3	3	0·0	10·1
	Cleethorpes ...	or₀	or₀	50	54	3	3	0·0	11·0
3	Leamington S.	oc	cbc	46	63	–	–	3·6	3·0
4	Cheltenham†	c	bcb	50	67	3	–	5·1	0·3
5	Bath	cbc	cp₀b	52	66	2	Trace	2·8	0·7
	Weymouth ...	c	c	51	59	1	–	0·7	0·1
	Jersey ...	dc	oc	50	56	Trace	Trace	0·0	0·1
	Torquay ...	bcc	c	52	66	2	–	1·3	0·0
	Penzance ...	c	bcc	52	63	0·5	–	1·8	0·1
	St. Ives ...	c	o	49	57	Trace	Trace	0·1	0·1
	Bude... ...	c	c	51	56	3	–	1·2	0·0
	Ilfracombe ...	rro	cbcc	51	57	3	–	2·8	0·0
6	Aberystwyth	prfoc	cbc	49	57	3	–	1·8	0·0
7	Llandudno ...	cdr₀c	c	50	56	2	Trace	0·6	0·0
	Colwyn Bay...	oc	ccbcb	50	56	0·5	–	0·1	0·0
	Rhyl	ocr₀	cbcb	50	54	3	Trace	0·7	0·3
8	Wallasey ...	oc	c	50	54	3	–	0·0	2·1
	Southport ...	pcodo	oc	51	55	5	Trace	0·2	3·4
	Blackpool ...	ocod	od₀c	50	54	5	Trace	1·0	4·1
	Morecambe ...	cbcc	c	51	57	4	–	1·1	6·0
9	Ilkley... ...	od₀o	o	50	57	5	Trace	0·0	7·7
	Harrogate ...	ocdd	ocdd	51	55	6	2	0·0	8·1
10	Berwick-on-T.	o	oc	45	48	1	–	0·0	12·6
11	Dunbar ...	or₀m₀	bc	44	51	1	Trace	0·6	12·8
12	Troon... ...	occoc	cbcbc	49	57	2	–	3·0	6·9
	Douglas ...	bcd₀	bc	47	56	2	Trace	6·4	0·5

† 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. 8th May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light easterly to variable winds; cloudy, local drizzle; local coast fog; average temperature.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Freshening south to southwest winds; cloudy, occasional slight rain or drizzle; local coastal fog; rather mild.
10 N.E. England 11 S.E. Scotland	Light southeasterly to variable then southerly winds, freshening; fair at first, occasional rain later; local coastal fog; average temperature.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland	Light variable winds, freshening from south; bright periods at first; cloudy with rain at times later; rather mild.
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 to moderate southeasterly winds, freshening from south later; cloudy, occasional rain; rather mild.

GENERAL INFERENCE.

Pressure is high to the northeast of the British Isles and depressions are centred over Denmark and off Southwest Ireland. Weather will be mainly cloudy with local drizzle, particularly in eastern coastal districts. Rain will later spread northeastwards across the country.

FURTHER OUTLOOK.

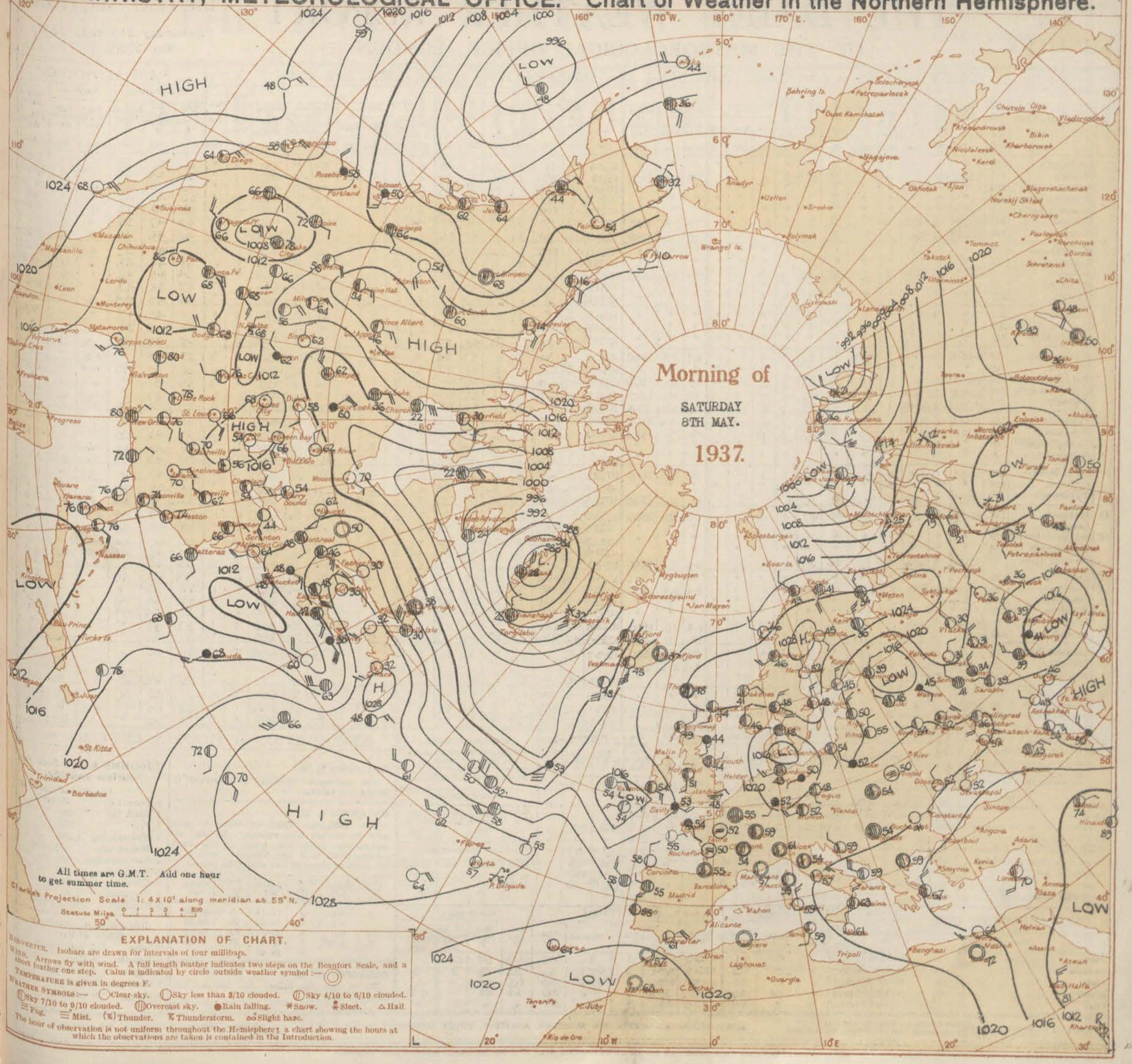
Rain at times in the North and West; doubtful in the Southeast.

Forecasts issued at 0930 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.



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.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 8th May, 1937.
No. 27561

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1022·2	-2	-	0	z.	51	97	5	5	-	-	7·8	7·8	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1022·3	-6	NNE	2	if	50	97	3	5	-	-	7·8	7·8	800
	Manston ...	142	1021·7	0	ENE	2	F	50	97	1	-	-	-	10	10	<150
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1022·9	0	NNW	3	c	45	85	7	5	-	-	9+	9+	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1022·4	-6	NW	3	bc	52	92	8	4	-	-	2·3	2·3	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1023·5	-10	-	0	c	52	97	7	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	1022·8	-20	SE'S	2	if	52	97	2	-	-	-	10	10	<150
	Guernsey ..	175	1023·6	-8	WNW	1	jf	52	97	7	8	-	-	10	10	2500
6	Pembroke ...	142	1022·3	-6	NW'W	1	bc	50	92	8	5	-	-	4·6	4·6	4000
7	Holyhead ...	26	1022·6	-8	NW	1	b	48	97	8	7 5	-	-	Tr	Tr	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1023·5	0	NE	2	0	44	92	7	5	-	-	10	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1023·7	-2	SE	2	c/d	44	92	7	-	2	-	10	10	1500
11	Inchkeith ...	190	1023·9	+2	E	3	c	45	97	8	5	2	-	2·3	10	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1022·7	-4	WNW	2	bc	46	97	8	4	-	-	4·6	4·6	4000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1023·8	-4	ESE	2	bc	45	92	7	5	7	-	4·6	4·6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	77	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1024·4	-2	NNW	2	c	46	97	7	5	7	-	7·8	10	1500
16	Lerwick ...	156	1024·2	-2	SSW	2	id.	45	97	5	5	-	-	10	10	220
17	Blacksod Point	18	1022·2	-16	NE	3	bc	50	92	8	4	-	-	4·6	4·6	1500
18	Malin Head ...	81	1023·5	-10	S	1	bc	43	97	8	5	-	-	2·3	2·3	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ..	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1021·6	-6	S	2	c	53	97	8	5	-	-	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)
1	London (Kew)	1021·4	-2	N	2	z.	53	85	5	5	-	-	9+	9+	800	1	*
	Croydon ...	1021·5	-2	E'N	2	m	51	97	4	5	-	-	10	10	450	1	*
	S. Farnborough	1021·2	-2	E'N	1	z.	51	92	5	5	-	-	10	10	450	1	*
	Boscombe Down	1021·2	-6	N'E	2	z.	48	97	5	5	1	-	7·8	9	2500	0	*
	Calshot (Sthmtn.)	1021·0	-2	ENE	1	c	54	92	5	5	-	-	10	10	800	1	1
	Lympne ...	1021·9	+2	NE	3	m/f	49	97	4	5	-	-	10	10	<150	1	§ 1
	Manston ...	1021·9	·6	NE	3	c	47	85	6	5	-	-	10	10	2500	1	*
2	Shoeburyness ...	1022·2	+2	ENE	3	d.d.	47	92	6	5	-	-	10	10	1500	1	*
	Felixstowe ...	1022·8	+4	NEN	3	c	45	85	7	5	1	-	7·8	10	1500	1	1
	Gorleston ...	1022·6	0	NE	3	c	45	85	6	5	-	-	10	10	2500	1	2
	Mildenhall ...	1022·5	+2	ESE	2	z.	45	92	5	5	-	-	10	10	450	1	*
	Cranwell ...	1022·6	-2	E	1	c/d	43	97	6	6	2	-	9	10	800	1	*
3	Birmingham ...	1021·3	-2	E	2	F	49	97	1	-	-	-	10	10	<150	0	*
	Upper Heyford	1021·8	-2	ENE	2	f-	48	97	3	5	-	-	10	10	<150	1	*
4	Ross-on-Wye	1021·3	-6	W	1	z.	48	97	6	5	-	-	10	10	4000	0	*
5	Portland Bill ...	1020·8	-6	NW	2	c	52	85	8	4	4	-	4-6	7-8	2500	0	3
	Plymouth ...	1020·9	-6	E'N	1	c	51	92	8	5	-	-	10	10	1500	0	0
	The Lizard ...	1020·6	-10	E'N	1	f+	52	97	2	5	-	-	10	10	450	1	2
	Scilly (St. Mary's)	1019·9	-10	SE'E	3	df	53	97	2	-	-	-	10	10	<150	1	1
	Guernsey ..	1022·4	-4	-	0	c	53	85	9	5	-	-	9+	9+	2500	0	0
6	Pembroke ...	1020·6	-6	ESE	1	c	49	92	8	5	-	-	9+	9+	4000	1	1
7	Holyhead ...	1021·0	-6	S	1	c	51	92	8	5	-	-	9	9	2500	0	1
	Chester (Sealand)	1021·7	-2	-	0	z.	49	85	6	5	3	-	7-8	9+	4000	1	*
8	Manchester ...	1021·9	-2	ENE	2	f	49	97	3	5	-	-	10	10	450	1	*
10	Spurn Head ...	1022·9	0	NE'E	2	0	45	85	8	5	-	-	10	10	1500	0	1
	Catterick ...	1023·3	+2	NE'E	1	z.	44	85	6	5	2	-	9+	10	1500	1	*
	Tynemouth ...	1023·6	+4	ENE	1	c	44	75	7	-	2	-	10	10	1500	1	1
11	Inchkeith ...	1023·9	0	E	2	c	45	97	7	5	-	-	9+	9+	2500	0	1
	Leuchars ...	1023·5	-2	ESE	2	c	45	92	6	5	-	-	10	10	450	1	*
12	Renfrew (Abbots I.)	1022·3	-2	ENE	3	z.	48	85	6	5	3	-	7·8	9+	2500	0	*
	Eskdalemuir ...	1022·4	-4	NE'N	3	c	45	92	6	5	-	-	10	10	450	1	*
	Point of Ayre...	1021·4	-2	-	0	c	49	97	8	5	6	-	4-6	7-8	4000	0	0
13A	Tiree	1021·4	-4	NNE	1	c	48	92	8	5	4	8	Tr	9+	2500	0	1
13B	Stornoway ...	1022·6	-2	NE	3	bc	49	85	8	5	7	5	4-6	4-6	2500	1	1
15	Dalwhinnie ...	1023·5	-2	NE	1	c	45	97	5	5	-	-	10	10	800	1	*
	Aberdeen ...	1023·2	-2	S'E	2	Dr	44	97	4	5	-	-	10	10	<150	1	1
	Wick ...	1023·8	-4	NNW	1	c	46	85	7	5	-	-	9+	9+	800	1	1
16	Lerwick ...	1024·4	+2	SSW	2	c	44	92	8	8	2	-	7-8	7-8	800	0	*
17	Blacksod Point	1019·7	-12	E	3	c	50	85	8	5	-	-	7-8	7-8	1500	0	2
18	Malin Head ...	1023·4	-4	N	1	c	47	97	7	4	-	-	7-8	7-8	2500	0	7
	Aldergrove ...	1021·6	-10	-	0	f	40	97	2	-	-	-	0	0	-	1	*
19	Birr Castle ..	1020·1	-6	SSE	1	c	47	97	8	5	-	5	2-3	9	4000	0	*
20	Valentia Obsy. †	1018·1	-12	SE'E	3	c	54	85	9	5	-	-	9+	9+	2500	1	1
	Roches Point	1019·5	-10	ESE	3	c	50	97	8	5	-	-	9+	9+	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 7th Hrs. (36)
1	London (Kew)	66	50	39	-	-	5·4
	Croydon ...	68	49	44	1	-	4·2
	S. Farnborough	70	50	45	1	-	4·7
	Boscombe Down	66	43	40	-	-	5·0
	Calshot (Sthmtn.)	65	49	48	4	2	3·0
	Lympne ...	62	47	39	4	Tr	1·1
	Manston ...	60	46	43	7	Tr	0·3
2	Shoeburyness ...	62	47	42	4	0·1	0·5
	Felixstowe ...	58	44	43	6	0·1	0·0
	Gorleston ...	54	44	44	1	Tr	0·7
	Mildenhall ...	57	43	42	1	0·4	0·0
	Cranwell ...	56	43	44	3	1	0·0
3	Birmingham ...	61	49	47	-	-	5·7
	Upper Heyford	63	45	38	-	-	*
4	Ross-on-Wye	65	45	40	-	-	9·1
5	Portland Bill ...	55	49	*	0·5	-	*
	Plymouth ...	61	50	45	0·4	-	2·0
	The Lizard ...	59	51	*	0·1	1	*
	Scilly (St. Mary's)	57	52	*	-	0·1	0·2
	Guernsey ..	59	50	48	Tr	-	0·3
6	Pembroke ...	55	44	*	-	-	0·0
7	Holyhead ...	54	46	39	-	-	1·1
	Chester (Sealand)	55	43	42	Tr	-	0·9
8	Manchester ...	57	49	48	Tr	0·5	1·1
10	Spurn Head ...	53	43	*	3	-	0·0
	Catterick ...	54	43	43	2	1	0·0
	Tynemouth ...	49	43	43	2	Tr	0·6
11	Inchkeith ...	50	44	44	0·5	-	1·5
	Leuchars ...	52	43	43	0·6	0·2	0·1
12	Renfrew (Abbots I.)	64	46	44	-	-	1·6
	Eskdalemuir ...	55	45	44	Tr	Tr	0·0
	Point of Ayre...	55	45	*	0·1	-	2·1
13A	Tiree	54	45	40	-	Tr	5·1
13B	Stornoway ...	55	42	*	-	-	2·8
15	Dalwhinnie ...	57	44	44	1	8	1·3
	Aberdeen ...	51	44	44	-	1	0·1
	Wick ...	52	45	*	2	-	*
16	Lerwick ...	47	43	*	-	Tr	11·1
17	Blacksod Point	55	46	*	-	-	*
18	Malin Head ...	52	47	*	-	-	17
	Aldergrove ...	58	36	29	0·1	Tr	5·8
19	Birr Castle ..	61	40	31	-	-	4·4
20	Valentia Obsy. †	59	50	43	0·2	Tr	0·3
	Roches Point	56	50	*	-	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	cm.c	cbc	bccm.r	66	50	39	-	-	5·4	•	•	5
Croydon ...	217	cm.c	cPRc	bcmfm.	68	49	44	1	-	4·2	•	•	5
Greenwich (Royal Observatory) ...	149	c	cp	cbcfd.	65	48	38	Tr	Tr	1·7	63	92	5
City (Bunhill Row) ...	—	•	•	•	•	•	•	•	•	2·8	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	69	49	46	-		3·6	61	87	•
Regents Pk. (Botanic Gardens)‡ ...	168	•	•	•	67	48	41	-	Tr	4·0	63	93	•
Camden Square ...	110	c	cbc	•	68	49	45	-	Tr	•	•	90	•
Kensington ...	80	cobc	bc	•	68	49	41	-	-	3·9	64 At 18h.	93	•
Hampstead Observatory ...	430									4·0	•		•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
0·5	20-23h 7th	<0·3	14-17h 7th

Kew Observatory Max.	Time.	Min.	Time.
0·2	23h 7th	<0·1	13h 7th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 7th May Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 8th May Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris ...	1023·5	W	2	c	61	1021·3	-	0	z.	55	63	54	0·1	-
Brussels ...	1021·1	WSW	2	0	55	1021·2	NNE	2	c/r	46	55	46	3	3
Berlin ...	1020·7	NW	2	c	55	1018·5	W'S	1	r. r.	50	63	48	-	1
Zurich ...	1022·7	NW	4	bc	59	1022·2	SE'E	1	c/r	50	66	48	-	0·2
Rome ...	1018·1	WNW	3	b	64	1019·7	NE	3	b	57	*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 9th May, 1937.
No. 27562

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

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)	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)	1020·4	−4	ENE	3	zo	53	75	5	5	-	-	10	10	800
	Croydon ...	1020·4	−10	ENE	3	zo	52	85	6	5	-	-	10	10	800
	S. Farnborough	1019·6	−10	ENE	3	zo	57	75	5	5	-	-	10	10	2500
	Boscombe Down	1019·3	−10	ESE	3	zo	55	85	5	5	-	-	10	10	800
	Calshot (Sthmtn.)	1019·6	−6	ESE	4	oF	52	97	3	5	-	-	10	10	220
	Lympne ...	1021·0	−6	NE	2	zo	51	85	6	5	-	-	10	10	1500
	Manston ...	1021·1	−4	NE	3	c	50	85	6	5	1	-	4-6	10 [9+]	800
2	Shoeburyness ...	1021·7	−4	ENE	3	c	51	75	8	8	7	-	7-8	9+	1500
	Felixstowe ...	1022·2	−6	E'N	3	zo	49	75	6	5	2	-	7-8	10	1500
	Gorleston ...	1022·2	−2	NNE	2	c	47	65	7	5	-	-	9	9	2500
	Mildenhall ...	1021·4	−10	NE	2	c	53	65	8	5	-	-	9	9	2500
	Cranwell ...	1021·6	−10	NE	3	c	51	75	8	7	4	-	7-8	7-8	2500
3	Birmingham ...	1020·9	−6	E	3	o	47	92	5	5	-	-	10	10	450
4	Upper Heyford	1020·1	−16	E'N	3	zo	54	75	6	5	-	-	10	10	1500
	Ross-on-Wye	1018·8	−12	ENE	3	m	56	85	4	5	-	-	9	9	1500
5	Portland Bill ...	1020·1	−10	SW	3	c	55	85	8	4	4	-	4-6	7-8	2500
	Plymouth ...	1019·1	−10	SSE	2	c	54	85	8	5	2	-	2-3	10	2500
	The Lizard ...	1017·7	−20	E'N	3	rf	54	97	2	5	-	-	10	10	450
	Scilly (St. Mary's)	1016·7	−16	SE'E	4	c/f	55	97	7	5	-	-	10	10	1500
	Guernsey ...	1020·0	−18	SE'E	1	c	55	85	8	8	2	-	7-8	10	2500
6	Pembroke ...	1018·2	−16	S	1	bc	55	75	8	5	6	2	2-3	4-6	4000
7	Holyhead ...	1018·9	−12	NE'N	3	c	53	85	8	7	-	-	9	9	2500
	Chester (Sealand)	1020·5	−14	E'S	3	zo	51	85	6	5	-	-	10	10	800
8	Manchester ...	1021·0	−10	SSE	2	zo	49	92	5	5	-	-	10	10	1500
10	Spurn Head ...	1023·3	−2	ENE	2	c	48	75	7	5	-	-	9+	9+	800
	Catterick ...	1022·1	−8	SE'E	1	c	48	75	8	5	-	-	10	10	1500
	Tynemouth ...	1022·4	−8	E	2	bc	48	75	8	7	-	1	4-6	4-6	2500
11	Inchkeith ...	1022·7	−8	ENE	4	c	49	85	8	5	9	-	2-3	7-8	2500
	Leuchars ...	1022·6	−6	E	3	c	47	75	7	5	-	-	9+	9+	800
12	Renfrew (Abbots I.)	1020·3	−12	ENE	4	c	57	75	7	5	3	-	7-8	9+	4000
	Eskdalemuir ...	1019·6	−20	NE'E	3	bc	58	65	8	7	4	1	2-3	2-3	4000
	Point of Ayre ...	1019·9	−10	S'W	3	c	55	85	6	-	8	-	0	7-8	-
13A	Tiree ...	1019·6	−10	SSE	2	c	57	75	7	7	7	-	4-6	7-8	4000
13B	Stornoway ...	1020·6	−10	ESE	2	bc	54	75	8	1	7	1	1	4-6	4000
15	Dalwhinnie ...	1021·2	−4	S	3	c	51	85	6	5	2	-	4-6	10	1500
	Aberdeen ...	1022·3	−6	SSE	3	o	46	85	6	5	-	-	10	10	800
	Wick ...	1022·0	−8	S	2	c	48	97	6	5	2	-	9+	10	800
16	Lerwick ...	1024·2	−2	SE	1	c	46	92	8	5	5	9	4-6	7-8	1500
17	Blacksod Point	1016·2	−20	SE	3	c	60	65	9	-	7	-	0	7-8	-
18	Malin Head ...	1018·9	−12	NE	3	f	46	97	2	8	-	-	7-8	7-8	2500
	Aldergrove ...	1018·9	−14	N'E	2	zo	56	85	6	5	-	-	9+	9+	1500
19	Birr Castle ...	1017·1	−16	SSE	1	bc	59	65	8	4	-	1	4-6	4-6	4000
20	Valentia Obsy. †	1014·6	−2	E'S	4	r	57	75	8	5	1	-	7-8	10	1500
	Roches Point	1016·8	−18	ESE	4	dd	52	97	5	5	-	-	10	10	450

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

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)	Cloud. Form. Med. (24)	Cloud. Form. High. (25)	Cloud. Amount Low 0–10 (26)	Cloud. Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
London (Kew)	1019·7	−10	E'S	2	zo	52	75	5	5	-	-	10	10	1500	1	*
Croydon	1019·0	−4	E'N	3	zo	50	85	6	5	2	-	9	10	1500	1	*
S. Farnborough	1018·2	−10	E'N	2	c/r	52	92	5	5	-	-	10	10	1500	1	*
Boscombe Down	1017·3	−10	SE'E	3	zo	53	92	6	6	2	-	9+	10	800	0	*
Calshot (Sthmtn.)	1017·8	−8	E'S	4	zo	52	92	6	5	-	-	10	10	450	1	§ 3
Lympne	1019·7	−4	NE	3	zo	47	85	6	5	-	-	9+	9+	2500	1	2 *
Manston	1019·6	−10	ENE	4	c	46	75	7	5	2	-	9	10	1500	1	
Shoeburyness	1020·0	−10	ENE	3	c	47	75	7	5	-	-	9+	9+	2500	1	*
Felixstowe	1020·6	−8	NE'E	3	zo	46	75	6	5	2	-	9	10	1500	1	1
Gorleston	1020·3	−12	N'E	2	c	47	75	7	5	-	-	9	9	2500	0	2
Mildenhall	1018·4	−10	E	3	bc	53	65	8	5	-	-	4-6	4-6	2500	0	*
Cranwell	1019·8	−10	E'N	3	c	49	85	8	7	-	-	9	9	2500	1	*
Birmingham	1018·3	−12	ESE	3	c	51	85	6	5	-	-	10	10	1500	1	*
Upper Heyford	1018·5	−10	ENE	2	zo	52	85	6	5	-	-	10	10	1500	1	*
Ross-on-Wye	1016·6	−14	E	4	zo	55	85	5	5	-	-	10	10	800	0	*
Portland Bill	1016·6	−16	SW	3	iro	51	92	7	4	-	-	10	10	2500	1	3
Plymouth	1015·8	−20	ESE	3	dd	53	97	6	6	-	-	10	10	450	1	1
The Lizard	1014·2	−14	E'S	2	cf-	52	97	3	5	-	-	10	10	800	1	2
Scilly (St. Mary's)	1014·1	−18	S'W	3	F	54	97	1	-	-	-	10	10	<150	1	2
Guernsey	1017·4	−12	SE'S	1	roro	54	97	4	5	-	-	10	10	1500	1	1
Pembroke	1014·5	−14	SE	1	c	52	75	8	5	6	-	4-6	9+	2500	0	1
Holyhead	1015·0	−22	E'N	3	bc	54	92	6	1	8	-	4-6	4-6	2500	0	1 *
Chester (Sealand)	1018·2	−14	E'S	4	zo	50	75	5	5	-	-	10	10	1500	0	*
Manchester	1018·4	−14	SE	2	zo	52	85	5	5	-	-	10	10	1500	1	
Spurn Head	1020·7	−10	ENE	3	c	45	75	7	5	-	-	9+	9+	1500	0	2 *
Catterick	1019·6	−14	NE'N	2	zo	51	75	5	7	-	-	7-8	7-8	4000	1	
Tynemouth	1020·5	−8	SE	3	bc	46	75	8	2	-	-	2-3	2-3	1500	0	1
Inchkeith	1020·3	−12	NE	4	bc	47	85	8	5	-	4	2-3	4-6	2500	0	3
Leuchars	1020·8	−12	E	3	c	47	85	9	5	-	-	9+	9+	1500	1	*
Renfrew (Abbots I.)	1018·1	−4	E'N	4	c	53	65	7	5	3	-	4-6	7-8	5700	0	*
Eskdalemuir	1018·0	−6	ESE	3	b	54	65	6	7	-	1	1	1	4000	0	*
Point of Ayre	1017·6	−14	S	1	bc	52	92	6	-	8	-	0	4-6	-	0	1
Tiree	1016·4	−16	SE	3	c	55	75	7	5	1	-	4-6	9	4000	0	1
Stornoway	1017·9	−18	NE	3	b	53	75	8	1	-	-	1	1	4000	1	1 *
Dalwhinnie	1019·4	−16	S	4	c	51	75	7	4	6	7	1	10	2500	0	
Aberdeen	1021·2	−8	SSE	3	c	45	85	7	5	4	-	7-8	7-8	1500	0	1
Wick	1021·1	−8	ESE	3	c	45	97	7	5	2	-	7-8	10	800	1	2 *
Lerwick	1024·2	0	SE	2	c	44	85	8	5	2	-	7-8	10	1500	0	
Blacksod Point	1012·7	−20	E	3	c	59	75	9	-	7	-	0	7-8	-	0	2
Malin Head	1015·2	−26	ESE	3	b	55	75	7	1	-	-	1	1	2500	0	1
Aldergrove	1016·4	−10	N'E	2	bc	56	65	7	7	-	-	2-3	2-3	2500	1	*
Birr Castle	1013·8	−14	SSE	1	c	57	65	8	5	-	-	7-8	7-8	2500	0	*
Valentia Obsy. †	1010·8	−22	E'S	5	iro	56	85	8	6	2	-	7-8	10	1500	1	2
Roches Point	1012·8	−20	ESE	4	dr	52	97	5	5	-	-	10	10	450	1	3

PAST 24 HOURS.

Stations.	Weather. 7h.—13h. 8th (37)	Weather. 13h.—18h. 8th (38)	Weather. 18h. 8th to 1h. 9th (39)	Weather. 1h.—7h. 9th (40)
London (Kew)	cmozo	czoozo	ozo	ocroro
Croydon	omoocm	omocm	cmoc	crorom
S. Farnborough	ocmoc	oiromo	oiromo	rorrromo
Boscombe Down	cmoomo	omocm	cmororom	crororrm
Calshot (Sthmtn.)	cmfeoff	cffem	cmidororm	oddrorm
Lympne	omocmo	cmo	cmoc	coiro
Manston	cmodo	cmoc	c	c
Shoeburyness	idocmoc	c	c	c
Felixstowe	ccmo	ccmo	cmoc	ccmo
Gorleston	cbc	c	c	cbcc
Mildenhall	cmoc	cbc	bc	cido
Cranwell	c	cbcc	cbc	bccmo
Birmingham	fdodoo	oc	cbcc	co
Upper Heyford	ofdomfc	czo	como	omocroro
Ross-on-Wye	cmoom	bcmczom	omorom	romorm
Portland Bill	c	ciro	rr	Rrc
Plymouth	c	crorom	ddrrmo	rromor
The Lizard	ifrfr	iffR	fFrc	cmprc
Scilly (St. Mary's)	frofrf	dFF	ofoc	cidoif
Guernsey	cido	codrm	[eR] Frorm	crrc
Pembroke	cbc	bcc	cirqc	cqirc
Holyhead	cbbcc	c,bcmo	cmobc	bcrcmo
Chester (Sealand)	cmodo	cmo	cmo	cmo
Manchester	oidffrodo	oirocmo	cmo	cmo
Spurn Head	oc	c	co	o
Catterick	omoc	cbczo	bczobw	bwomom
Tynemouth	ocbc	bc	o	o
Inchkeith	c	cbc	c	c
Leuchars	cmoomo	c	como	omo
Renfrew (Abbots I.)	cmozoc	cbcy	cmo	cmo
Eskdalemuir	idocbc	bcbzo	bzobmo	bbcc
Point of Ayre	cz	cbcz	bczbc	oc
Tiree	c	c	cbc	bc
Stornoway	bc	bcb	b,c	cbc
Dalwhinnie	c	c		bcc
Aberdeen	Droo	obcc	cozo	omo
Wick	cmo	cmoc	c	c
Lerwick	c	c	c	c
Blacksod Point	bc	c	bc	prc
Malin Head	cwm	czo	bc	c
Aldergrove	bfcbc	cmocbc	bcc	crrorc
Birr Castle	cbc	bcc	c	ciro
Valentia Obsy. †	ccr	rororo	iroprc	cprc
Roches Point	codd	dddrdr	drdr	drffec

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/so, slight storm of drifting snow (generally low).
k/S, heavy storm of drifting snow (generally low).
so/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. ro, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ♁ lunar halo. ⸗ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 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.*

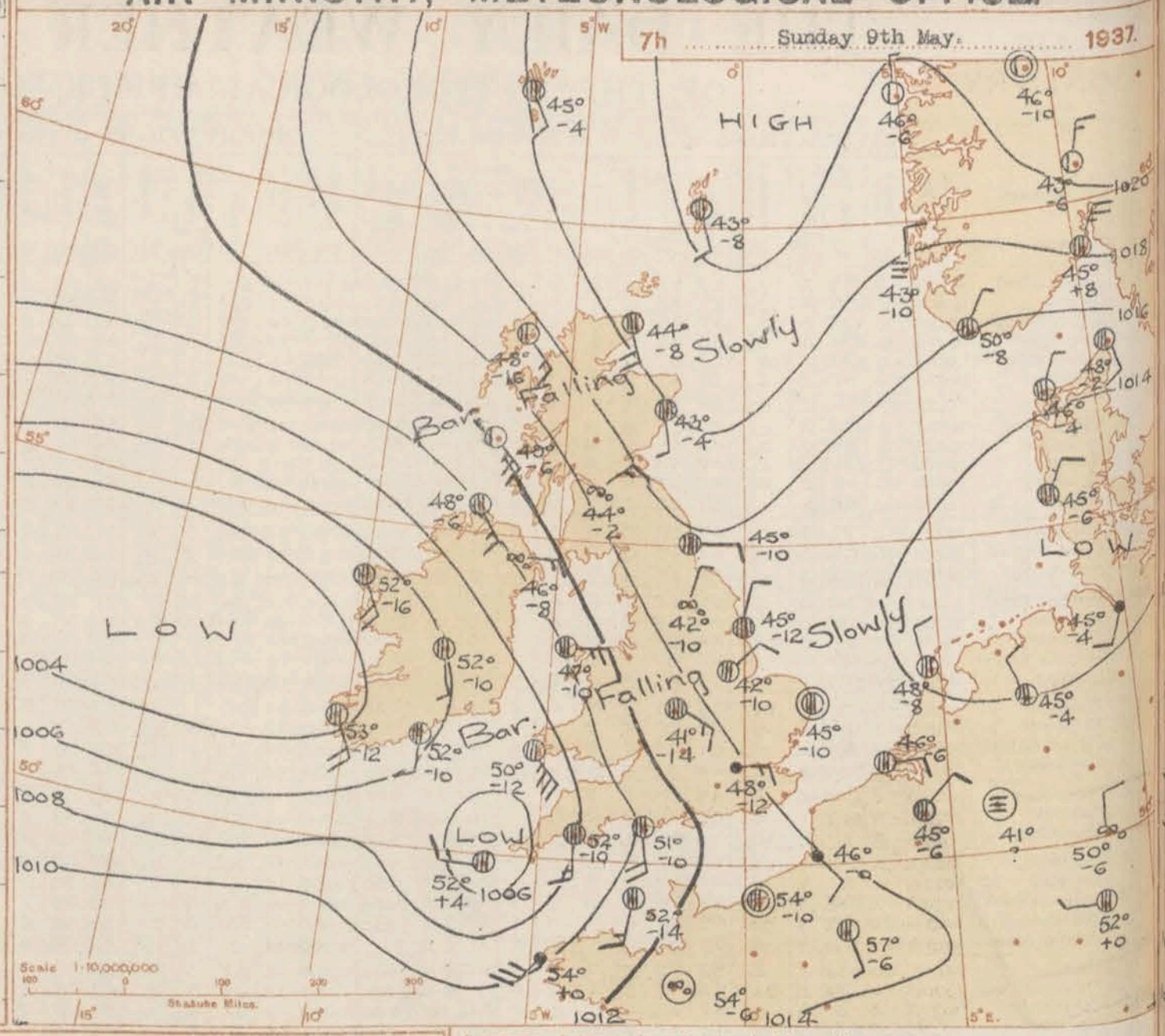
† See disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 8th May 1937.

Districts	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	om	cmo	46	55	-	-	0·1	2·5
	Bournemouth	o	bbco	47	63	-	-	2·5	3·0
	Ventnor ...	om	cbom	49	59	-	-	0·6	5·6
	Southsea ...	o	o	51	55	1	-	0·0	3·6
	Bognor Regis	or,o	o	52	59	5	Trace	0·0	2·0
	Littlehampton	or,c	co	52	55	3	0·4	0·0	1·4
	Worthing ...	od,o	o	53	54	0·5	Trace	0·0	1·3
	Brighton ...	c	c	52	56	7	-	0·1	1·0
	Eastbourne† ...	o	oco	50	56	2	-	0·1	2·1
	Hastings† ...	oc	coc	49	57	1	-	0·0	2·6
	Folkestone ...	o	oco	47	51	Trace	-	0·1	0·2
	Dover ...	cbcco	ocbcco	48	51	-	-	1·2	0·0
	Deal	o	co	47	54	-	-	1·0	0·5
	Ramsgate ...	c	c	46	60	-	-	0·0	0·1
	Margate ...	c	c	46	50	-	-	0·0	0·0
2	Southend ...	o	o	46	51	Trace	-	0·0	0·3
	Maldon ...	o	oc	47	50	-	-	0·6	0·3
	Clacton-on-Sea	c	cbcc	45	48	-	-	0·2	0·0
	Dovercourt ...	pococ	bcebc	45	51	Trace	-	1·6	0·0
	Lowestoft ...	c	c	43	50	Trace	-	1·3	*
	Skegness ...	cocbc	cbcb	44	49	0·2	-	3·3	0·0
	Mablethorpe...	ocbc	bcc	44	48	Trace	-	0·8	0·0
	Cleethorpes ...	cbc	bcc	44	50	Trace	-	1·3	0·0
3	Leamington S.	o	o	47	53	0·3	-	0·0	5·1
4	Cheltenham†	o	cbcc	44	58	-	-	1·3	6·2
5	Bath	bc	bccp	47	64	-	Trace	4·3	4·2
	Weymouth ...	mb	bc	47	52	-	-	0·5	1·1
	Jersey ...	ofoc	cbccr	50	58	-	1	0·5	0·0
	Torquay ...	co	or,rp	48	57	-	1	0·0	1·3
	Penzance ...	c	cddmd	52	56	-	2	0·0	1·8
	St. Ives ...	d	d	48	55	Trace	5	0·0	0·1
	Bude... ...	c	c	50	59	-	Trace	0·1	1·2
	Ilfracombe ...	bcbbc	bcco	48	56	-	-	5·4	3·0
6	Aberystwyth	bcc	cbcc	44	64	-	-	4·3	2·7
7	Llandudno ...	bcc	bccz	46	59	-	-	5·0	1·2
	Colwyn Bay...	cbc	bcco	44	59	-	-	4·4	0·8
	Rhyl	c	cm	42	59	-	-	1·2	2·8
8	Wallasey ...	oq	gdoc	47	53	-	Trace	0·0	0·0
	Southport ...	oidz	docz	49	54	-	Trace	0·0	0·2
	Blackpool ...	mc	c	49	55	0·3	-	0·2	1·0
	Morecambe ...	czbcc	cbc	49	60	2	-	2·6	1·1
9	Ilkley... ...	dodo	cbcb	45	55	3	-	4·6	0·0
	Harrogate ...	oc	cb	43	53	3	-	2·8	0·0
10	Berwick-on-T.	bc	bcb	42	47	-	-	10·0	0·0
11	Dunbar ...	cr	bc	43	48	0·5	-	8·2	0·6
12	Troon... ...	ococ	cbcc	49	60	-	-	0·5	3·4
	Douglas ...	cb	cbf	46	53	-	-	2·3	8·6

† 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. 9th May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Moderate easterly wind, veering south; continuous rain at first, bright intervals and showers later; average temperature.
5 S.W. England	Moderate southerly wind, veering and freshening; drizzle at first, local thundery showers later; average temperature.
6 South Wales ...	As 1 - 4.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England	Moderate easterly wind; dull with occasional drizzle at first and some rain later; rather cold in the East; average temperature in the West.
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	Moderate southeast wind; cloudy or dull, with slight drizzle locally in eastern districts; bright periods in the West; rather cold in the East; average temperature in the West.
17 N. W. Ireland 18 N. E. Ireland	As 8 - 10.
19 S. E. Ireland 20 S. W. Ireland	As 5.

GENERAL INFERENCE

A depression off southwest Ireland is moving very slowly northeast. In Scotland and England, weather will be mainly cloudy. rain will spread northwards across England and Wales during the day, to be followed in the South later by brighter intervals and local thundery showers.

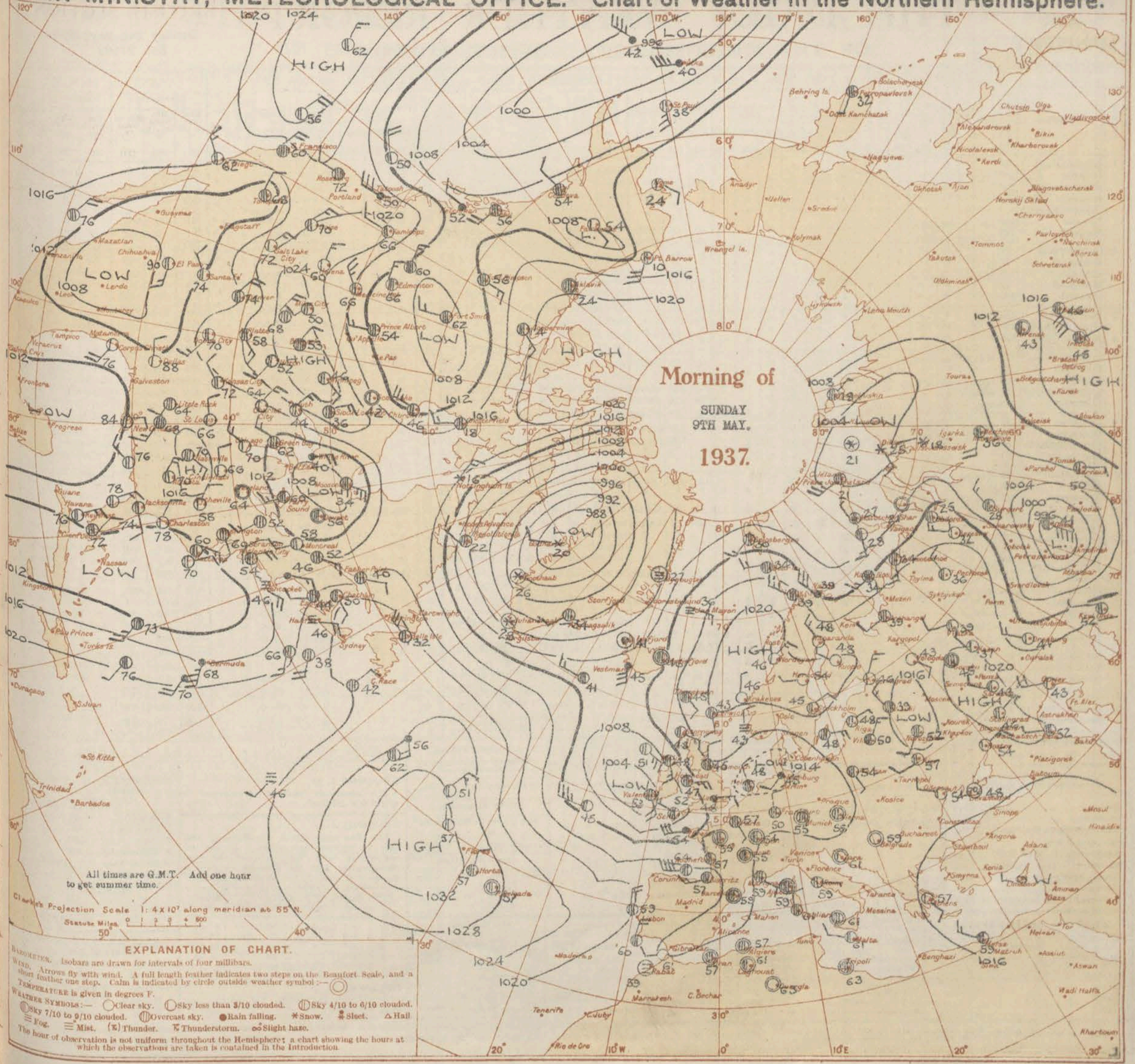
FURTHER OUTLOOK.

Occasional rain in the North, thundery showers in the South.

Forecasts issued at 1200 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.



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 9th May, 1937.
No. 27562

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1016.5	-14	E	2	c	45	85	6	5	2	-	7.8	10	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1017.1	-18	NE'E	3	c	45	85	7	5	-	-	10	10	1500
	Manston ...	142	1016.5	-18	ENE	2	c	45	85	7	5	-	-	10	10	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1017.5	-14	N'W	1	c	45	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	1012.8	-20	ESE	5	rn	45	92	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1009.7	-22	S'E	2	c	51	97	6	5	-	-	7.8	7.8	1500
	Scilly (St. Mary's)	163	1008.4	-30	S	4	c	51	97	8	5	-	-	7.8	7.8	2500
	Guernsey ..	175	1013.7	-20	S'W	2	c/N#	52	97	7	8	-	-	10	10	2500
6	Pembroke ...	142	1009.4	-24	SE'E	5	ir	51	97	7	5	-	-	10	10	2500
7	Holyhead ...	26	1012.1	-20	E'S	3	bc	50	97 92	6	5	1	-	1	4.6	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1017.5	-10	ENE	3	o	42	92	7	5	-	-	10	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1018.3	-6	SE	2	o	43	85	6	-	2	-	10	10	1500
11	Inchkeith ...	190	1013.1	0	NE	2	c	44	92	8	5	-	-	10	10	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1014.7	-12	SE'S	5	bc	48	92	7	5	-	-	4.6	4.6	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1015.9	-4	ESE	3	c	48	92	7	5	7	-	4.6	7.8	4000
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	77	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1019.3	-6	SE	4	c	44	92	8	5	2	8	4.6	7.8	1500
16	Lerwick ...	156	1023.3	-4	SSE	2	c	42	92	8	5	2	-	7.8	10	800
17	Blacksod Point	18	1008.1	-20	SE	4	bc	52	85	5	-	4	-	0	4.6	-
18	Malin Head ...	84	1012.2	-22	SE	3	bc	50	85	6	4	-	-	4.6	4.6	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1006.7	-20	S'E	1	o/d	52	97	6	5	-	-	10	10?	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1013.3	-14	E'N	3	r₀r₀	46	85	6	6	2	-	9	10	450	1	*
Croydon ...	1013.4	-12	E	3	r₀r₀	45	97	6	6	2	-	9+	10	800	1	*
S. Farnborough	1012.7	-12	E'N	3	r₀r₀	44	97	5	-	2	-	10	10	450	1	*
Boscombe Down	1011.7	-14	ESE	3	r₀r₀	45	97	6	6	2	-	9+	10	450	1	*
Calshot (Sthmtn.)	1012.0	-10	E'N	5	r₀r₀	45	97	4	5	-	-	10	10	450	1	§ 4
Lympne ...	1014.2	-10	ENE	4	ir₀	46	85	7	5	-	-	10	10	1500	1	3
Manston ...	1014.1	-10	E'N	3	c	46	85	7	5	-	-	10	10	1500	1	*
Shoeburyness ...	1014.6	-12	E'N	3	c	47	85	8	5	-	-	10	10	1500	1	*
Felixstowe ...	1015.4	-10	ENE	2	z₀	45	85	6	5	2	-	9+	10	800	1	1
Gorleston ...	1015.3	-10	-	0	c	45	85	6	5	-	-	10	10	2500	0	2
Mildenhall ...	1015.3	-14	E'S	3	id₀	42	92	7	-	2	-	10	10	800	1	*
Cranwell ...	1015.4	-10	ENE	2	c	42	92	7	5	-	-	9	10	800	1	*
Birmingham ...	1013.8	-14	ESE	3	o	41	85	6	5	-	-	10	10	800	0	*
Upper Heyford	1013.8	-16	ENE	3	r₀r₀	42	92	6	6	2	-	7.8	10	800	1	*
Ross-on-Wye	1012.1	-14	E	3	dr	43	97	4	6	-	-	10	10	800	1	*
Portland Bill ...	1009.9	-10	SSE	4	c	51	92	7	5	-	-	10	10	1500	2	3
Plymouth ...	1007.5	-10	S'E	3	o/r	52	97	7	6	-	-	10	10	800	1	1
The Lizard ...	1005.0	-20	S	4	pr	52	97	7	8	-	-	9+	9+	1500	1	3
Scilly (St. Mary's)	1006.5	+4	W'N	3	c/a	52	97	7	5	-	-	9+	9+	1500	1	2
Guernsey	1011.1	-14	S'W	3	c	52	97	7	5	3	-	4.6	7.8	2500	1	2
Pembroke ...	1006.5	-12	SE'E	7	q	50	92	7	8	-	-	9+	9+	1500	1	3
Holyhead ...	1009.6	-10	E	5	c	47	92	7 6	7	7	-	4.6	9+	1500	1	3
Chester (Sealand)	1013.5	-8	ESE	4	z₀	43	85	6	5	-	-	10	10	1500	0	*
Manchester ...	1014.2	-8	E	4	z₀	43	85	6	5	-	-	9+	9+	2500	1	*
Spurn Head ...	1016.5	-12	NNE	2	o	45	92	6	5	-	-	10	10	2500	0	1
Catterick ...	1016.8	-10	NE'N	1	z₀	42	92	6	5	-	-	10	10	1500	1	*
Tynemouth ...	1015.9	-10	E	2	o	45	92	6	5	-	-	10	10	800	0	1
Inchkeith ...	1016.9	-4	E	3	c	43	97	7	5	-	-	9+	9+	2500	0	2
Leuchars ...	1017.1	-10	E	1	o	45	85	6	5	-	-	10	10	800	1	*
Renfrew (Abbots I.)	1015.5	-2	ENE	3	z₀	44	85	6	5	-	-	10	10	1500	0	*
Eskdalemuir ...	1015.4	-10	E	3	c	42	85	6	5	-	-	10	10	800	0	*
Point of Ayre...	1013.4	+2	SSE	3	c	46	85	7	8	3	-	7.8	7.8	1500	0	3
Tiree	1012.8	-6	SE'E	5	b	49	65	7	-	4	-	0	Tr	-	0	2
Stornoway ...	1014.1	-16	ESE	3	bc	48 9	92	8	1	4	-	4.6	4.6	4000	1	1
Dalwhinnie ...	1017.2	-6	SW	5	c	40	83	7	4	6	-	7.8	10	2500	0	*
Aberdeen ...	1017.9	-4	S'E	1	o	43	92	6	5	-	-	10	10	800	0	1
Wick ...	1017.3	-8	SSE	4	c	44	92	7	5	7	-	7.8	9	1500	1	2
Lerwick ...	1020.1	-8	SSE	2	c	43	92	8	5	2	-	7.8	9+	800	0	*
Blacksod Point	1005.2	-16	SE	4	c	52	92	7	-	7	-	0	10	-	1	3
Malin Head ...	1010.5	-6	SE	3	c	48	75	7	8	-	-	9	9	2500	0	1
Aldergrove ...	1011.2	-8	E	3	z₀	46	85	6	5	2	-	9+	10	800	1	*
Birr Castle ...	1005.9	-10	SSE	1	o/r	52	92	8	5	-	-	10	10	2500	1	*
Valentia Obsy. †	1003.3	-12	SE'E	4	c	53	85	8	8	4	-	9	9+	800	1	2
Roches Point	1005.2	-12	S	2	c	52	97	8	5	-	-	9	9	800	1	3

PAST 24 HOURS.

Stations	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Night 18h–7h mm. (35)	Sunshine 24h. Hrs. (36)
London (Kew)	55	45	42	-	0.5	0.0
Croydon ...	54	44	42	-	1	0.1
S. Farnborough	58	43	43	Tr	3	0.2
Boscombe Down	58	44	44	-	5	1.1
Calshot (Sthmtn.)	55	47	46	-	3	0.0
Lympne ...	51	42	41	-	0.2	0.0
Manston ...	50	44	43	Tr	-	0.0
Shoeburyness ...	51	44	42	Tr	-	0.1
Felixstowe ...	51	43	43	-	-	1.4
Gorleston ...	49	43	42	-	-	2.6
Mildenhall ...	55	42	38	-	Tr	3.9
Cranwell ...	53	40	38	Tr	-	2.6
Birmingham ...	51	40	40	0.4	-	0.1
Upper Heyford	55	40	39	Tr	1	*
Ross-on-Wye	58	42	42	-	2	2.3
Portland Bill ...	58	49	*	Tr	17	*
Plymouth ...	56	51	50	0.3	19	0.0
The Lizard ...	55	50	*	3	8	*
Scilly (St. Mary's)	55	50	*	3	1	0.0
Guernsey	56	49	48	2	13	0.1
Pembroke ...	56	49	*	-	3	6.2
Holyhead ...	59	47	45	-	1	8.6
Chester (Sealand)	54	43	42	Tr	-	0.0
Manchester ...	52	41	36	0.2	-	0.0
Spurn Head ...	49	42	*	-	-	0.4
Catterick ...	56	40	33	-	-	3.4
Tynemouth ...	49	42	41	-	-	4.2
Inchkeith ...	51	40	37	-	-	7.8
Leuchars ...	49	43	42	-	-	2.7
Renfrew (Abbots I.)	58	41	38	-	-	2.9
Eskdalemuir ...	61	37	30	-	-	7.6
Point of Ayre...	56	45	*	-	-	5.1
Tiree	58	46	43	-	-	7.5
Stornoway ...	56	45	*	-	-	13.1
Dalwhinnie ...	53	38	33	-	-	1.2
Aberdeen ...	47	41	41	0.1	-	3.2
Wick ...	49	42	*	-	-	*
Lerwick ...	47	41	*	-	-	1.1
Blacksod Point	61	49	*	-	2	*
Malin Head ...	57	45	*	-	-	5.9
Aldergrove ...	60	45	44	-	0.1	5.3
Birr Castle ...	63	50	45	-	1	5.3
Valentia Obsy. †	58	50	43	1	1	0.0
Roches Point	52	49	*	4	5	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Afternoon.	Night.	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T % (Yesterday.)	9h. G.M.T % (To-day.)	Visibility 9h. (To-day.)
Kew...	18	cm₀z₀	cz₀oz₀	oz₀crr₀	55	45	42	-	0.5	0.0	*	*	5
Croydon	217	om₀ocm	om₀cm₀	cm₀r₀m	54	44	42	-	1	0.1	*	*	6
Greenwich (Royal Observatory)...	149	c	c	crr	56	43	38	-	2	1.0	74	94	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.2	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	55	45	43	2		0.6	75	90	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	56	44	44	Tr	3	0.0	75	96	*
Camden Square	110	o	c	*	56	45	42	-	3	*	*	93	*
Kensington	80	cbcc	cor	*	56	45	42	-	2	0.4	At 18h. 78	95	*
Hampstead Observatory	450	om	c	cor	53	37	32	-	2	0.4	*	95	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 9th.

South Kensington. Max.	Time	Min.	Time.	Kew Observatory. Max.	Time.	Min.	Time.
0.3	11-14h 8th	0.3	0-5h 9th	0.2	12h 8th	0.1	2-7h 9th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 8th May. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 9th May. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris	1017.1	W	1	c	61	1013.3	SE	1	c	63	64	*	-	*
Brussels	1018.0	N	3	bc	54	1015.0	ENE	3	r₀r₀	43	52	41	-	Tr
Berlin	1016.4	SW	1	bc	54	1014.2	-	0	z₀	60	55	43	4	-
Zürich	1017.6	WNW	3	c	61	1015.5	WNW	1	c	52	70	*	-	-
Rome	1018.2	-	0	b	61	1018.1	E	1	bc	55	*	*	8	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 10th May, 1937.
No. 27563

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

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)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1010·9	-10	E'N	3	roro	48	97	4	6	2	-	9+	10	800
	Croydon	1011·0	-10	ESE	3	roro	48	97	6	6	2	-	7-8	10	800
	S. Farnborough	1010·4	-10	SE	3	iro	49	97	5	-	2	-	10	10	800
	Boscombe Down	1008·9	-16	SE'S	4	dodo	51	97	6	6	2	-	9+	10	450
	Calshot (Sthmtn.)	1010·0	-6	SE	3	ido	52	97	6	5	7	-	9+	10	800
	Lympne	1012·3	-10	E	3	roro	48	92	4	-	2	-	10	10	220
	Manston	1012·3	-10	E	4	r r	47	92	5	6	-	-	10	10	800
2	Shoeburyness	1012·4	-14	E'S	4	rr	47	92	6	6	2	-	9+	10	1500
	Felixstowe	1012·6	-10	E	3	rr	46	85	6	6	2	-	7-8	10	800
	Gorleston	1013·5	-10	E'S	2	c	49	75	6	5	-	-	7-8	7-8	2500
	Mildenhall	1012·6	-14	ESE	4	roro	48	75	6	6	2	-	4-6	10	800
	Cranwell	1012·2	-14	E'S	3	c	51	75	8	8	-	-	7-8	10	1500
3	Birmingham	1011·1	-12	ESE	3	roro	43	92	5	6	-	-	10	10	800
4	Upper Heyford	1011·1	-16	E	3	roro	45	97	5	6	2	-	9	10	450
	Ross-on-Wye	1009·0	-12	E	4	ido	47	92	6	6	-	-	10	10	800
5	Portland Bill	1007·7	-6	SSW	4	c	53	92	7	4	-	-	10	10	2500
	Plymouth	1006·7	+6	SW	5	pr	54	92	7	9	-	-	9+	9+	1500
	The Lizard	1007·3	+16	SW'S	4	c	55	97	7	8	6	-	4-6	7-8	2500
	Scilly (St. Mary's)	1007·3	+8	W	5	dodo	51	92	6	5	-	-	10	10	1500
	Guernsey	1010·4	0	WNW	4	c	57	85	7	8	3	-	4-6	7-8	2500
6	Pembroke	1004·9	-6	SE'E	5	dodo	50	97	6	5	-	-	10	10	1500
7	Holyhead	1007·7	-8	E	5	c	48	85	76	7	7	-	4-6	10	2500
8	Chester (Sealand)	1010·9	-14	ESE	3	roro	47	85	6	-	2	-	10	10	800
	Manchester	1011·0	-20	SE'E	4	zo	53	65	6	5	3	-	4-6	9	2500
10	Spurn Head	1013·0	-10	E'S	4	c	48	85	7	5	2	-	7-8	10	1500
	Catterick	1013·0	-16	SE'S	2	c	50	75	7	8	7	-	7-8	10	1500
	Tynemouth	1014·0	-4	ESE	2	c	47	85	7	5	-	-	9+	9+	1500
11	Inchkeith	1015·3	-6	ENE	4	c	46	92	7	5	-	-	9+	9+	1500
12	Leuchars	1015·7	-6	E	3	o	46	85	6	5	-	-	10	10	800
	Renfrew (Abbots I.)	1013·1	-10	ENE	4	o/d	48	92	6	5	-	-	10	10	800
	Eskdalemuir	1012·8	-12	E'N	4	c	47	85	6	5	-	-	10	10	800
	Point of Ayre	1010·6	-8	S'E	4	bc	55	75	7	4	3	-	2-3	2-3	2500
13A	Tiree	1011·8	-4	SE'E	4	b	55 ~~58~~	55	6	1	-	-	Tr	Tr	5700
13B	Stornoway	1013·1	-4	ESE	2	b	56	55	8	1	-	-	1	1	4000
15	Dalwhinnie	1014·9	-2	S	4	e	48	75	7	4	2	-	4-6	10	2500
	Aberdeen	1016·4	-8	E	3	o	45	85	6	5	-	-	10	10	450
16	Wick	1016·3	-6	SSE	4	c	44	97	6	5	2	-	7-8	10	800
	Lerwick	1018·1	-14	E	2	c	45	85	8	5	2	-	7-8	9+	800
17	Blacksod Point	1003·9	-8	E	4	e	53	85	7	-	2	-	0	10	-
18	Malin Head	1008·6	-10	E	4	bc	50	75	6	4	-	-	4-6	4-6	1500
	Aldergrove	1009·8	-10	E'S	4	c	51	75	6	5	3	-	7-8	7-8	1500
19	Birr Castle	1004·9	-6	SSE	2	e/pr	53	92	8	8	7	-	4-6	9+	2500
20	Valentia Obsy. †	1005·4	+6	NW	2	e/r	48	85	8	6	7	1	4-6	9+	1500
	Roches Point	1004·5	-2	SW	3	iro	51	92	8	6	1	-	7-8	10	1500

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

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)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)
London (Kew)	1008·1	-10	E	2	c/r	52	97	4	5	-	-	9+	9+	1500	1	*
Croydon	1009·3	-6	S'E	2	iro	54	92	6	6	7	-	7-8	9+	800	1	*
S. Farnborough	1008·7	-2	SSW	3	c	54	85	7	5	-	-	9+	9+	2500	1	*
Boscombe Down	1007·9	0	SSW	3	c	53	92	7	5	2	-	9	9+	800	1	*
Calshot (Sthmtn.)	1009·1	-4	SW'S	4	c	54	85	7	8	-	-	9	9	1500	1	§3
Lympne	1010·9	-4	SSE	1	zo	52	85	5	5	8	-	4-6	7-8	800	1	!
Manston	1010·7	-2	ESE	4	c/r	49	97	4	6	2	-	9	10	220	1	*
Shoeburyness	1010·5	-12	ESE	4	c	50	85	5	5	2	-	7-8	9+	1500	1	*
Felixstowe	1011·5	-8	E	3	e/r	46	92	6	5	2	-	7-8	10	1500	1	1
Gorleston	1011·8	-4	E'N	3	iro	47	85	6	6	-	-	10	10	1500	1	2
Mildenhall	1010·7	-10	ESE	3	rr	46	92	6	6	-	-	10	10	800	1	*
Cranwell	1010·6	-10	E'N	3	c/r	47	92	6	6	7	-	9	10	800	1	*
Birmingham	1009·1	-12	E	3	iro	45	92	5	6	-	-	10	10	800	1	*
Upper Heyford	1009·1	-10	ENE	2	roro	48	97	4	-	2	-	10	10	220	1	*
Ross-on-Wye	1007·2	-14	E	3	df	49	97	3	5	-	-	10	10	450	1	*
Portland Bill	1008·2	+2	SSW	4	c	53	92	7	4	-	-	9	9	2500	1	4
Plymouth	1008·1	+8	W	4	c	54	75	7	8	3	-	4-6	7-8	1500	1	2
The Lizard	1009·0	+10	SW'W	4	bc	53	85	8	8	-	-	4-6	4-6	2500	1	3
Scilly (St. Mary's)	1008·6	+4	W'N	4	bc	53	65	8	2	4	4	2-3	4-6	2500	1	3
Guernsey	1010·4	0	NWW	3	bc	54	85	7	8	3	-	2-3	4-6	1500	1	3
Pembroke	1004·7	-2	W	5	iro	49	92	6	8	2	-	7-8	9+	1500	1	3
Holyhead	1006·3	-4	ESE	3	c	51	85	7	7	2	-	4-6	9+	4000	1	2
Chester (Sealand)	1008·8	-10	ESE	2	iro	49	85	5	-	2	-	10	10	800	1	*
Manchester	1009·4	-8	E	4	dodo	50	85	5	6	2	-	9	10	1500	1	*
Spurn Head	1011·1	-12	ESE	4	c	46	85	7	5	7	-	4-6	9+	1500	0	3
Catterick	1011·3	-4	ESE	3	c	50	65	7	5	-	-	9	9	2500	1	*
Tynemouth	1013·0	-4	ESE	2	c	47	85	7	5	-	-	9	9	1500	0	1
Inchkeith	1013·7	-8	E	4	c	45	92	7	5	-	-	9	9	2500	0	3
Leuchars	1013·8	-12	E	3	zo	45	92	6	5	-	-	10	10	800	1	*
Renfrew (Abbots I.)	1011·3	-8	ENE	4	zo	48	85	6	5	-	-	10	10	800	0	*
Eskdalemuir	1011·3	-4	E	4	bc	48	75	7	5	5	-	4-6	4-6	1500	0	*
Point of Ayre																
Tiree	1010·6	-6	E	4	zo	52	75	6	1	-	-	Tr	Tr	5700	0	3
Stornoway	1011·8	-8	NE	2	c	55	65	8	1	3	-	Tr	9	4000	1	!
Dalwhinnie	1013·6	-10	S	3	bc	48	75	7	4	6	-	1	2-3	2500	0	*
Aberdeen	1014·8	-8	ESE	2	o	44	85	6	5	-	-	10	10	450	0	1
Wick	1015·4	-6	SE	3	c	43	92	6	5	-	-	10	10	800	1	2
Lerwick	1016·3	-10	ENE	2	c	42	92	7	5	2	-	9	10	800	0	*
Blacksod Point	1003·7	0	E	5	c	51	85	7	-	2	-	0	10	-	1	4
Malin Head	1008·6	-6	E	4	b	50	75	6	4	4	-	1	1	2500	0	2
Aldergrove	1007·9	-12	E'S	4	iro	51	75	6	5	2	-	4-6	10	1500	1	*
Birr Castle	1004·6	-2	S	2	rr	47	97	7	6	2	-	7-8	10	1500	1	*
Valentia Obsy. †	1006·2	+4	W'S	3	bc	52	65	9	8	4	-	2-3	2-3	2500	1	2
Roches Point	1005·5	+8	WNW	3	bc/pr	53	75	8	3	4	-	4-6	4-6	1500	1	3

PAST 24 HOURS.

Stations	Weather 7h.—13h. 9th (37)	Weather 13h.—18h. 9th (38)	Weather 18h. 9th to 1h. 10th (39)	Weather 1h.—7h. 10th (40)
London (Kew)	rorrro	rocrocm	ciro	cmo
Croydon	cirodoro	ro do do	cmoiro	circ
S. Farnborough	rororfo	oiromoc	c bcq p/o	ciroc
Boscombe Down	rroddodo	cdocjoiroc	~~ebecb~~	cbjf
Calshot (Sthmtn.)	cirrororm	cidoc	c	c
Lympne	ororoirmo	ororororom	cmbf	cmoc
Manston	cororomo	or[illegible]m	om[illegible]bc	bcroc
Shoeburyness	roRrRc	rrororc	cmo	moiroc
Felixstowe	cmorrmo	RRrorc	irocmo	circmo
Gorleston	cbcc	coiro	ororo	oirom
Mildenhall	ciro	rr roromo	crrorc	crroro
Cranwell	cbcc	cror	ddorm	~~[illegible]~~ olodd m ddf
Birmingham	oror	ororro	oirro	orobc
Upper Heyford	cro	crocir	orcro	cbobc
Ross-on-Wye	rdmrodo	dompodo	mdofompom	cb
Portland Bill	cidc	c	cbc	bc
Plymouth	oddmoric	e pro	bcbf	bw ⊕
The Lizard	cprc	pro bc	bccbc	bccw
Scilly (St. Mary's)	podoo	odocbc	poqbc	bcwc
Guernsey	circ	cbc	circ	cbc
Pembroke	ciDmoqc	cidmoirq	bc	bbcw
Holyhead	proc	cpro	ciroPRo	cirobc
Chester (Sealand)	cmororo	roroiromo	cirorrmo	cmrocmo
Manchester	cmozo	rorododmo	idoroRR	ororododf
Spurn Head	oc	c	ror	orr
Catterick	wodofc	c	c	cmoiro
Tynemouth	oc	c	o	oc
Inchkeith	c	c	co	oc
Leuchars	omo	omoido o	omokc	c
Renfrew (Abbots I.)	cmoodo	c[illegible]mo	cm	moc
Eskdalemuir	cidoc	cbc	bccmo	ccido
Point of Ayre	cbc		rro	rr
Tiree	b	bzo	bzobc	bcc
Stornoway	bcby	b, cy	cbc	bcb
Dalwhinnie	c	cbc	*	c
Aberdeen	omozo	ozo	ozo	ozo
Wick	cmo	cmo	cmo	cmoc
Lerwick	c	c	co	o
Blacksod Point	irc	c	ir	ir
Malin Head	cbc	b	c	c
Aldergrove	omozo	bcy, roc	czoromo	roro, moc
Birr Castle	cpr	cpr rr	crr	crrc
Valentia Obsy. †	Rrrc	cpr bc	prbc	bwbc
Roches Point	oidiro	irocpbc	cprobc	bwbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

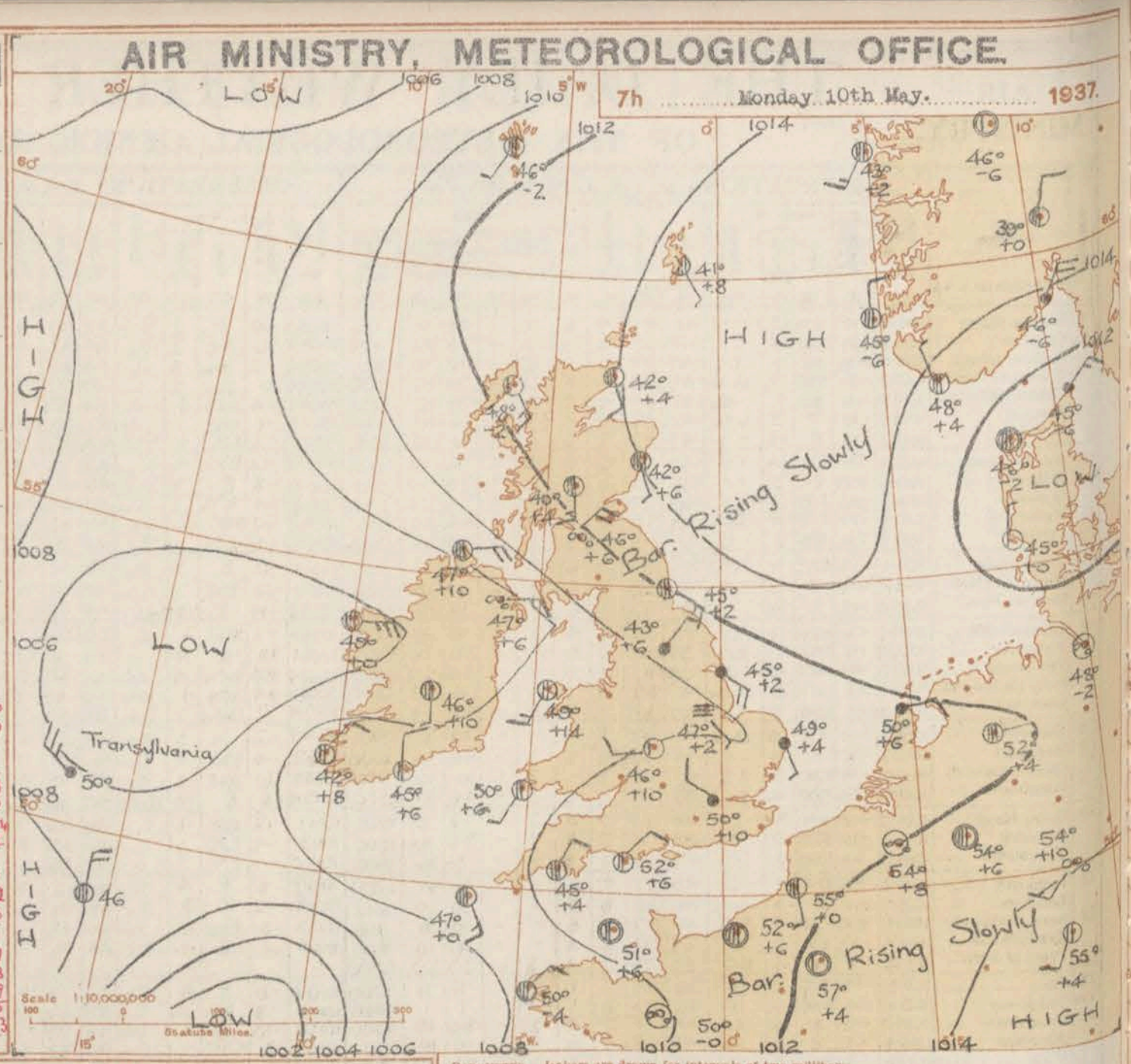
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

§ See disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for Sunday, 9th May 1937.

District	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature (F) Min. 3h. 9th 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	Sunshine (Hrs) Sunrise to Sunset. 8th
1	Tunbridge W.	odd	odo	44	53	1	3	0·0	0·1
	Bournemouth	rro	oco	47	55	17	3	0·2	2·5
	Ventnor ...	orm	rcbc	47	56	12	1	1·0	0·6
	Southsea ...	od.or	oroc	46	58	7	2	2·1	0·0
	Bognor Regis	rr	bcpr	46	55	7	1	0·6	0·0
	Littlehampton	orc	cbc	46	55	8	2	0·9	0·0
	Worthing ...	or.r.	or.cbc	46	54	7	2	1·0	0·0
	Brighton ...	crc	cdcb	46	55	4	2	0·5	0·1
	Eastbourne† ...	rro	oid.oc	47	56	5	7	1·0	0·1
	Hastings† ...	orr	omrc	46	53	1	4	0·2	0·0
	Folkestone ...	oir	oroom	45	52	0·3	2	0·0	0·1
	Dover ...	dro	rorm	47	51	Trace	3	0·0	1·2
	Deal	oor.	rro	46	51	-	1	0·0	1·0
	Ramsgate ...	cr	crerc	45	50	-	2	0·0	0·0
	Margate ...	er	er	45	50	-	3	0·0	0·0
2	Southend ...	orr	orm	44	49	1	7	0·0	0·0
	Maldon ...	or	ro	45	48	Trace	4	0·0	0·7
	Clacton-on-Sea	or	orro	44	48	-	6	0·0	0·2
	Dovercourt ...	oc	roc	43	51	-	7	0·0	1·6
	Lowestoft ...	bbcc	cbccr	43	49	-	0·2	3·9	1·3
	Skegness ...	cbc	c	42	50	-	-	1·4	5·1
	Mablethorpe...	om.	om.c	41	49	-	-	0·3	0·8
	Cleethorpes ...	bcm.	bc	42	52	-	-	2·0	1·3
3	Leamington S.	or	ro	41	47	2	4	0·0	0·0
4	Cheltenham†	o p.	ocop	41	50	2	0·3	0·0	1·3
5	Bath	cr	rrc	46	57	10	5	0·1	4·3
	Weymouth ...	rrc	pcbc	48	53	20	1	1·1	0·5
	Jersey ...	crc	rcbc	48	58	6	1	3·2	0·5
	Torquay ...	op.bc	c	51	60	16	0·3	2·3	0·0
	Penzance ...	bcldc	ccbcb	52	58	7	Trace	5·4	~~1·8~~ 0·0
	St. Ives ...	p	c	51	56	7	1	4·9	~~0·7~~ 0·0
	Bude... ...	cpbc	cbcd	50	59	6	1	2·4	~~1·2~~ 0·1
	Ilfracombe ...	crcbc	bccro	50	59	2	2	3·8	~~3·0~~ 5·4
6	Aberystwyth	prcbc	bcc	47	56	4	-	2·4	~~2·7~~ 6·3
7	Llandudno ...	cr.	r.c	46	50	-	0·2	0·1	~~1·2~~ 5·0
	Colwyn Bay...	op	rrooc	45	49	0·3	1	0·3	~~0·8~~ 4·4
	Rhyl	cm.r	cir.c	43	49	-	1	0·3	~~2·8~~ 1·2
8	Wallasey ...	cbc	cp	44	52	-	Trace	0·7	0·0 ✓
	Southport ...	cbccz	coir.	40	56	-	0·2	1·8	~~0·2~~ 0·0
	Blackpool ...	cbc	bccop	41	55	-	Trace	3·5	~~1·0~~ 0·2
	Morecambe ...	bbcbc	bbcbc	41	58	-	-	11·0	~~2·1~~ 3·6
9	Ilkley... ...	o	c	40	53	-	-	2·7	~~1·5~~ 6·1
	Harrogate ...	c	c	40	51	-	-	0·6	~~0·3~~ 3·7
10	Berwick-on-T.	o	oc	41	47	-	-	0·2	~~1·3~~ 4·3
11	Dunbar ...	om.	om.	40	47	-	-	0·0	~~1·3~~ 8·9
12	Troon... ...	bbcbb	bcocc	48	57	Trace	-	7·1	~~3·4~~ 0·5
	Douglas ...	cr	cbrf	42	52	-	Trace	2·0	~~8·6~~ 2·3

† Max. Temp. for period 24h. 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. 10th May, 1937.
1 S.E. England 2 E. England ...	Light variable to southeast winds; fair at first, occasional rain tomorrow; average temperature.
3 E. Midlands ... 4 W. Midlands ...	Light variable winds; cloudy, occasional rain, fair periods later; rather cool.
5 S.W. England 6 South Wales ... 7 North Wales ...	Light variable winds; mainly fair; average temperature.
8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Light easterly or variable wind; dull, rainy periods; rather cool.
13 A. W. Scotld. B. N.W. Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Light south to southeast winds; mainly fair; rather cool.
17 N. W. Ireland 18 N. E. Ireland	As 8 - 12.
19 S. E. Ireland 20 S. W. Ireland	Light variable winds; fair at first, cloudy, local rain later; average temperature.

GENERAL INFERENCE.

A trough of low pressure over North England and Ireland is almost stationary and a depression northwest of Corunna is moving eastwards. Weather will be mainly fair in the extreme north, dull with rainy periods in Northern and Eastern England. Elsewhere there will be fair periods at first but further rain is likely later in the southern coastal districts.

FURTHER OUTLOOK.

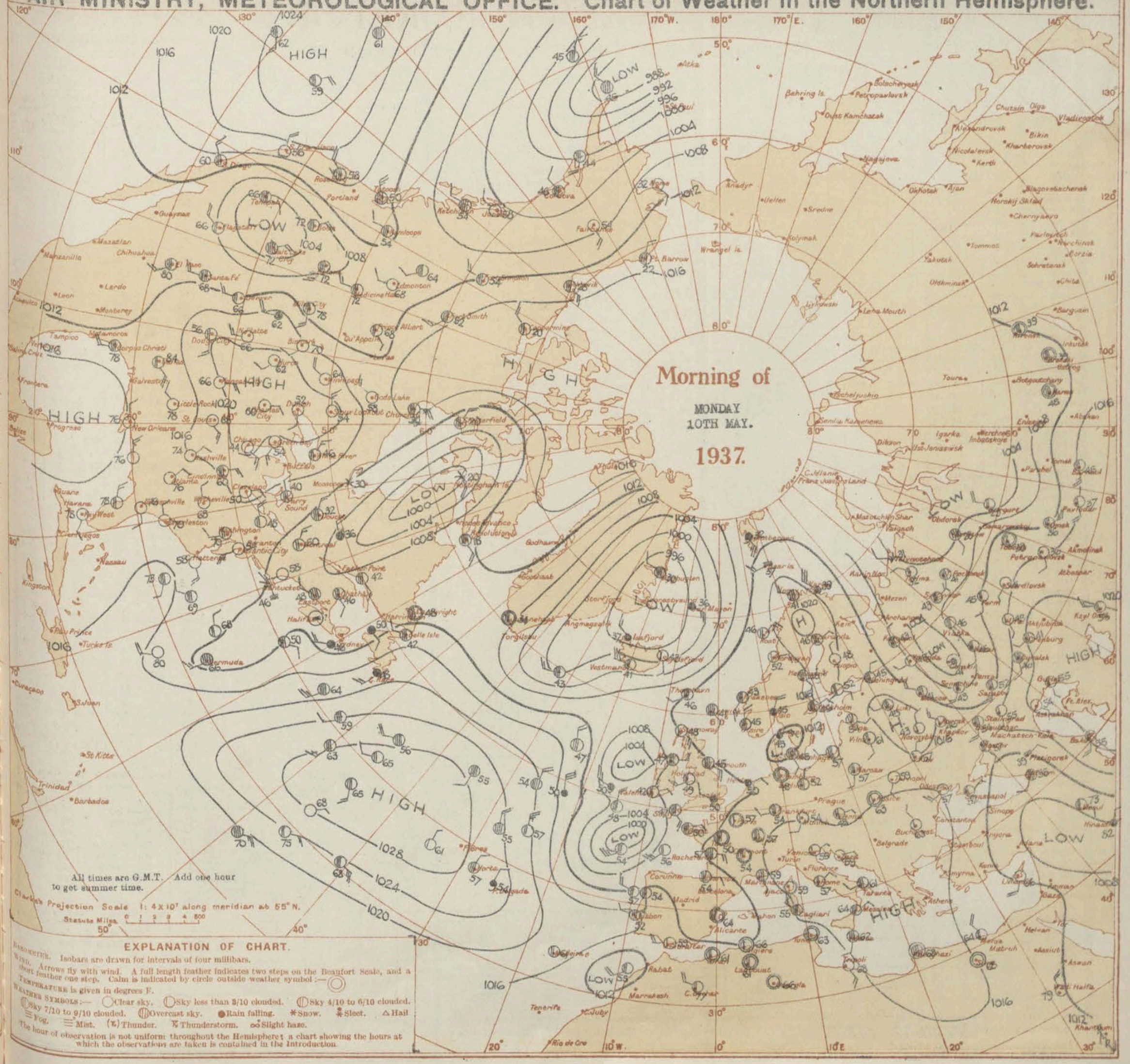
Unsettled.

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.



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 10th May, 1937.
No. 27563

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility. 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1009.7	+2	SSW	3	c/r	51	92	7	6	7	–	7.6	10	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1011.3	–2	SSW	2	c/f	46	97	6	5	–	–	9	9	220
	Manston ...	142	1010.1	–4	SSW	3	b	47	97	6	5	–	–	1	1	2500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1010.9	–6	ENE	4	r.r.	47	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	1008.6	+6	N	3	bc	50	92	8	4	–	–	2.3	2.3	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1009.9	0	SW's	2	bc	47	85	8	8	–	1	2.3	2.3	2500
	Scilly (St. Mary's)	163	1009.7	0	N's	2	bc	49	85	8	3	–	–	2.3	2.3	1500
	Guernsey ..	175	1011.0	–2	W	1	c	50	97	6	8	–	–	10	10	2500
6	Pembroke ...	142	1007.6	+10	W's	3	bc	49	85	7	5	–	–	2.3	2.3	2500
7	Holyhead ...	26	1009.7	0	SSW	3	ir.	49	97	7	6	2	–	2.3	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1010.4	–8	ESE	5	r	46	92	6	5	–	–	10	10	800
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1011.6	–6	E	3	c	45	85	7	–	2	–	10	10	1500
11	Inchkeith ...	190	1012.8	–4	E	4	o	43	97	8	5	–	–	10	10	4000
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1007.8	–2	SE	4	o	48	92	7	6	–	–	10	10	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1011.9	–2	ESE	3	bc	46	92	7	5	–	–	2.3	2.3	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1014.1	–10	SSE	2	c	43	92	6	9	–	–	10	10	800
16	Lerwick ...	156	1015.5	–10	–	0	o	41	92	7	5	–	–	10	10	800
17	Blacksod Point	18	1005.2	0	–	0	rr	48	92	7	6	–	–	10	10	450
18	Malin Head ...	84	1006.3	0	E	4	c	47	85	6	8	–	–	7.8	7.8	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1006.9	–4	S	1	b	45	97	8	7	–	–	Tr	Tr	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1010.9	+12	SSW	1	z.	51	85	6	5	2	–	Tr	9+	1500	1	*
	Croydon ...	1010.8	+10	WNW	2	ir.	50	85	6	9	7	–	4-6	9+	1500	1	*
	S. Farnborough	1010.8	+12	W	1	bc	49	86	8	–	9	–	0	4-6	–	1	*
	Boscombe Down	1010.7	+6	–	0	ff	45	97	7	5	1	r	1	2-3	4000	1	*
	Calshot (Sthmtn.)	1010.8	+6	–	0	bc	48	92	7	–	3	8	0	4-6	–	1	0
	Lympne ...	1011.5	+6	SW	1	c	49	97	7	5	–	–	9+	9+	2500	1	§1
	Manston ...	1010.9	+6	SW	3	c	51	85	6	5	–	–	9+	9+	1500	1	*
2	Shoeburyness ...	1010.8	+8	SW	2	ir.	52	92	6	6	2	–	7.8	10	4000	1	*
	Felixstowe ...	1010.7	+12	SSW	2	z.	52	92	6	5	3	–	7.8	10	1500	1	2
	Gorleston ...	1010.3	+4	SSE	1	ir.	49	97	4	6	–	–	10	10	1500	1	2
	Mildenhall ...	1009.9	+12	SW	3	c/r	50	92	6	5	7	–	1	10	2500	1	*
	Cranwell ...	1009.4	+2	SE	1	cf+	47	97	2	5	–	–	10	10	220	1	*
3	Birmingham ...	1010.3	+10	W	2	b	46	86	7	–	7	–	0	1	–	1	*
	Upper Heyford	1011.0	+14	SW	1	bc	45	97	6	5	7	1	Tr	2-3	1500	1	*
4	Ross-on-Wye	1010.1	+8	S	2	b	48	85	7	2	–	–	Tr	Tr	4000	1	*
5	Portland Bill ...	1010.2	+6	ENE	2	bc	52	85	8	4	–	–	4-6	4-6	2500	1	3
	Plymouth ...	1010.2	+4	NE	2	c	45	92	8	1	–	7	Tr	9+	2500	1	1
	The Lizard ...	1009.5	+4	–	0	c	49	85	8	8	7	–	4-6	7.8	2500	1	2
	Scilly (St. Mary's)	1008.9	0	SE's	3	c	47	85	8	3	7	–	2-3	7.8	2500	0	1
	Guernsey ..	1010.9	+6	–	0	bc	51	85	7	7	5	–	2-3	4-6	2500	1	1
6	Pembroke ...	1008.1	+6	SW	1	bc	50	85	8	5	2	–	2-3	2-3	4000	1	2
7	Holyhead ...	1008.6	+14	SW	3	bc	49	85	6	2	–	3	1	2-3	2500	1	1
	Chester (Sealand)	1009.4	+12	SE	1	z.	47	97	5	5	7	–	2-3	4-6	1500	1	*
8	Manchester ...	1009.5	+12	–	0	df	46	97	3	6	–	–	10	10	450	1	*
10	Spurn Head ...	1008.5	–6	ESE	4	rr	46	97	6	5	–	–	10	10	1500	1	3
	Catterick ...	1011.1	+6	ENE	1	r..	43	92	5	–	2	–	10	10	1500	1	*
	Tynemouth ...	1012.1	+2	ESE	3	c	45	85	8	6	2	–	4-6	9+	800	0	2
11	Inchkeith ...	1012.7	0	E	4	c	45	85	8	5	–	–	9	9	4000	0	3
	Leuchars ...	1013.4	+2	NE	3	c	44	92	7	5	–	–	9+	9+	2500	1	*
12	Renfrew (Abbotsl.)	1011.1	+6	ENE	4	z.	46	75	6	5	–	–	9	9	4000	0	*
	Eskdalemuir ...	1011.5	+4	E	3	id.	41	92	6	5	2	–	10	10	800	1	*
	Point of Ayre...	1008.5	+10	SE's	4	rr	46	97	7	6	–	–	10	10	1800	1	3
13A	Tiree	1010.7	+6	E'N	3	c	46	75	9	4	6	–	4-6	9	4000	0	2
13B	Stornoway ...	1012.1	–2	SE	3	b	48	85	7	5	–	–	Tr	Tr	2500	1	1
15	Dalwhinnie ...	1014.3	+4	S	3	c	40	75	7	5	6	–	4-6	7.8	2500	0	*
	Aberdeen ...	1014.4	+6	SSE	1	o	42	85	6	5	–	–	10	10	450	0	1
	Wick ...	1013.6	+4	SSE	2	c	42	97	7	5	2	–	7.8	10	800	1	1
16	Lerwick ...	1015.8	+8	SE	1	o	41	92	7	5	–	–	10	10	450	0	*
17	Blacksod Point	1005.5	0	E	5	c	49	92	7	9	–	–	10	10	800	0	3
18	Malin Head ...	1008.7	+10	E	4	c	47	85	6	8	–	–	9	9	2500	0	2
	Aldergrove ...	1007.2	+6	E	3	z.	47	92	6	5	7	–	9	9+	450	1	*
19	Birr Castle ...	1007.1	+10	S	1	c	46	92	8	5	–	–	7.8	7.8	2500	1	*
20	Valentia Obsy. †	1008.1	+8	NE'E	2	bc	42	85	9	2	3	6	1	4-6	2500	1	3
	Roches Point	1008.8	+6	N	2	bc	45	85	8	2	–	–	2-3	2-3	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)	Night 18h–7h mm. (35)	Sunshine 6th. Hrs. (36)
1	London (Kew)	52	49	44	4	Tr	0.0
	Croydon ...	54	49	46	3	0.2	0.1
	S. Farnborough	54	45	40	4	0.1	0.0
	Boscombe Down	54	41	34	4	0.1	0.0
	Calshot (Sthmtn.)	57	46	44	3	–	1.5
	Lympne ...	52	46	42	2	Tr	0.3
	Manston ...	51	45	41	3	Tr	0.0
2	Shoeburyness ...	50	49	46	7	Tr	0.0
	Felixstowe ...	50	46	46	7	0.2	0.0
	Gorleston ...	50	46	46	Tr	2	4.1
	Mildenhall ...	48	45	45	4	2	0.1
	Cranwell ...	52	44	44	1	2	0.6
3	Birmingham ...	45	43	40	5	2	0.0
	Upper Heyford	48	43	37	3	2	*
4	Ross-on-Wye	49	42	35	2	0.3	0.0
5	Portland Bill ...	54	49	*	Tr	Tr	*
	Plymouth ...	56	41	38	0.6	Tr	2.8
	The Lizard ...	56	45	*	0.1	–	*
	Scilly (St. Mary's)	57	44	*	0.2	0.4	8.7
	Guernsey ..	59	46	41	0.3	0.4	7.2
6	Pembroke ...	54	46	*	0.3	Tr	0.3
7	Holyhead ...	52	46	43	0.1	3	0.1
	Chester (Sealand)	49	46	44	1	4	0.0
8	Manchester ...	54	46	45	0.2	8	1.4
10	Spurn Head ...	53	45	*	–	1	1.7
	Catterick ...	53	43	41	Tr	0.4	1.0
	Tynemouth ...	49	45	43	–	–	1.6
11	Inchkeith ...	48	42	41	–	–	1.3
	Leuchars ...	47	43	42	Tr	–	0.0
12	Renfrew (Abbotsl.)	49	44	42	Tr	–	0.4
	Eskdalemuir ...	50	41	41	Tr	7	1.0
	Point of Ayre...	56	45	*		5	8.6
13A	Tiree	(58)	43	41	–	–	1.0
13B	Stornoway ...	59	44	*	–	–	12.2
15	Dalwhinnie ...	51	35	26	–	–	6.3
	Aberdeen ...	46	41	41	–	–	0.0
	Wick ...	45	41	*	–	–	*
16	Lerwick ...	46	39	*	–	–	0.0
17	Blacksod Point	60	45	*	0.1	3	*
18	Malin Head ...	53	45.	*	–	–	7.7
	Aldergrove ...	54	44	44	Tr	1	1.5
19	Birr Castle ...	55	42	42	7	10	0.0
20	Valentia Obsy. †	54	38	32	15	3	3.7
	Roches Point	53	40	*	2	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.	Weather Night.	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T % (Yesterday.)	9h. G.M.T % (To-day.)	Visibility 9h.
Kew...	18	crr.	cr.cm	ci.cm.	52	49	44	4	Tr	0.0	*	*	6
Croydon	217	ci.d.s.	r.d.d.	cr.ir.ir.	54	49	46	3	0.2	0.1	*	*	6
Greenwich (Royal Observatory)...	149	rr.	r.cm	cm.r.	51	49	43	4	Tr	0.0	97	74	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	54	46	47	4		0.0	91	81	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	53	46	45	3	0.2	0.0	96	74	*
Camden Square	110	cr	cr	*	53	46	44	5	3	*	*	74	*
Kensington	80	or	omr	*	52	45	45	3	0.2	0.0	At 18h. 97	81	*
Hampstead Observatory	450	omr	op	om	51	46	37	4	0.2	0.0	*	*	*

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

South Kensington. Max.	Time.	Min.	Time.	Kew Observatory. Max.	Time.	Min.	Time.
1.0	17.15h 9th	<0.3	2.5h 10th	0.5	18h 9th	<0.1	0.5h 10th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 9th May. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 10th May. 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	1010.7	WSW	3	bc	68	1012.1	–	0	b	57	70	52	Tr	–
Brussels	1011.5	ESE	1	ir.	52	1018.1	–	0	z.	54	55	48	0.6	3
Berlin	1012.2	WNW	2	b	50	1001.2	NNE	1	r.r.	52	63	46	–	4
Zurich						1015.1	SE	1	bc	52	*	46		0.4
Rome	1016.6	SW	2	c	63	1017.1	NE	2	b	57	*	*	–	–

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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.

TION

1937.

URS.

Night 8h-7h mm. (35)	SUN-SHINE 6th. Hrs. (36)
Tr	0·0
0·2	0·1
0·1	0·0
0·1	0·0
–	1·5
Tr	0·3
Tr	0·0
Tr	0·0
0·2	0·0
2	4·1
2	0·1
2	0·6
2	0·0
2	*
0·3	0·0
Tr	*
Tr	2·8
–	*
0·4	8·7
0·4	7·2
Tr	0·3
3	0·1
4	0·0
8	1·4
1	1·7
0·4	1·0
–	1·6
–	1·3
–	0·0
–	0·4
7	1·0
5	8·6
–	13·0
–	12·2
–	6·3
–	0·0
–	*
–	0·0
3	*
–	7·7
1	1·5
10	0·0
3	3·7
0·2	*

, etc.

—Code for ...bility.
...ot visible at 55 yards.
220 ,,
550 ,,
100 ,,
1½ miles.
2½ ,,
6¼ ,,
12½ ,,
31 ,,
...yond 31m.

—Code for Sea.
...y rough
...h.
...y high.
...cipitous.
...fused.

...rector.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 11th May, 1937.
No. 27564

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

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)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
1	London (Kew)	1010·6	-6	SSW	2	c	60	55	7	8	–	1	9	9	4000
	Croydon	1010·6	-4	SSE	2	c	58	65	8	7	7	–	7-8	9+	4000
	S. Farnborough	1010·4	-4	–	0	c	59	55	7	8	3	1	7-8	9	4000
	Boscombe Down	1010·3	-2	E'S	1	c	58	65	8	2	–	8	4-6	7-8	2500
	Calshot (Sthmtn.)	1010·8	-4	ESE	3	bc	57	75	8	8	3	4	2-3	4-6	4000
	Lympne	1011·4	-4	ESE	2	c	55	75	8	7	7	3	4-6	9+	2500
	Manston	1010·9	-2	–	0	c	55	65 75	6	5	–	6	7-8	9	800
2	Shoeburyness	1011·1	-2	SE	2	c	55	85	8	2	7	–	2-3	9+	4000
	Felixstowe	1011·3	0	SSE	3	c	55	75	7	8	4	6	4-6	9	2500
	Gorleston	1010·7	0	SE	4	c	56	85	5	8	–	–	9+	9+	2500
	Mildenhall	1010·6	0	S	1	c	58	55	8	1	7	–	1	9	2500
	Cranwell	1009·8	-2	W'S	1	c	57	65	7	8	3	–	4-6	7-8	2500
3	Birmingham	1009·8	0	NW	2	c	56	45	7	8	–	6	4-6	7-8	2500
	Upper Heyford	1010·8	-2	SSW	1	c	59	55	8	2	–	6	4-6	7-8	2500
4	Ross-on-Wye	1009·9	0	E	3	bc	58	55	8	1	6	8	4-6	4-6	4000
5	Portland Bill	1010·2	0	SE	2	c	55	85	8	4	[illegible]	1	4-6	7-8	2500
	Plymouth	1009·4	-6	SE	2	bc	57	65	9	9	–	8	4-6	4-6	2500
	The Lizard	1008·9	-6	ESE	4	bc	55	75	8	8	7	–	2-3	4-6	2500
	Scilly (St. Mary's)	1008·4	-4	E'S	4	bc	56	75	8	2	7	3	2-3	4-6	2500
	Guernsey	1010·0	-4	E'N	2	c	54	85	8	8	1	8	2-3	7-8	2500
6	Pembroke	1009·0	+2	S	1	bc	55	75	8	5	7	1	4-6	4-6	4000
7	Holyhead	1010·0	+2	W	2	bc	56	65	9	2	–	6	2-3	4-6	2500
8	Chester (Sealand)	1010·1	+2	NW'N	2	z₀	56	55	6	8	–	–	2-3	2-3	4000
	Manchester	1010·4	+2	NE	1	pr₀	51	75	5	8	–	–	10	10	2500
10	Spurn Head	1010·2	0	E'S	3	of	49	97	3	5	–	–	10	10	450
	Catterick	1012·4	+6	NE'N	2	ir₀	44	97	6	6	2	–	9	10	800
	Tynemouth	1012·6	+2	ENE	2	ir₀	46	92	8	6	2	–	4-6	10	1500
11	Inchkeith	1013·2	+2	E	4	c	45	97	8	5	–	–	9+	9+	4000
12	Leuchars	1014·1	+2	ENE	3	c	49	75	8	8	–	–	9+	9+	1500
	Renfrew (Abbots I.)	1012·1	+2	E	3	c	50	65	7	5	–	–	10	10	4000
	Eskdalemuir	1012·4	+2	E	4	r₀r₀	44	85	6	5	2	–	9	10	1500
	Point of Ayre	1010·7	+8	S'E	3	bc	51	92	8	–	8	–	0	2-3	–
13A	Tiree	1011·9	+4	SE'S	4	c	51	65	8	5	3	–	4-6	7-8	4000
13B	Stornoway	1012·5	0	SSE	2	b	55	65	8	2	–	–	1	1	4000
15	Dalwhinnie	1013·3	-2	S	4	bc	52	55	8	4	6	–	1	2-3	4000
	Aberdeen	1014·8	+2	SE'E	3	c	46	75	7	8	–	–	9+	9+	1500
	Wick	1013·8	+2	SSE	2	c	45	85	7	5	7	–	7-8	10	800
16	Lerwick	1015·7	0	S	2	o	42	92	7	5	–	–	10	10	800
17	Blacksod Point	1008·0	+12	S	4	c	50	92	8	9	–	–	10	10	800
18	Malin Head	1010·3	+8	E	4	c	47	85	6	4	–	–	7-8	7-8	2500
	Aldergrove	1009·7	+16	E'S	1	c	54	65	9	8	7	–	7-8	9+	2500
19	Birr Castle	1008·3	+2	WSW	1	c	56	55	8	4	–	–	7-8	7-8	2500
20	Valentia Obsy. †	1009·0	+2	WNW	3	jp	51	65	9	8	7	6	4-6	7-8	2500
	Roches Point	1009·5	+4	S'E	2	bc	54	65	9	2	–	4	2-3	4-6	2500

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

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)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
London (Kew)	1009·3	-6	ENE	2	z₀	57	65	6	5	–	–	9+	9+	4000	1	*
Croydon	1009·2	-8	ENE	2	c	57	75	6	8	3	–	4-6	9	4000	1	*
S. Farnborough	1008·8	-6	E	1	c	57	65	7	8	6	–	4-6	7-8	4000	1	*
Boscombe Down	1008·6	-14	E'S	1	c	57	65	8	8	–	2	4-6	7-8	4000	1	*
Calshot (Sthmtn.)	1009·2	-10	SE'E	2	c	54	75	8	8	4	6	Tr	7-8	4000	1	§ 1
Lympne	1009·8	-10	E	2	bc	54	75	8	2	6	2	1	2-3	2500	0	0
Manston	1009·5	-12	E'N	3	bc	52	85	7	2	3	8	Tr	2-3	2500	1	*
Shoeburyness	1009·8	-6	E'N	2	bc	53	85	8	2	6	8	2-3	4-6	4000	1	*
Felixstowe	1010·4	-8	E'S	2	c	53	75	8	8	3	8	4-6	7-8	4000	1	2
Gorleston	1010·4	-2	SE'E	2	bc	56	92	6	1	6	–	2-3	4-6	2500	1	2
Mildenhall	1009·5	-6	–	0	c	58	65	8	5	–	–	9+	9+	4000	0	*
Cranwell	1009·9	0	NW	3	z₀	54	85	6	8	–	–	9+	9+	2500	1	*
Birmingham	1008·8	-2	NNE	1	c	55	45	6	7	–	–	9+	9+	2500	1	*
Upper Heyford	1009·4	-10	E	1	bc	57	55	8	2	7	8	2-3	4-6	4000	1	*
Ross-on-Wye	1008·9	-6	E	3	bc	57	55	8	7	6	1	2-3	2-3	4000	1	*
Portland Bill	1008·3	-16	E	3	c	52	92	8	4	–	1	4-6	7-8	2500	1	3
Plymouth	1008·0	-4	E'N	3	bc	54	85	8	3	–	4	Tr	2-3	2500	0	1
The Lizard	1006·9	-16	NE'E	4	c	51	75	8	8	4	–	7-8	9	2500	0	3
Scilly (St. Mary's)	1006·6	-12	E'N	4	c	51	85	8	2	7	–	2-3	7-8	2500	0	2
Guernsey	1008·1	-12	ENE	2	c	52	92	8	8	2	–	7-8	9	4000	1	2
Pembroke	1008·3	-4	N'E	3	bc	53	65	8	5	7	–	1	2-3	4000	1	2
Holyhead	1010·3	+2	E'N	3	c	51	75	9	2	–	6	Tr	7-8	4000	1	1 *
Chester (Sealand)	1010·3	0	NW'W	3	z₀	54	55	6	9	9	–	4-6	9+	4000	0	*
Manchester	1010·6	+2	ENE	4	z₀	51	75	6	1	8	4	Tr	2-3	4000	1	
Spurn Head	1009·8	0	E	4	oF	45	97	1	5	–	–	10	10	<150	1	3
Catterick	1011·9	-2	NNE	3	o/r	45	92	5	5	–	–	10	10	800	1	*
Tynemouth	1012·6	0	E	3	ir₀	45	92	6	–	2	–	10	10	1500	1	2
Inchkeith	1013·2	0	E	4	c	45	97	8	5	–	–	10	10	4000	0	3
Leuchars	1014·5	0	ENE	3	c	47	85	8	8	–	–	9+	9+	1500	1	*
Renfrew (Abbots I.)	1013·1	+6	ENE	4	z₀	47	82	6	5	–	–	10	10	4000	0	*
Eskdalemuir	1012·6	0	ENE	3	c	43	92	7	5	–	–	10	10	1500	1	
Point of Ayre	1011·1	0	ENE	2	bc	50	92	8	–	7	5	0	2-3	–	0	1
Tiree	1012·4	-2	SSE	2	c	51	65	6	5	3	–	4-6	9	5700	0	1
Stornoway	1012·7	+6			bc	53	75	8	2	7	–	2-3	4-6	4000	1	1 *
Dalwhinnie	1013·4	+2	S	3	c	50	55	87	4	6	–	2-3	7-8	4000	0	
Aberdeen	1014·7	-2	SE'S	3	bc	45	85	6	8	–	–	4-6	4-6	1500	0	1
Wick	1014·6	+2	SE	2	c	45	85	8	5	7	–	4-6	7-8	1500	1	1
Lerwick	1015·7	0	S	2	o	42	92	8	5	–	–	10	10	800	0	
Blacksod Point	1009·5	+10	W	3	bc	51	85	9	2	–	–	2-3	2-3	2500	0	2
Malin Head	1011·0	+6	E	4	c	48	85	6	8	3	–	4-6	7-8	2500	0	2 *
Aldergrove	1010·5	+2	ESE	2	c	52	75	8	8	–	–	7-8	7-8	2500	1	
Birr Castle	1008·6	0	SSE	1	bc	58	55	8	5	8	–	2-3	4-6	4000	1	*
Valentia Obsy. †	1009·9	+4	NW'N	3	bc	53	65	9	8	–	1	2-3	2-3	2500	1	2
Roches Point	1009·6	0	SSE	3	c	53	65	9	2	5	–	2-3	7-8	2500	1	2

PAST 24 HOURS. — WEATHER

Stations	7h.—13h. 10th (37)	13h.—18h. 10th (38)	18h. 10th to 1h. 11th (39)	1h.—7h. 11th (40)
London (Kew)	cr₀cy	cycz₀	cz₀	cr₀cm₀
Croydon	cir₀r₀m₀	cz₀	cbm₀wo	omicr₀r₀
S. Farnborough	bccy	cypr₀bc	bccm₀	cor₀m₀o
Boscombe Down	bjfbcc	cybc	bcbm₀	bcpr₀c
Calshot (Sthmtn.)	bc	bc	bcb	bcr₀r₀m₀
Lympne	cm₀ir₀c	cbc⊕	bwcpr₀	cir₀cm₀
Manston	cr₀prcz₀	cz₀bc	bccr₀c	cRRmir
Shoeburyness	cm₀ir₀c	cbc	bc	mirc
Felixstowe	cm₀cir₀c	cbccbc	bc	cRRr₀r₀
Gorleston	oir₀m	cpr₀bc	bcc	pbrrr
Mildenhall	cm₀pr₀	cbcyc	cb	b,cir₀r₀
Cranwell	ofecbc	cz₀pr	cm₀cmm	offem₀
Birmingham	bbc	bc	bcc	com
Upper Heyford	bcm₀yc	cbcy	bcycm₀	cm₀
Ross-on-Wye	bbc	bcy	bcbbcc	com
Portland Bill	bcc	c	c	croro
Plymouth	cbcv	bcvy	bcyc	ciddcm₀
The Lizard	cbc	bcc	cbcc	cprcm
Scilly (St. Mary's)	cbc	bcc	cbc	cir₀
Guernsey	bcchc	cir₀	corr	IIiR
Pembroke	bc	bc	bq	cbcqz
Holyhead	bc	bcc	cbw	bw
Chester (Sealand)	bcz₀y	bcycz₀⊕	cz₀ybcm₀	bccmw
Manchester	cffid₀	cbcz₀	bcm₀	bffcm₀
Spurn Head	roff	Ffr	bFf	foc
Catterick	m₀rrir₀	r₀z₀r₀r₀m	omr₀m₀	cm₀om₀
Tynemouth	cir₀	oir₀	orr	o
Inchkeith	c	c	c	c
Leuchars	cid₀c	c	c	c
Renfrew (Abbots I.)	cm₀z₀c	ccz₀	cm₀d₀	cdm₀dc
Eskdalemuir	r₀r₀	cr₀r₀c	cm₀	cm₀pr₀c
Point of Ayre	crbc	bc	bcbbc	bcc
Tiree	c	cz₀	cz₀bcw	bcc
Stornoway	b	bbc	bcb	b,cm₀
Dalwhinnie	cbc	bcc	*	c
Aberdeen	oz₀c	cbc	bcz₀c	cbc
Wick	c	c	c	c
Lerwick	o	o	oc	cbc
Blacksod Point	c	bc	bc	bc
Malin Head	c	c	cbc	cbc
Aldergrove	cm₀c	cpr₀c	cbcc	dz₀w
Birr Castle	c	cbcy	bc	bccx
Valentia Obsy. †	bcc	cbc	bcbw	bwcb
Roches Point	bcv	bcvcr	cvbcw	bcwb

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 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.*

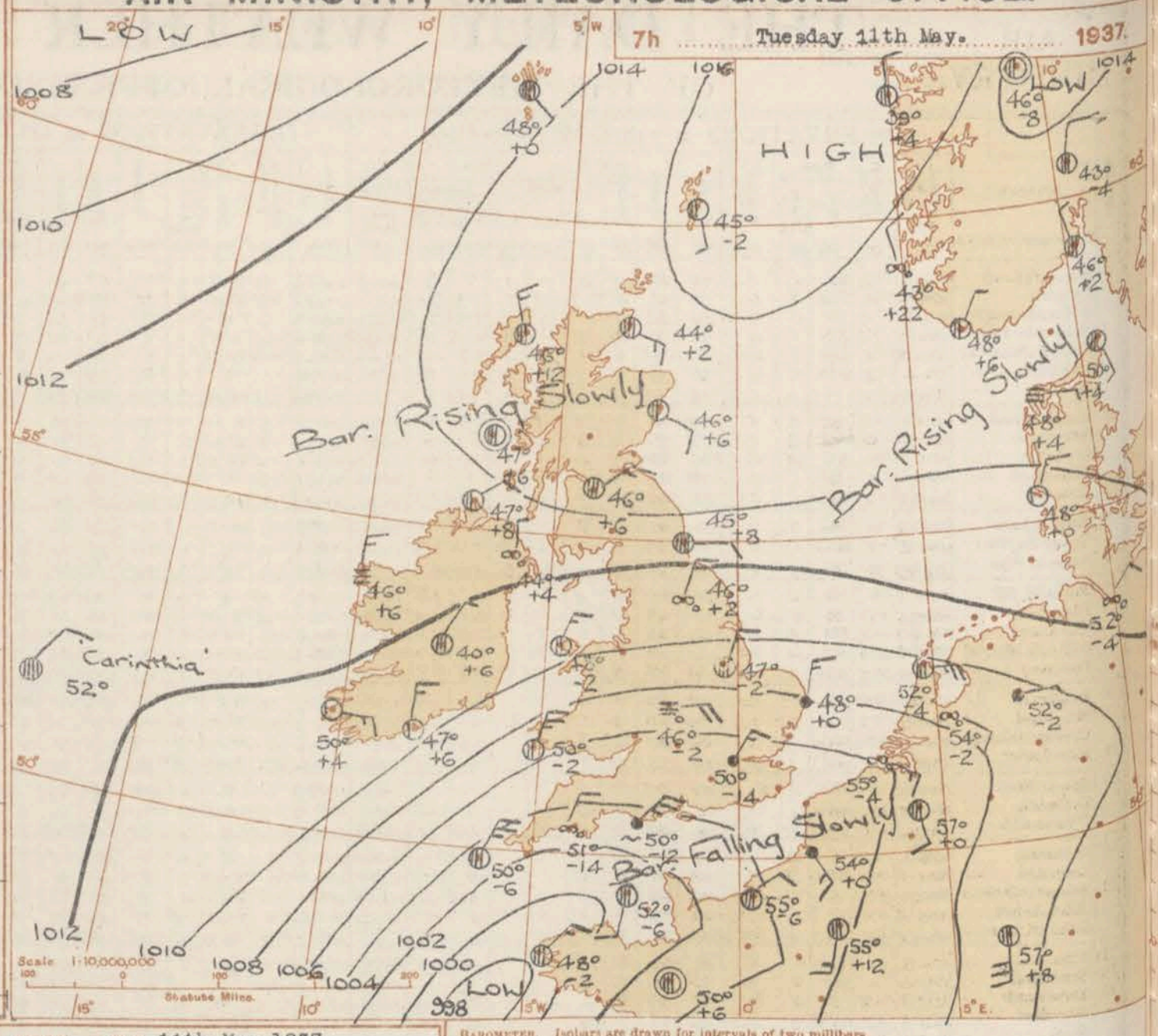
§ Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for Monday 10th May, 1937.

Districts	Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature (F) Min. 9h. 9th to 9h. 10th.	Temperature (F) Max. 9h.—17h. 10th.	Rainfall (mm) Night. 17h. 9th to 9h. 10th.	Rainfall (mm) Day. 9h.—17h. 10th.	Sunshine (Hrs) Sunrise to 17h. 10th.	Sunshine (Hrs) Sunrise to Sunset. 9th.
1	Tunbridge W.	ocp	ocbcc	46	60	Trace	Trace	0·7	0·0
	Bournemouth	b	b	43	60	0·3	–	10·2	0·2
	Ventnor ...	ocbc	b	47	64	–	–	8·8	1·8
	Southsea ...	cbc	cbc	48	58	–	–	8·0	2·3
	Bognor Regis	bcbc	bcbc	49	56	0·3	–	3·6	0·9
	Littlehampton	c	cpbc	48	55	0·6	0·4	2·8	1·4
	Worthing ...	c	cbcbbc	48	56	1	–	2·8	1·2
	Brighton ...	cb	bc	48	56	0·2	–	3·2	0·5
	Eastbourne† ...	oc	cbcc	49	57	1	–	4·3	1·2
	Hastings† ...	oc	bcbbc	49	56	1	–	2·9	0·2
	Folkestone ...	oc	cbcbb	46	59	Trace	–	5·4	0·1
	Dover ...	cbcc	cb	46	59	0·1	–	6·1	0·5
	Deal	oc	cb	47	57	0·5	–	5·7	0·0
	Ramsgate ...	c	cbc	48	56	0·4	–	5·0	0·0
	Margate ...	cdbc	bc	47	56	0·3	Trace	4·3	0·0
2	Southend ...	omc	c	46	60	7	–	2·1	0·0
	Maldon ...	odo	c	46	60	0·3	–	0·8	0·0
	Clacton-on-Sea	cpc	cbc	46	56	0·2	Trace	3·4	0·0
	Dovercourt ...	bococ	bc	46	58	0·4	–	3·4	0·0
	Lowestoft ...	circ	cbcb	45	58	2	–	3·0	3·9
	Skegness ...	dmcbc	bebb	45	56	5	–	4·2	1·4
	Mablethorpe...	omc	cbcpbc	44	54	4	Trace	3·8	0·3
	Cleethorpes ...	orbc	comc	45	51	1	Trace	0·5	2·0
3	Leamington S.	cbc	bc	43	61	1	–	8·0	0·0
4	Cheltenham†	bcc	bccrc	43	59	1	1	6·5	0·0
5	Bath	bcb	bcc	41	61	4	–	8·2	0·3
	Weymouth ...	b	b	42	58	–	–	11·7	1·2
	Jersey ...	rcbcc	bcc	49	59	2	Trace	2·5	3·4
	Torquay ...	wbc	byv	39	56	–	–	10·4	2·7
	Penzance ...	bbcb	b	45	58	–	–	9·7	7·1
	St. Ives ...	c	b	48	58	Trace	–	9·1	7·1
	Bude... ...	bc	cpbc	39	57	1	0·2	6·9	3·4
	Ilfracombe ...	opcbc	bcb	43	57	3	–	10·9	3·8
6	Aberystwyth	prcbc	bcc	43	55	3	–	9·2	2·4
7	Llandudno ...	bbc	bccbc	44	54	0·6	–	8·4	0·2
	Colwyn Bay...	bcbc	bbcbc	44	53	–	–	8·3	0·3
	Rhyl	cbc	bbc	44	55	1	–	10·1	0·3
8	Wallasey ...	b	b	44	55	3	–	9·2	0·7
	Southport ...	cbcb	bbc	45	59	5	–	8·3	2·2
	Blackpool ...	bc	bcb	45	56	3	–	6·7	3·5
	Morecambe ...	cbc	chbc	44	55	7	–	3·5	11·5
9	Ilkley... ...	rv	o	43	49	7	1	0·0	3·3
	Harrogate ...	ordd	odoc	42	45	5	2	0·0	1·3
10	Berwick-on-T.	o	o	43	47	–	–	0·0	0·2
11	Dunbar ...	cm	cm	42	47	–	–	0·0	0·0
12	Troon... ...	corcc	rorc	39	50	1	0·5	0·0	7·6
	Douglas ...	bc	bc	43	52	3	–	8·4	2·0

† 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 May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Moderate easterly winds; dull, rainy today, fairer periods with chance of thunder tomorrow; rather cool.
4 W. Midlands ... 5 S.W. England 6 South Wales ...	Fresh north to northeast winds; cloudy, local rain; average temperature.
7 North Wales ... 8 N.W. England	Light north winds; mainly fair; average temperature.
9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Light northeast winds; cloudy, occasional rain later; rather cool.
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	Light east to southeast winds; mainly fair; average temperature.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Light northeast winds; mainly fair; average temperature.

GENERAL INFERENCE.

A depression centred near Brest is moving slowly northwards. Weather will be mainly fair in the North and Northwest but dull and rainy in the Southeast today but fair periods tomorrow and temperatures rather low.

FURTHER OUTLOOK.

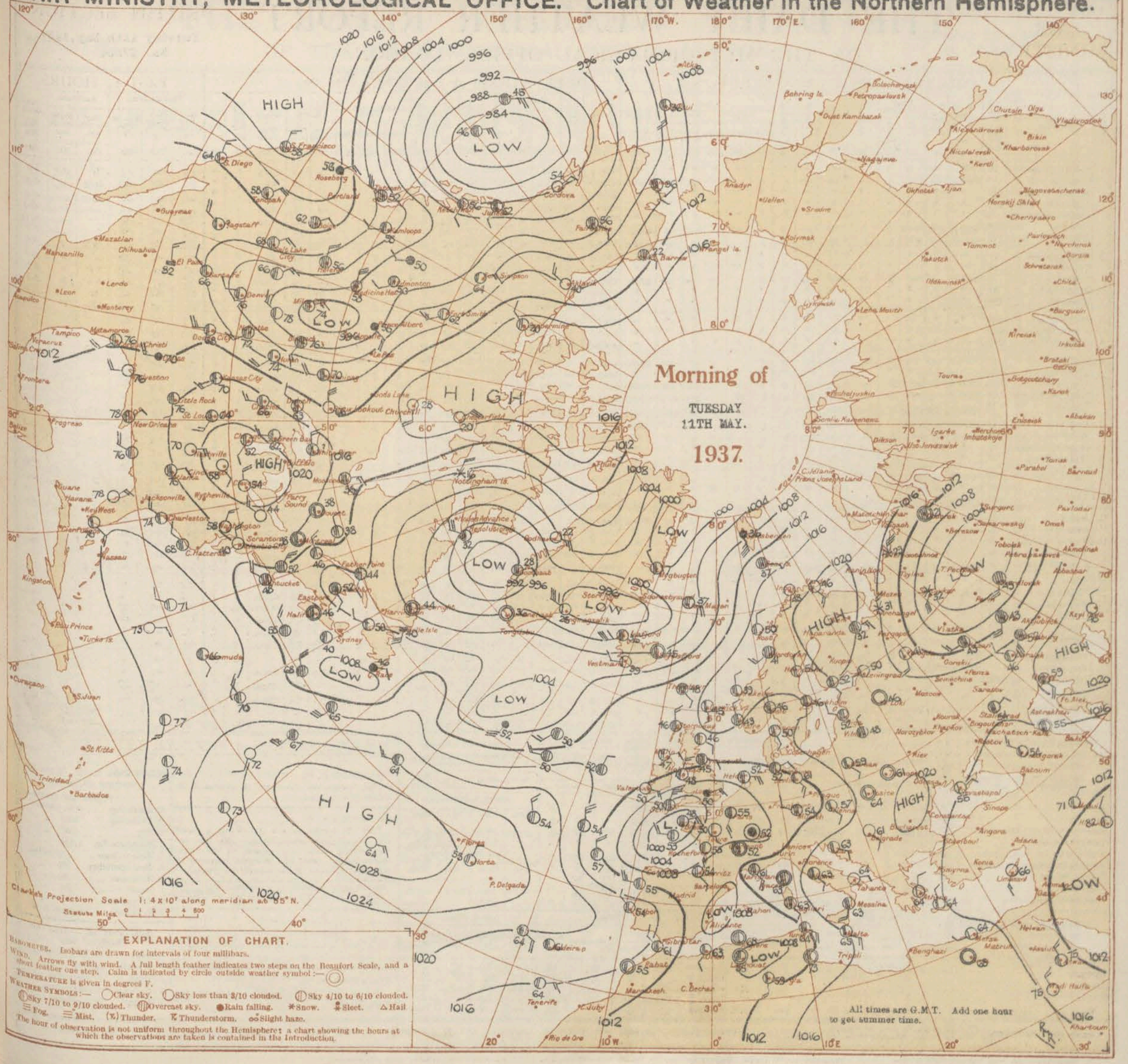
Changeable, thundery showers or thunderstorms.

Forecasts issued at 0930 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.



Page 4.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 11th May, 1937.
No. 27564

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

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	1008·3	-10	E'N	3	m	48	97	4	5	–	–	10	10	450
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1008·0	-16	ENE	3	c	52	85	7	5	7	–	4-6	7-8	4000
	Manston ...	142	1007·9	-12	E'S	3	c	51	85	7	5	–	–	10	10	4000
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1005·9	-8	NE	2	c	48	92	6	5	–	–	10	10	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1005·9	-20	NE	4	c	50	92	8	4	–	–	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1004·8	-16	NNE	4	c	49	85	8	8	–	–	7-8	7-8	2500
	Scilly (St. Mary's)	163	1005·2	-12	NE	5	bc	50	85	8	5	7	–	2-3	4-6	2500
	Guernsey ..	175	1004·3	-24	NNE	2	rr	50	97	6	5	–	–	10	10	2500
6	Pembroke ...	142	1008·7	0	ENE	4	q	46	85	8	5	–	–	1	1	4000
7	Holyhead ...	26	1010·8	-2	ENE	3	b	46	92	8	–	–	–	0	0	–
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1010·7	0	E'S	4	F	46	97	1	5	–	–	10	10	<150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1013·2	-2	E	3	r₀r₀	45	97	6	6	–	–	10	10	800
11	Inchkeith ...	190	1014·2	+2	E	3	c	45	92	8	5	–	–	10	10	4000
	Leuchars ...	38	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1012·3	+2	E	3	b	46	97	7	–	4	–	0	1	–
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1013·7	0	NW	3	b	46	92	7	1	–	–	Tr	Tr	4000
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1014·3	-4	SSE	3	c	44	92	8	5	1	–	4-6	7-8	1500
16	Lerwick ...	156	1016·7	+4	S	2	c	42	92	8	5	2	–	7-8	9+	800
17	Blacksod Point	18	1012·2	+6	–	0	bc	45	92	8	2	–	–	2-3	2-3	2500
18	Malin Head ...	84	1012·8	+6	NE	1	bc	47	85	7	4	–	–	4-6	4-6	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1011·0	+4	ENE	3	b	47	97	8	–	–	–	0	0	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
London (Kew)	1005·8	-8	NE	2	c/r	51	92	5	5	–	–	9+	9+	1500	1	*
Croydon	1005·5	-14	NE'E	3	dr	50	97	5	6	–	–	10	10	450	1	*
S. Farnborough	1005·6	-8	NE	3	z₀	50	92	5	5	–	–	10	10	450	1	*
Boscombe Down	1004·8	-14	NE'N	4	c/pr	49	92	6	5	2	–	7-8	10	800	1	*
Calshot (Sthmtn.)	1004·6	-10	NE'N	4	r₀r₀	52	92	5	6	2	–	9	10	800	1	§2
Lympne	1005·6	-8	NNE	4	z₀	51	92	5	5	2	–	9+	10	5700	1	3
Manston	1005·7	-6	E'N	4	ir	51	92	5	6	2	–	9+	10	1500	1	*
Shoeburyness	1006·6	-8	NE'E	4	ir	51	97	6	6	2	–	7-8	10	800	1	*
Felixstowe	1007·6	-2	NNE	3	c/r	50	97	6	5	2	–	9	10	600	1	2
Gorleston	1008·4	0	NNE	3	rr	48	97	5	6	–	–	10	10	1500	1	3
Mildenhall	1008·0	-4	ENE	4	r₀r₀	50	97	6	6	1	–	9+	10	450	1	*
Cranwell	1009·6	-2	NE'N	3	o/f	47	97	6	5	–	–	10	10	450	1	*
Birmingham	1005·1	-2	NE	3	m	46	97	4	5	–	–	10	10	450	1	*
Upper Heyford	1007·4	-8	NE'N	3	z₀	50	92	6	5	7	–	9+	10	800	1	*
Ross-on-Wye	1008·3	0	NE	4	m	45	92	4	5	–	–	10	10	800	1	*
Portland Bill	1002·9	-12	ENE	5	r₀r₀	50	92	7	5	–	–	10	10	1500	1	4
Plymouth	1002·7	-14	NE'N	4	z₀	51	85	6	5	2	7	2-3	10	4000	1	2
The Lizard	1002·1	-16	N	5	c	49	92	6	4	2	–	7-8	10	1500	1	2
Scilly (St. Mary's)	1003·4	-6	NE'N	5	c/r	50	92	6	8	2	–	4-6	10	1500	1	3
Guernsey	1001·3	-6	S'W	2	c/r	52	97	7	5	–	–	10	10	2500	2	2
Pembroke	1006·7	-2	NNE	5	q	50	75	6	5	6	1	2-3	4-6	4000	0	2
Holyhead	1010·5	-2	NE'N	3	bc	48	97	7	5	–	1	4-6	4-6	1500	0	2
Chester (Sealand)	1010·7	-2	N'W	1	z₀	47	85	6	8	–	–	7-8	7-8	4000	1	*
Manchester	1010·8	+2	ENE	3	z₀	47	92	5	5	–	–	10	10	800	1	*
Spurn Head	1010·5	0	NE'E	4	c	46	97	6	5	2	–	7-8	10	1500	0	3
Catterick	1011·9	+2	NNE	3	z₀	46	97	6	5	–	–	10	10	800	1	*
Tynemouth	1013·3	+8	E	2	o	45	92	8	6	–	–	10	10	800	1	2
Inchkeith	1014·6	+2	E	3	c	45	92	8	5	–	–	9+	9+	4000	0	2
Leuchars	1015·6	+10	NE	3	c	45	85	7	5	2	–	7-8	10	1500	1	*
Renfrew (Abbots I.)	1014·3	+6	ENE	3	c	46	85	7	5	–	–	10	10	2500	0	*
Eskdalemuir	1013·4	+4	NE'N	3	c	42	85	7	5	2	–	9+	10	1500	1	*
Point of Ayre	1012·0	0	E'N (NNE struck out)	4	c	47	97	7	8	6	–	7-8	10	2500	0	2
Tiree	1014·3	+6	–	0	c	47	85	8	5	–	–	9+	9+	4000	0	1
Stornoway	1014·1	+12	NNW	3	c	46	97	6	5	2	–	7-8	10	1500	1	1
Dalwhinnie	*	+2	SW	2	c	41	85	8	5	6	–	7-8	10	2500	0	*
Aberdeen	1015·4	+6	ESE	2	bc	46	75	8	7	–	–	2-3	2-3	2500	0	1
Wick	1014·7	+2	ESE	3	c	44	92	8	8	7	–	7-8	9	1500	1	2
Lerwick	1016·5	-2	SSE	1	bc	45	85	8	5	7	–	2-3	4-6	1500	0	*
Blacksod Point	1013·0	+6	N	3	cf+	46	97	5	–	2	–	0	10	–	0	2
Malin Head	1013·6	+8	ENE	2	bc	47	85	7	4	–	1	2-3	4-6	2500	0	2
Aldergrove	1013·0	+4	N	1	z₀	44	97	6	5	[illegible]	–	10	10	2500	1	*
Birr Castle	1011·6	+6	NE	1	c	40	97	7	5	–	–	9+	9+	2500	0	*
Valentia Obsy. †	1011·9	+4	E	3	b	50	85	9	–	–	–	0	0	–	1	2
Roches Point	1010·8	+6	N	3	b	47	85	9	–	–	–	0	0	-	1	2

PAST 24 HOURS.

Stations	Temperature Max. Day 7h-18h °F. (31)	Temperature Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall Day 7h-18h mm. (34)	Rainfall Night 18h-7h mm. (35)	Sunshine 10th Hrs. (36)
London (Kew)	62	48	42	Tr.	0·4	3·3
Croydon	59	47	42	0·2	1	0·8
S. Farnborough	61	48	39	0·1	0·1	4·4
Boscombe Down	60	46	44	–	Tr	10·0
Calshot (Sthmtn.)	58	50	47	–	1	11·6
Lympne	57	48	45	0·1	0·6	5·1
Manston	57	49	47	0·5	7	4·6
Shoeburyness	57	46	39	0·1	2	2·7
Felixstowe	56	48	46	Tr.	5	4·9
Gorleston	56	47	46	0·1	3	4·2
Mildenhall	61	47	43	Tr.	0·3	3·7
Cranwell	61	46	47	Tr.	Tr	5·0
Birmingham	57	44	40	–	–	7·1
Upper Heyford	60	45	42	–	–	*
Ross-on-Wye	60	45	42	–	–	11·0
Portland Bill	56	49	*	–	0·6	*
Plymouth	58	49	43	–	0·4	9·0
The Lizard	56	48	*	–	1	*
Scilly (St. Mary's)	57	49	*	–	Tr	8·6
Guernsey	56	49	49	Tr	23	9·2
Pembroke	55	46	*	–	–	13·3
Holyhead	56	44	40	–	–	11·2
Chester (Sealand)	58	37	30	–	–	9·1
Manchester	53	36	29	0·1	Tr	4·6
Spurn Head	49	44	*	2	0·6	0·0
Catterick	45	44	44	4	Tr	0·0
Tynemouth	46	44	43	1	6	0·0
Inchkeith	47	43	40	–	–	0·2
Leuchars	50	41	34	Tr.	–	1·2
Renfrew (Abbots I.)	50	44	42	–	Tr	0·1 (0·0 struck out)
Eskdalemuir	45	41	41	1	Tr	0·0
Point of Ayre	54	45	*	0·1	–	7·1
Tiree	52	39	31	–	–	3·2
Stornoway	56	42	*	–	–	13·3
Dalwhinnie	54	33	26	–	–	5·7
Aberdeen	47	43	41	–	–	1·1
Wick	46	41	*	–	–	*
Lerwick	43	41	*	–	–	0·0
Blacksod Point	61	41	*	Tr.	–	*
Malin Head	48	45	*	–	–	1·9
Aldergrove	55 (* struck out)	36	36	0·1	Tr	3·2
Birr Castle	59	35	27	–	–	10·0
Valentia Obsy. †	55	41	32	–	Tr	11·9
Roches Point	55	42	*	–	Tr	*

LONDON OBSERVATIONS

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

Station	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon	Weather Night	Temp. Day Max. °F.	Temp. Night Min. °F.	Temp. 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	cr₀cy	cycz₀	czf₀r₀m₀	62	48	42	Tr	0·4	3·3	*	*	4
Croydon	217	clr₀r₀m₀	cz₀	crmwr₀r₀	59	47	42	0·2	1	0·8	*	*	4
Greenwich (Royal Observatory)	149	6cbc	bcc	cbcr₀RRf	63	47	40	Tr	17	0·9	59	97	3
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·6	*	*	*
Westminster (St. James' Park)	27	*	*	*	59	48	44	13		0·7	57	95	*
Regents Pk (Botanic Gardens)‡	168	*	*	*	58	47	44	Tr	13	0·4	60	97	*
Camden Square	110	crc	c	*	57	47	41	Tr	1	*	*	96	*
Kensington	80	coco	co	*	59	47	43	Tr	10	0·8	At 18h. 68	96	*
Hampstead Observatory	450	ob	bc	cor	55	44	34	Tr	12	0·7	*	98	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
0·8	18-21h 10th	<0·3	2-4h 11th

Kew Observatory Max.	Time.	Min.	Time.
0·3	20h 10th	<0·1	17h 10th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 10th May Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 11th May Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1008·0	–	0	c	61	1005·5	SSW	3	c	55	61	52	2	1
Brussels	1005·4	ENE	2	c/pr	61	1006·6	SSE	2	c	57	64	52	Tr	Tr
Berlin	1012·6	E	1	z₀	63	1012·0	SE	3	bc	61	66	54	12	Tr
Zurich						1011·2	NNW	1	c	55	–	54		–
Rome	1016·3	W	2	bc	63	1017·3	SE	2	c	63	*	*	–	–

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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 12th May, 1937.
No. 27565

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1004·8	0	E'N	3	ir	52	97	4	5	2	–	10	10	800
	Croydon ...	1004·7	−2	E'N	3	c/r	52	97	5	–	2	–	10	10	450
	S. Farnborough	1004·2	−2	ENE	3	rr	52	97	5	–	2	–	10	10	800
	Boscombe Down	1003·9	−2	NE'E	4	rr	50	97	5	6	2	5–	9	10	800
	Calshot (Sthmtn.)	1004·1	+4	SSW	3	c/r	55	92	8	8	8	–	4·6	7·8	1500
	Lympne ...	1005·6	+2	SE'E	2	c/r	54	97	5	5	2	–	7·8	10	450
	Manston ...	1005·1	−6	SE	2	rr	55	97	4	6	2	–	9	10	450
2	Shoeburyness ...	1005·8	−2	NE	3	rr	51	97	4	–	2	–	10	10	1500
	Felixstowe ...	1006·4	−2	NE	3	ir	50	92	5	6	2	–	7·8	10	800
	Gorleston ...	1007·2	−4	NE'N	5	ir	48	92	5	6	–	–	10	10	1500
	Mildenhall ...	1006·4	−6	ENE	4	rr	51	97	5	6	–	–	10	10	800
	Cranwell ...	1008·5	−6	NE'N	4	rr	48	97	6	6	2	–	9+	10	800
3	Birmingham ...	1007·0	−4	ENE	3	rr	50	92	5	6	–	–	10	10	800
	Upper Heyford	1006·0	−2	NE	4	rr	51	92	6	6	2	–	9+	10	800
4	Ross-on-Wye	1005·8	−14	NE	4	rr	51	92	4	6	–	–	10	10	1500
5	Portland Bill ...	1002·6	−16	SSW	3	bc	54	92	8	3	–	–	4·6	4·6	2500
	Plymouth ...	1002·1	−2	N'E	4	RR	50	92	6	–	2	–	10	10	2500
	The Lizard ...	1002·6	+4	N	4	rr	49	97	6	6	2	–	9	10	1500
	Scilly (St. Mary's)	1003·0	+4	NNE	6	ir	56	85	7	8	7	–	4·6	10	1500
	Guernsey ...	1002·7	+8	E'S	1	oc	57	75	9	2	7	–	2·3	4·6	2500
6	Pembroke ...	1005·6	−4	NNE	5	q	56	65	7	5	1	–	7·8	9+	2500
7	Holyhead ...	1009·2	−10	NE'N	5	c	51	85	7	7	1	–	1	10	1500
	Chester (Sealand)	1009·0	−8	NE	4	z	54	75	5	5	2	–	9+	10	1500
8	Manchester ...	1009·7	−2	NE	4	z	51	75	6	5	–	–	10	10	1500
10	Spurn Head ...	1009·3	−4	NE'E	5	pr	47	92	7	5	2	–	7·8	10	1500
	Catterick ...	1012·3	−2	NE	3	c	49	75	8	8	7	–	7·8	10	1500
	Tynemouth ...	1012·6	0	ENE	3	c	48	92	7	5	–	–	9+	9+	1500
11	Inchkeith ...	1014·6	0	NE	3	c	48	92	8	5	–	–	7·8	7·8	4000
	Leuchars ...	1015·1	+4	E	3	bc	52	65	8	8	–	–	2·3	2·3	2500
12	Renfrew (Abbots I.)	1013·5	−6	ENE	2	c	53	65	7	7	–	–	9+	9+	4000
	Eskdalemuir ...	1013·0	−4	NE'E	4	c	47	75	8	5	–	–	9+	9+	2500
	Point of Ayre...	1011·3	−2	E'N	4	b	52	85	7	–	9	–	0	1	–
13A	Tiree	1014·1	0	NNW	2	b	54	75	8	1	–	–	1	1	4000
13B	Stornoway ...	1014·3	0	SE	3	bc	50	85	7	2	–	–	2·3	2·3	4000
15	Dalwhinnie ...	1014·0	0	SW	1	c	51	55	8	5	–	–	10	10	4000
	Aberdeen ...	1016·4	+4	ESE	3	bc	51	65	8	1	3	–	1	2·3	4000
16	Wick ...	1014·9	+4	SSE	2	bc	48	75	8	8	1	–	2·3	4·6	1500
	Lerwick ...	1015·7	−6	S	3	c	46	85	8	8	7	–	4·6	7·8	1500
17	Blacksod Point	1012·8	−8	NW	3	bc	55	75	9	1	–	–	2·3	2·3	2500
18	Malin Head ...	1014·1	+2	E	2	bc	50	75	7	1	3	–	1	2·3	2500
	Aldergrove ...	1012·4	−6	NE	2	c	53	65	7	5	–	–	9+	9+	2500
19	Birr Castle ...	1011·2	−6	NW	1	c	52	65	8	5	2	–	7·8	10	2500
20	Valentia Obsy. †	1011·8	−2	NNE	3	b	58	65	9	1	–	–	1	4	4000
	Roches Point	1009·9	0	NNE	4	bc	58	65	9	2	–	–	4·6	4·6	2500

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

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)	1005·0	0	SW	2	bc	62	65	8	7	–	–	2·3	2·3	2500	1	*
	Croydon ...	1004·8	0	SW	2	bc	59	65	8	4	6	3	1	2·3	4000	1	*
	S. Farnborough	1004·6	+2	S'W	1	bc	58	65	8	2	6	4	2·3	4·6	4000	1	*
	Boscombe Down	1004·1	+6	S'W	3	c	58	55	8	8	2	–	7·8	7·8	2500	1	*
	Calshot (Sthmtn.)	1004·6	+2	ESE	3	c	55	85	8	8	7	–	4·6	7·8	2500	1	1
	Lympne ...	1006·1	+2	SSE	2	bc	57	75	9	8	6	3	1	2·3	4000	1	1
	Manston ...	1005·5	−2	W	1	b	59	65	8	8	–	1	1	1	4000	1	*
2	Shoeburyness ...	1005·7	0	ESE	2	bc	55	85	8	2	7	4	1	2·3	5700	1	*
	Felixstowe ...	1006·1	+2	NE'E	1	c/r	52	97	5	5	8	–	4·6	7·8	1500	1	1
	Gorleston ...	1006·7	−4	NE'E	3	o	49	92	6	6	–	–	10	10	2500	1	3
	Mildenhall ...	1006·0	0	E'N	3	ir	51	97	5	6	–	–	10	10	800	1	*
	Cranwell ...	1007·7	−6	NNE	4	RR	45	97	6	6	2	–	9+	10	450	1	*
3	Birmingham ...	1006·8	+2	NE	4	rr	46	97	4	6	–	–	10	10	800	1	*
	Upper Heyford	1005·9	0	NE	3	c	49	97	6	5	–	–	10	10	800	1	*
4	Ross-on-Wye	1006·0	0	ENE	4	c/r	48	97	6	6	–	–	10	10	1500	1	*
5	Portland Bill ...	1004·0	+6	ESE	3	c	52	92	8	4	–	2	4·6	7·8	2500	2	3
	Plymouth ...	1003·3	+10	SE	2	bc	55	75	8	8	3	2	2·3	4·6	2500	1	1
	The Lizard ...	1003·0	0	N'W	4	pr	50	97	7	6	7	–	9	10	1500	1	2
	Scilly (St. Mary's)	1004·6	+4	N'E	5	rr	49	97	6	6	2	–	7·8	10	1500	1	3
	Guernsey ...	1002·8	0	SE	1	c/pr	57	75	9	8	1	–	4·6	7·8	2500	1	2
6	Pembroke ...	1004·7	−2	NE	3	ir	53	85	5	5	–	–	10	10	2500	1	2
7	Holyhead ...	1009·0	+6	ENE	4	c	52	75	7	5	6	1	4·6	7·8	2500	0	3
	Chester (Sealand)	1008·9	0	N'E	4	z	51	75	6	5	–	–	10	10	2500	1	*
8	Manchester ...	1009·0	−4	ENE	5	ir	50	75	6	5	2	–	4·6	10	1500	1	*
10	Spurn Head ...	1008·3	−8	NE	5	rr	45	97	6	5	–	–	10	10	1500	1	4
	Catterick ...	1012·2	0	NE'N	4	z	47	85	6	9	7	–	9	9+	1500	1	*
	Tynemouth ...	1013·3	0	NE	3	c	46	92	8	2	–	–	9	9	1500	1	2
11	Inchkeith ...	1013·5	−4	E	2	bc	50	85	8	8	–	–	4·6	4·6	4000	0	1
	Leuchars ...	1014·6	−6	E	3	bc	49	85	8	7	–	–	4·6	4·6	2500	1	*
12	Renfrew (Abbots I.)	1013·2	−2	ENE	3	b	52	65	8	1	–	–	Tr	Tr	5700	0	*
	Eskdalemuir ...	1013·3	+4	ENE	3	c	46	75	8	5	–	–	10	10	2500	1	*
	Point of Ayre...	1011·1	−2	ENE	4	bc	50	92	7	–	4	7	0	4·6	–	0	3
13A	Tiree																
13B	Stornoway ...	1014·2	0	NE	4	b	50	85	8	1	4	–	1	2·3	4000	1	2
15	Dalwhinnie ...	1013·7	−2	SE	3	c	53	55	8	4	6	–	4·6	9	4000	0	*
	Aberdeen ...	1015·0	−2	SE'E	3	b	47	85	7	7	–	–	1	1	2500	0	1
16	Wick ...	1014·8	−2	SE	4	bc	46	85	8	7	7	–	2·3	4·6	2500	0	2
	Lerwick ...	1016·0	+2	S	3	c	46	85	8	8	7	–	4·6	7·8	1500	0	*
17	Blacksod Point	1012·5	−6	N	4	bc	54	75	8	2	–	–	2·3	2·3	1500	0	4
18	Malin Head ...	1013·5	0	E	1	bc	50	75	7	8	4	–	2·3	2·3	2500	0	1
	Aldergrove ...	1012·1	−2	NE	3	b	53	65	7	4	–	–	1	1	2500	1	*
19	Birr Castle ...	1011·2	−6	NE	1	c	52	75	8	5	–	–	7·8	7·8	2500	0	*
20	Valentia Obsy. †	1011·7	+2	N'W	1	b	55	65	9	7	–	1	1	1	4000	0	2
	Roches Point	1009·2	−6	NNE	4	bc	57	55	8	2	4	–	1	2·3	2500	0	2

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. (37)	Weather. 13h.—18h. (38)	Weather. 18h. 11th to 1h. 12th (39)	Weather. 1h.—7h. 12th (40)
1	London (Kew)	cRRrm	cmbc	bcbw	omw
	Croydon ...	rrRRm	rbcc	bbmow	bmwoffe
	S. Farnborough	rRrmo	rrombc	bcb	bofew
	Boscombe Down	crrrm	crrmbc	bcyb	bcffom
	Calshot (Sthmtn.)	crrrz	cbcbbc	cbcbw	bcwbro
	Lympne ...	omrr	ofrbc	bw	bwbcc
	Manston ...	cirmfrm	bcb	bcprbw	bwbc
2	Shoeburyness ...	rrRmo	irbc	bcb	bmofefe
	Felixstowe ...	crrrrir	crrmbc	bcmnirF	FFfom
	Gorleston ...	oir	oirz	opcbff	boffe
	Mildenhall ...	rrfirr	rrrroir	ombffe	odfffe
	Cranwell ...	mrrr	rrrRR	RRrrr	ofefe
3	Birmingham ...	orr	orr	rrr	o
	Upper Heyford	crrrir	crrr	ommom	omom
4	Ross-on-Wye	omrm	rmRmr	ro	om
5	Portland Bill ...	Rrc	bcc	bcb	bproc
	Plymouth ...	cdmrm	cRRbcv	bcvbbc	bcrr
	The Lizard ...	cRr	rrcpr	cprbc	bcc
	Scilly (St. Mary's)	cirr	crrr	rrddm	oidrmc
	Guernsey ...	ocbc	bcprr	cirr	cirbc
6	Pembroke ...	bcqzc	cmpo	cqc	c
7	Holyhead ...	c	cbc	crro	rroc
	Chester (Sealand)	bccm	crzo	cRRrm	crodm
8	Manchester ...	cm	czo	rrRRrr	rrom
10	Spurn Head ...	cpr	orr	rrd	prmo
	Catterick ...	omc	cm	cmomo	omrr
	Tynemouth ...	oc	c	c	corr
11	Inchkeith ...	c	cbc	bcc	c
	Leuchars ...	cbc	bc	bcbwc	cwc
12	Renfrew (Abbots I.)	c	cbcb	bcrm	c
	Eskdalemuir ...	c	cbcc	cbc	bcc
	Point of Ayre...	cbc	bc	bcb	bcc
13A	Tiree	bc		bw	bw
13B	Stornoway ...	cbc	bcb	b	bbc
15	Dalwhinnie ...	c	c	c	cbc
	Aberdeen ...	bcb	b	bbcw	bcwc
16	Wick ...	c	bc	bc	bcc
	Lerwick ...	bcc	c	bc	bccw
17	Blacksod Point	bc	bc	bc	b
18	Malin Head ...	bc	bc	bc	bc
	Aldergrove ...	cmc	cb	b	bwmb
19	Birr Castle ...	c	c	cbc	bcoff
20	Valentia Obsy. †	b	b	bbc	bcbw
	Roches Point	bbc	bcy	bcybc	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.*

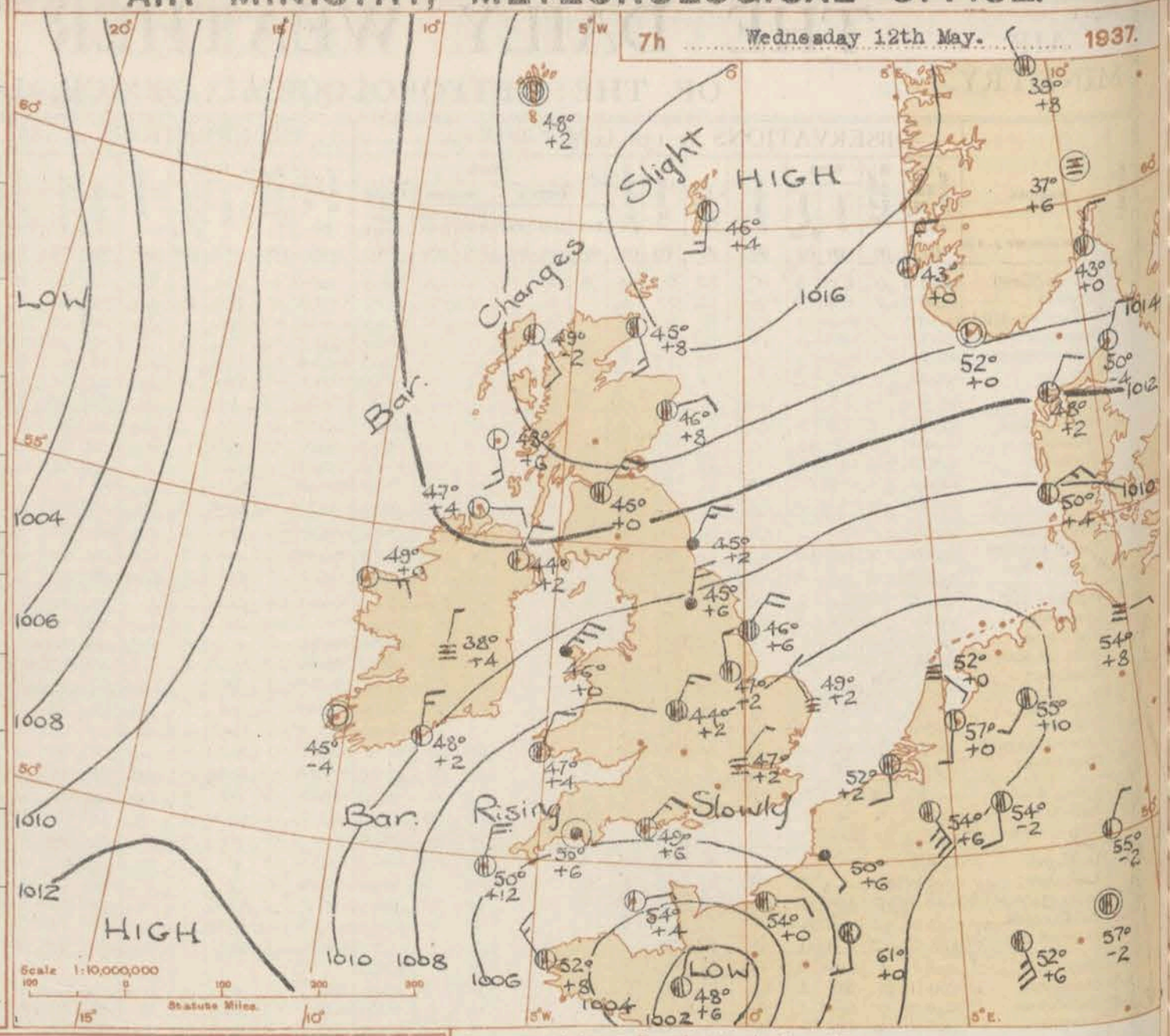
† Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for Tuesday, 11th May 1937.

Districts	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature (°F) Min. 9h. 10th to 9h. 11th.	Temperature (°F) Max. 9h.—17h. 11th.	Rainfall (mm) Night. 17h. 10th to 9h. 11th.	Rainfall (mm) Day. 9h.—17h. 11th.	Sunshine Hrs. Sunrise to 17h. 11th.	Sunshine Hrs. Sunrise to Sunset. 10th.
1	Tunbridge W.	oro	cbcb	46	63	6	1	2·3	0·7
	Bournemouth	r	b	46	60	7	9	4·3	12·2
	Ventnor ...	orbc	bbcu	50	59	15	2	4·8	9·1
	Southsea ...	oro	cbc	50	61	1	1	5·1	8·7
	Bognor Regis	oroc	cbcbc	49	57	4	1	3·6	4·2
	Littlehampton	orc	cbc	49	58	10	1	3·8	3·3
	Worthing ...	or	bcb	50	58	8	0·5	3·8	3·8
	Brighton ...	crc	cb	50	59	4	0·5	3·6	3·7
	Eastbourne† ...	oro	ocbjcu	50	62	3	0·2	3·8	4·4
	Hastings† ...	opc	bcbbc	49	62	3	0·5	2·5	3·2
	Folkestone ...	omir	orbcb	51	61	4	4	1·4	6·6
	Dover ...	moirf	forb	51	58	8	2	1·4	7·6
	Deal	rro	rrob	50	61	3	2	1·2	7·0
	Ramsgate ...	rc	crcrbc	50	57	6	3	0·9	6·0
	Margate ...	cr	cdbc	50	57	5	2	0·5	5·8
2	Southend ...	or	orb	47	56	2	5	0·6	2·1
	Maldon ...	ror	roc	45	54	5	3	0·0	0·8
	Clacton-on-Sea	oir	oirm	49	53	3	3	0·0	3·8
	Dovercourt ...	roc	roc	50	52	4	2	0·0	4·4
	Lowestoft ...	cir	cir	47	49	9	3	0·0	4·6
	Skegness ...	corr	orro	45	50	–	13	0·1	5·6
	Mablethorpe...	cop	oRq	46	50	–	14	0·0	4·0
	Cleethorpes ...	cor	orr	46	50	0·3	5	0·0	0·5
3	Leamington S.	co	or	47	53	–	10	0·0	8·0
4	Cheltenham†	oir	orr	45	52	–	6	0·0	7·2
5	Bath	cir	crr	49	55	Trace	5	0·0	8·6
	Weymouth ...	rp	b	49	58	6	8	4·8	13·1
	Jersey ...	rrcbc	bcpbc	49	59	16	0·1	5·5	2·5
	Torquay ...	oRr	rpcb	52	55	3	21	3·8	11·6
	Penzance ...	crr	rrc.	48	53	–	15	0·0	10·3
	St. Ives ...	r	r	49	51	–	13	0·0	11·8
	Bude... ...	or	r	47	53	–	12	0·1	8·9
	Ilfracombe ...	bcco	orr	48	53	–	11	0·4	13·3
6	Aberystwyth	bc	oc	46	59	–	–	7·5	10·9
7	Llandudno ...	co	o	41	52	–	–	0·1	9·9
	Colwyn Bay...	o	o	40	52	–	–	0·1	9·8
	Rhyl	cm	crm	37	55	–	Trace	0·1	10·4
8	Wallasey ...	op	o	41	55	–	Trace	0·6	9·9
	Southport ...	coc	bcbcc	42	57	–	–	1·8	8·7
	Blackpool ...	c	c	43	56	–	–	3·0	8·8
	Morecambe ...	bccbc	cbbcc	45	55	–	–	2·2	4·7
9	Ilkley... ...	od	odoc	45	51	–	Trace	0·3	0·0
	Harrogate ...	oir	oc	43	50	0·2	1	0·0	0·0
10	Berwick-on-T.	c	c	43	49	–	–	0·6	0·0
11	Dunbar ...	bcm	bc	44	49	–	–	2·1	0·0
12	Troon... ...	cocbc	cbcc	45	54	–	–	1·5	0·0
	Douglas ...	bcz	bcz	38	55	–	–	7·1	9·4

† 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. 12th May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England 6 South Wales ...	Light east or northeast winds; cloudy; occasional rain; rather cool.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Light or moderate northeast winds; cloudy; intermittent light rain at first; rather cool.
13 A. W. Scotland. B. N.W. Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Light or moderate southeast to south winds; mainly fair; rather cool.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Light variable wind; mainly fair at first; occasional rain later; average temperature.

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

GENERAL INFERENCE.

A depression over Northwest France is filling up and a large depression in mid-Atlantic is extending eastwards. Weather will be fair in Scotland and in Ireland at first, elsewhere weather will be cloudy with occasional rain.

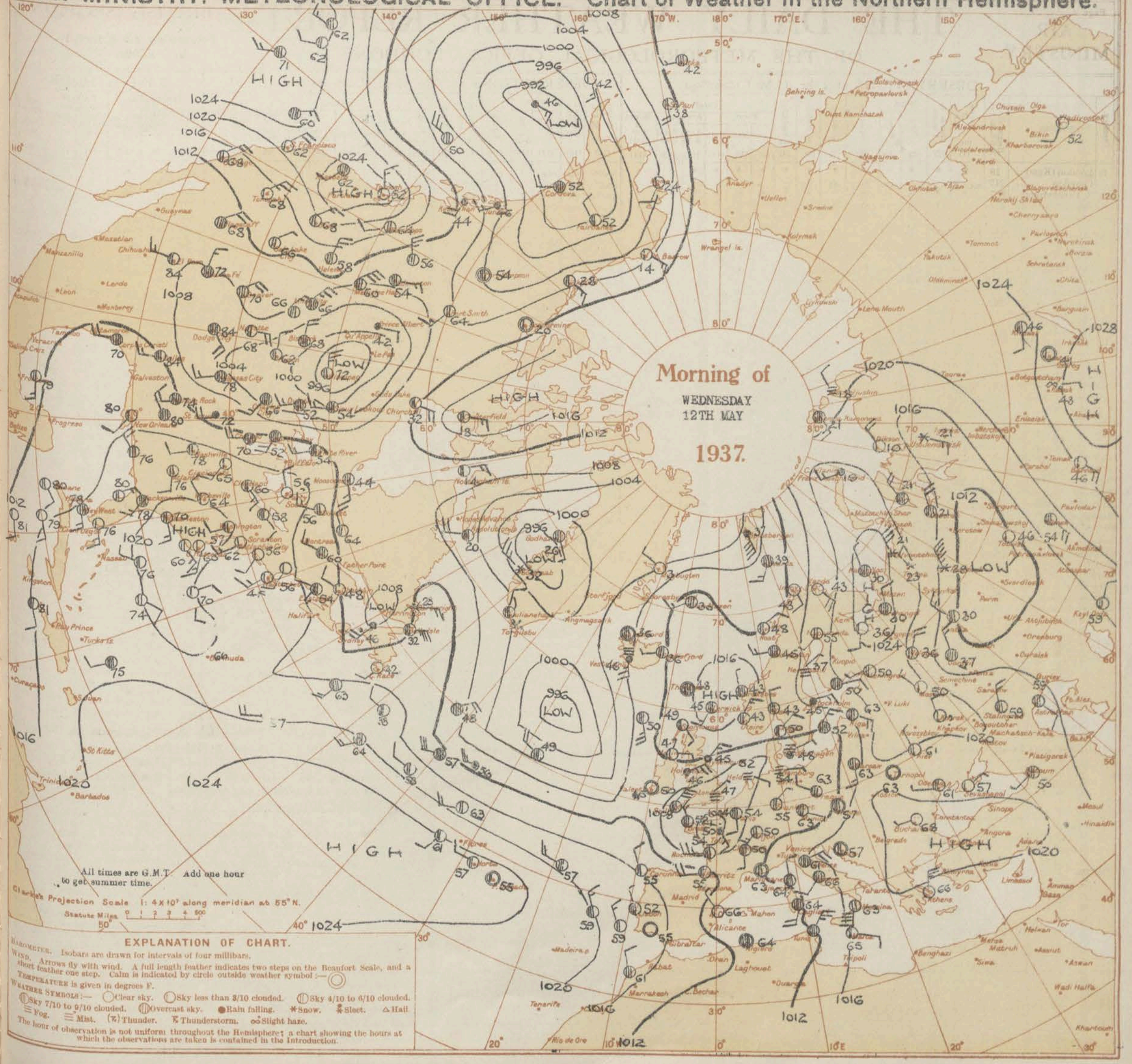
FURTHER OUTLOOK.

Changeable.

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.



Page 4.

AIR MINISTRY.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 12th May, 1937.
No. 27565

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

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	1006.9	+2	–	0	b	43	97	6	–	–	–	0	0	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	348	1007.3	-6	ESE	2	b	47	85	8	–	–	–	0	0	–
	Manston ...	142	1006.4	-6	–	0	b	50	85	8	–	–	–	0	0	–
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1007.3	0	WSW	3	bF	48	97	1	–	–	–	0	0	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1004.6	+4	ENE	3	b	51	92	8	–	–	–	0	0	–
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1004.6	+2	N	3	bc	45	97	8	4	–	–	2.3	2.3	2500
	Scilly (St. Mary's)	163	1005.5	+2	NNE	3	d.d.	50	97	6	5	–	–	10	10	1500
	Guernsey ..	175	1004.0	-2	E	1	ir₀	51	92	6	8	–	–	10	10	2500
6	Pembroke ...	142	1006.9	+2	NE	3	c	48	92	7	5	–	–	9+	9+	2500
7	Holyhead ...	26	1009.6	-2	NE'E	4	r₀r₀	46	92 [corrected]	7	–	2	–	10	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1007.9	-6	E'N	4	d.d₀	46	97	6	5	–	–	10	10	220
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1012.5	-8	NE	3	c	45	97	7	9	–	–	7.8	7.8	800
11	Inchkeith ...	190	1014.5	+2	E	3	c	45	92	8	5	1	–	4.6	7.8	4000
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1011.6	0	E'N	5	b	46	92	8	–	–	–	0	0	–
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1014.3	-4	NNW	2	b	41	92	7	5	–	–	1	1	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	77	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1015.7	+2	SSE	3	bc	45	85	8	5	7	–	2.3	2.3	2500
16	Lerwick ...	156	1016.9	0	SW	2	bc	43	92	8	8	–	–	4.6	4.6	1500
17	Blacksod Point	18	1012.2	-6	E	3	b	48	85	8	–	–	–	0	0	–
18	Malin Head ...	84	1013.2	-6	SSE	1	b	43	92	7	–	–	–	0	0	–
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1011.6	-2	W'N	3	bc	49	97	8	7	–	–	4.6	4.6	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)
1	London (Kew)	1007.1	+2	NE	1	m	49	97	4	5	–	–	10	10	800	1	*
	Croydon	1007.1	+2	NE'E	1	f-	47	97	3	–	–	–	10	10	<150	1	*
	S. Farnborough	1007.0	+2	N'E	2	cf-	47	97	3	5	–	–	10	10	450	1	*
	Boscombe Down	1007.0	+18	ENE	1	z₀	48	97	5	5	–	–	10	10	450	1	*
	Calshot (Sthmtn.)	1006.6	+6	N	2	z₀	49	92	6	5	7	–	4.6	9+	4000	1	1
	Lympne	1006.6	-2	NNE	3	c	51	85	8	8	8	–	4.6	7.8	4000	1	§0
	Manston	1006.5	+2	NNE	3	c	52	85	7	5	3	6	1	7.8	450	1	*
2	Shoeburyness	1007.3	+2	N'W	2	f	46	92	2	–	–	–	10	10	<150	1	*
	Felixstowe	1007.6	+4	N'W	3	m	45	97	4	5	–	–	10	10	220	1	1
	Gorleston	1007.7	+2	NW'N	2	f	49	97	2	–	–	–	10	10	<150	1	2
	Mildenhall	1007.9	+6	NNE	1	m/f	49	97	4	5	–	–	10	10	450	1	*
	Cranwell	1008.1	+2	N'W	1	c/f	47	97	6	5	–	–	9	10	800	1	*
3	Birmingham	1008.6	+2	NE	3	o	44	97	5	6	–	–	10	10	450	1	*
	Upper Heyford	1008.0	+4	NNE	3	c	48	92	6	5	2	–	9	10	450	1	*
4	Ross-on-Wye	1008.1	+4	ENE	3	z₀	47	92	5	5	–	–	10	10	800	1	*
5	Portland Bill	1005.2	+6	ENE	3	c	49	92	8	4	–	–	7.8	7.8	2500	1	3
	Plymouth	1006.0	+6	–	0	ir₀	50	97	8	5	2	–	7.8	9	2500	1	0
	The Lizard	1006.2	+10	N	2	c	49	92	8	4	7	–	9	9+	2500	1	2
	Scilly (St. Mary's)	1006.9	+12	NNE	4	c	50	92	7	8	6	–	7.8	9	1500	1	3
	Guernsey	1004.4	+4	E'N	1	bc	54	85	8	7	7	–	2.3	4.6	2500	1	1
6	Pembroke	1007.4	+4	NE'N	2	c	47	85	7	5	–	–	9+	9+	2500	1	1
7	Holyhead	1008.9	0	NE'E	5	id₀	46	92	6	5	2	–	7.8	10	800	1	3
	Chester (Sealand)	1009.2	+2	NW	1	c/d	47	92	6	5	–	–	10	10	1500	1	*
8	Manchester	1009.0	0	NE'N	2	c	47	85	7	5	–	–	10	10	1500	1	*
10	Spurn Head	1008.2	+6	NE'E	4	o	46	97	6	5	–	–	10	10	1500	1	3
	Catterick	1011.3	+6	N'E	4	r₀6	45	97	6	6	2	–	9+	10	450	1	*
	Tynemouth	1012.2	+2	NE	3	r₀r₀	45	92	7	6	–	–	10	10	800	1	2
11	Inchkeith	1015.8	-4	NE	4	c	45	92	8	5	–	–	9+	9+	2500	0	3
	Leuchars	1015.0	+2	NE	2	c	46	85	8	5	–	–	9+	9+	2500	1	*
12	Renfrew (Abbots I.)	1014.1	0	NE'E	3	c	45	75	8	5	–	–	10	10	2500	0	*
	Eskdalemuir	1012.9	+2	NE'N	4	c	43	75	7	5	–	1	9+	9+	1500	0	*
	Point of Ayre	1010.8	0	E'N	5	c	46	92	8	8	4	–	7.8	9	2500	0	4
13A	Tiree	1013.3	+6	S'E	3	b	48	85	8	–	–	–	0	0	–	0	1
13B	Stornoway	1014.2	-2	SE	2	bc	49	85	7	1	5	–	1	4.6	4000	0	1
15	Dalwhinnie	1015.9	+6	S	3	b	42	75	7	4	6	–	1	1	4000	0	*
	Aberdeen	1015.7	+8	E'N	2	c	46	75	8	5	–	–	9+	9+	2500	0	1
	Wick	1015.9	+8	SSE	3	c	45	75	8	5	7	–	4.6	9+	1500	0	2
16	Lerwick	1017.3	+4	SSW	3	c	45	85	8	8	7	–	4.6	7.8	1500	0	*
17	Blacksod Point	1011.5	0	E	3	b	49	75	7	–	–	–	0	0	–	0	3
18	Malin Head	1012.9	+4	E	2	b	47	85	7	1	–	–	1	1	2500	0	2
	Aldergrove	1012.3	+2	NE	2	bc	44	85	7	5	5	–	2.3	2.3	800	1	*
19	Birr Castle	1011.4	+4	N'E	1	cf	38	97	3	5	–	–	10	10	2500	0	*
20	Valentia Obsy. †	1011.1	-4	–	0	b	45	92	7	–	–	–	0	0	–	1	2
	Roches Point	1009.9	+2	N	3	bc	48	85	7	5	4	–	4.6	4.6	2500	0	2

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 11th Hrs. (36)
1	London (Kew)	62	42	32	9	Tr	2.5
	Croydon	60	41	35	9	Tr	3.7
	S. Farnborough	60	38	31	7	0.1	3.7
	Boscombe Down	59	42	38	3	–	4.1
	Calshot (Sthmtn.)	60	(45) 47	45	5	0.1	4.2
	Lympne	59	44	36	4	Tr	2.8
	Manston	59	41	33	2	Tr	2.6
2	Shoeburyness	56	41	33	4	–	2.4
	Felixstowe	52	40	38	3	0.2	0.1
	Gorleston	45	47	46	6	0.1	0.0
	Mildenhall	51	45	44	6	0.3	0.0
	Cranwell	53	44	45	11	10	0.0
3	Birmingham	50	43	43	9	1	0.0
	Upper Heyford	(51)	47	47	6	Tr	*
4	Ross-on-Wye	51	46	46	9	0.4	0.0
5	Portland Bill	54	48	*	15	0.6	*
	Plymouth	56	48	42	13	0.6	2.9
	The Lizard	51	45	*	13	0.3	*
	Scilly (St. Mary's)	52	49	*	2	7	0.0
	Guernsey	60	50	46	0.5	0.5	9.2
6	Pembroke	57	44	*	Tr.	2	6.0
7	Holyhead	53	45	44	–	1	5.9
	Chester (Sealand)	55	45	44	0.1	14	0.7
8	Manchester	53	44	44	–	10	0.4
10	Spurn Head	51	44	*	10	19	0.2
	Catterick	50	44	44	–	7	1.0
	Tynemouth	48	45	43	–	1	0.4
11	Inchkeith	51	43	35	–	–	3.8
	Leuchars	52	41	32	–	–	10.2
12	Renfrew (Abbots I.)	53	37	31	–	–	3.1
	Eskdalemuir	51	40	37	Tr.	–	0.5
	Point of Ayre	53	45	*	–	–	6.2
13A	Tiree	55	42	39	*	–	3.4
13B	Stornoway	54	40	*	–	–	11.8
15	Dalwhinnie	57	34	29	–	–	4.2
	Aberdeen	51	44	40	–	–	13.2
	Wick	48	43	*	–	–	*
16	Lerwick	48	42	*	–	–	4.4
17	Blacksod Point	55	44	*	–	–	*
18	Malin Head	51	(43)	*	–	–	11.3
	Aldergrove	55	37	30	–	–	4.4
19	Birr Castle	56	35	28	–	–	3.0
20	Valentia Obsy. †	58	43	36	–	Tr	14.6
	Roches Point	58	47	*	–	–	*

LONDON OBSERVATIONS

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

Station	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	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	cRRcrm	cmbc	bcbarw	62	42	32	9	Tr	2.5	•	•	5
Croydon	217	rrRRm	r₀bc	rnwoffe	60	41	35	9	Tr	3.7	•	•	4
Greenwich (Royal Observatory)	149	Rrr₀m	r₀cmb	bwfc	61	43	29	3	Tr	2.5	93	88	5
City (Bunhill Row)	—	•	•	•	•	•	•	•		1.8	•	•	•
Westminster (St. James' Park)	27	•	•	•	58	46	40	4		2.0	91	85	•
Regents Pk. (Botanic Gardens)‡	168	•	•	•						1.8			•
Camden Square	110	or'cr	crcbc	•	59	45	41	8	–	•	•	87	•
Kensington	80	corco	oo	•	59	45	37	5	Tr	2.0	[illegible]	18h. 91	•
Hampstead Observatory	450	or	or	bcb	54	42	27	10	0.1	1.5	•	93	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
1.0	0-2h 12th	0.3	18h 11th

Kew Observatory. Max.	Time.	Min.	Time.
0.4	24h 11th -1h 12th	0.1	17-18h 11th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 11th May Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 12th May Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1006.9	SSW	2	c	61	1006.6	S	2	c	54	64	48	Tr	–
Brussels	1007.4	SSW	3	ir₀	57	1007.1	SE	6	c/r	54	68	50	0.6	1
Berlin	1008.5	W	6	ir₀	68	1009.5	SSW	1	c	61	79	61	–	0.6
Zurich	1009.9	NNE	1	c	64	1010.8	WNW	3	c	54	70	52	–	–
Rome	1015.8	SSE	3	c	64	1014.2	*	4	c	68	*	*	–	–

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.

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

COLUMN 30.—Code for State of Sea.

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

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METEOROLOGICAL OFFICE, AIR MINISTRY, ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2. 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, 13th May, 1937.
No. 27566

OBSERVATIONS at 13h. G.M.T. May 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)	°F. Temp. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Amount Low 0–10 (12)	Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1006.6	-8	NNE	3	zo	57	75	6	5	–	–	9	9	1500
	Croydon	1006.7	-4	E'N	3	zo	57	85	5	5	–	–	9+	9+	1500
	S. Farnborough	1006.5	-6	–	0	T	55	85	6	9	–	–	9+	9+	4000
	Boscombe Down	1007.1	-6	N'E	3	c/pr	55	75	7	3	1	–	7-8	7-8	2500
	Calshot (Sthmtn.)	1007.0	+2	ESE	1	zo	59	75	6	8	7	–	7-8	9	2500
	Lympne	1007.3	+2	N'E	3	roro	50	92	6	6	2	–	10	10	1500
	Manston	1006.7	-2	NNW	2	rr	49	97	4	6	2	–	9	10	220
2	Shoeburyness	1007.4	0	SE	2	ir	50	92	6	6	2	–	9+	10	800
	Felixstowe	1007.4	+2	E'N	2	roro	50	97	4	6	2	–	7-8	10	800
	Gorleston	1007.2	-4	N'E	2	rf	49	97	2	–	–	–	10	10	<150
	Mildenhall	1007.2	-2	N'W	2	iro	56	85	6	9	2	–	9	10	1500
	Cranwell	1008.6	+2	NEN	3	zo	50	92	5	5	–	–	10	10	450
3	Birmingham	1008.5	0	NE	2	m	50	85	4	5	–	–	10	10	800
4	Upper Heyford	1008.0	-8	N	3	zo	53	85	6	5	2	–	7-8	10	1500
	Ross-on-Wye	1008.2	-4	NE	2	m	51	85	4	5	–	–	10	10	800
5	Portland Bill	1006.4	+4	ENE	3	c	57	85	7	4	–	–	9	9	2500
	Plymouth	1007.2	+8	WNW	2	r/tHr	55	75	7	9	3	–	7-8	10	2500
	The Lizard	1007.6	+4	NW'W	2	c	54	85	8	8	6	–	4-6	7-8	2500
	Scilly (St. Mary's)	1008.8	+4	N	3	c	55	85	7	8	9	3	2-3	7-8	2500
	Guernsey	1006.1	+8	NE	3	c	59	75	9	7	5	–	4-6	7-8	2500
6	Pembroke	1007.7	+2	NW	1	zo	54	75	6	5	7	–	4-6	7-8	2500
7	Holyhead	1009.3	-2	NE'E	4	c	49	85	8	5	2	–	4-6	9+	1500
8	Chester (Sealand)	1009.2	-2	NNE	2	zo	52	75	5	5	2	–	7-8	7-8	1500
	Manchester	1009.3	-2	ENE	4	zo	52	75	5	5	3	–	9	10	2500
10	Spurn Head	1009.2	0	NEN	4	o	48	92	5	5	–	–	10	10	800
	Catterick	1011.4	-2	NNE	3	iro	46	97	6	6	–	–	10	10	450
	Tynemouth	1012.0	-2	N	3	c	47	92	7	6	2	–	7-8	10	800
11	Inchkeith	1014.0	-4	E	4	c	48	85	8	8	–	–	9	9	2500
12	Leuchars	1014.5	-6	ENE	3	bc	50	75	8	7	–	–	2-3	2-3	2500
	Renfrew (Abbots I.)	1012.9	-10	E'N	4	bc	53	65	7	1	–	–	2-3	2-3	4000
	Eskdalemuir	1012.4	-4	NE'E	4	pro	47	75	7	5	7	–	4-6	9+	2500
	Point of Ayre	1010.7	-4	E	5	c	49	92	8	5	–	–	9+	9+	2500
13A	Tiree	1012.9	-2	SSE	1	b	56	65	8	–	4	–	0	Tr	–
13B	Stornoway	1014.1	-2	NE	3	b	53	65	8	–	–	1	0	Tr	–
15	Dalwhinnie	1013.3	-8	S	3	bc	56	45	8	4	6	–	1	2-3	4000
	Aberdeen	1015.4	-6	ENE	3	c	49	75	8	7	–	–	7-8	7-8	2500
	Wick	1016.0	0	ESE	3	c	47	75	8	5	7	–	7-8	9+	1500
16	Lerwick	1016.0	-12	SSW	2	c	47	75	8	8	7	–	4-6	7-8	1500
17	Blacksod Point	1010.3	-12	W	3	bc	55	65	7	4	3	–	2-3	4-6	1500
18	Malin Head	1012.3	-4	ENE	2	b	49	75	7	1	–	–	Tr	Tr	1500
	Aldergrove	1011.4	-4	ENE	2	b	57	65	8	1	–	–	1	1	2500
19	Birr Castle	1010.6	-4	NE	1	c	53	75	8	5	1	–	7-8	10	2500
20	Valentia Obsy. †	1010.1	-6	W	3	bc	57	65	7	7	–	–	4-6	4-6	2500
	Roches Point	1010.1	-2	SE	3	c	51	75	8	5	1	–	7-8	9	2500

OBSERVATIONS at 18h. G.M.T. May 12th — PAST 24 HOURS

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Amount Low 0–10 (26)	Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)	Weather 7h.–13h. 12th (37)	Weather 13h.–18h. 12th (38)	Weather 18h. 12th to 1h. 13th (39)	Weather 1h.–7h. 13th (40)
London (Kew)	1006.0	-6	SW	1	roro	53	85	5	5	–	–	9+	9+	1500	1	*	omwcmo	crrcro	crrro	crroroc
Croydon	1005.8	-6	NW'W	1	pro	52	92	4	9	7	–	7-8	9+	2500	1	*	offmcm	cprorom	rRwrro	rrroro
S. Farnborough	1006.3	-2	WSW	2	c/pro	53	85	6	8	–	8	9	9+	2500	1	*	ocprct	ctjtHhpro	irrmo	rrrirom.
Boscombe Down	1006.8	+4	NNW	3	bc	54	75	7	8	7	9	2-3	4-6	2500	1	*	dmocpro	cbctbc	bcrcrodd	rorcodo
Calshot (Sthmtn.)	1006.8	0	WNW	1	iro	52	97	6	9	2	–	9	10	1500	1	§ 1	cirocmo	bcmoHr	cirocmo	cmdrrm
Lympne	1006.0	0	N'E	2	c	53	85	8	9	6	2	4-6	7-8	4000	1	!	cproHmm	orom,c	cir	oirorrr
Manston	1005.2	-2	~~SW~~ NNW	3	c	51	92	7	5	3	–	7-8	9	450	1		rmorHm	rcirobcm	dmfbcc	rorrm.
Shoeburyness	1005.9	-14	NW'W	2	r	53	85	6	6	2	–	4-6	9+	1500	1	*	omirc	rrcro	rorrr	rrrroc
Felixstowe	1006.0	-12	W'N	2	zo	52	92	6	5	4	–	9	9+	1500	1	1	crr rorom	crrocmo	cmo	crrocmo
Gorleston	1006.0	-6	NE	2	o	50	92	6	6	–	–	10	10	2500	1	2*	offro	ofrrzo	off om	orrom.
Mildenhall	1005.8	-6	NNW	2	rr	49	97	6	6	2	–	7-8	10	800	1	*	omocir	irozorrm	orrro	rordodm
Cranwell	1007.4	-10	N	4	rr	48	97	4	6	–	–	10	10	220	1	*	omoFem	crorrro	rrmod	omido
Birmingham	1007.8	-4	NNE	3	m	49	97	4	6	–	–	10	10	450	1	*	om	ompro	oror	oror
Upper Heyford	1007.1	-6	NNE	3	c/r	53	85	6	5	2	–	9	10	800	1	*	cmo	cmoro	cmr	crorido
Ross-on-Wye	1007.8	-4	N'W	3	zo	53	85	5	5	–	–	9+	9+	2500	1	*	omo	omcmo	cmoompo	omo
Portland Bill	1007.2	+6	E	2	c	52	85	7	9	–	–	9	9	2500	1	3	c	cprt	bbc	bcc
Plymouth	1008.0	-2	N'W	2	c/r	54	85	6	8	3	–	4-6	7-8	4000	1	1	crobctHr	rcprorr	cmo	cwfbcm
The Lizard	1008.1	+6	–	0	bc	57	85	8	8	6	–	4-6	4-6	2500	1	1	cproc	cbc	bcbw	bcczo
Scilly (St. Mary's)	1009.0	+4	NW'W	3	c	52	92	7	5	–	–	10	10	2500	1	2	cbcc	cbcc	c	cbcw
Guernsey	1007.3	+6	NNW	1	bc	55	75	7	8	1	–	2-3	4-6	2500	1	1	bccbc	cbc	bcbbc	bcwc.
Pembroke	1007.6	-2	NNW	2	bc	54	75	7	5	7	–	2-3	4-6	4000	1	1	cmoec	cbc	bcc	bbcmo
Holyhead	1008.6	-2	ENE	4	c	50	85	6	5	–	–	10	10	2500	1	3*	idomoc	moc	cmobc	bcb.
Chester (Sealand)	1009.0	0	NE'N	3	m	53	85	4	5	2	–	7-8	10	1500	1	*	cmozo	czom	cmo	cmozo.
Manchester	1009.3	0	NE	3	iro	50	85	5	6	2	–	9	10	800	1		ccmo	czociro	cirocmo	cromo
Spurn Head	1007.6	-8	N'E	5	RR	47	97	4	5	–	–	10	10	220	2	3*	oprmo	mffrr	frrfd	drFf.
Catterick	1010.9	-2	N'E	3	ido	47	97	4	5	–	–	10	10	220	1		omroro	ciroomdm	mdoomo	cmo
Tynemouth	1011.6	0	N	3	o	46	97	6	–	2	–	10	10	800	1	2	ororoo	offo	oc	cq.
Inchkeith	1014.2	-2	NE	4	c	45	92	8	8	–	–	9	9	2500	0	3	c	c	c	c
Leuchars	1014.4	-2	ENE	3	c	46	85	7	5	–	–	10	10	1500	1	*	c,bbc	bcc	c.	cbcbw
Renfrew (Abbots I.)	1012.8	+2	E	4	b	51	75	8	1	–	1	Tr	Tr	4000	0	*	cbc	bcbyb	cbccmo	cmoc.
Eskdalemuir	1012.3	-2	NE	4	iro	45	92	6	5	2	–	9	10	800	1	*	cbcc	proiro	irodo do	cdoc.
Point of Ayre	1010.7	0	E	4	c	49	92	8	–	2	–	0	10	–	0	3	c	co	ocbc	bc
Tiree	1012.3	-4	N'E	2	b	50	85	8	–	–	–	0	0	–	0	2	b	b	b.	bw
Stornoway	1013.1	-2	NE	4	b	53	75	8	1	–	–	Tr	Tr	4000	0	2*	bcb	b	b	bc.
Dalwhinnie	*	-2	SE	4	bc	54	45	8	4	6	–	1	2-3	4000	0		bc	bc	*	b.
Aberdeen	1014.2	-2	NE	2	c	47	85	8	5	–	–	9	9	1500	0	2	cbc	bcc	c.	c
Wick	1015.8	-2	ESE	3	c	45	85	8	5	7	–	4-6	7-8	1500	0	2*	c	c	c	c
Lerwick	1015.6	-4	SSW	1	bc	47	75	8	8	7	–	2-3	4-6	1500	0		c	cbc	bc	c.
Blacksod Point	1009.6	-4	NW	3	bc	55	65	7	4	3	–	4-6	4-6	1500	0	2	bc	bc	bc	bc.
Malin Head	1011.1	0	E	3	b	50	75	7	–	–	–	0	0	–	0	!*	bcb	b	bc	c.
Aldergrove	1011.1	+4	E'N	2	c	52	75	8	5	–	–	9+	9+	4000	1		b	bbcc	c.	cbcmo
Birr Castle	1009.9	-2	NE	1	c	54	75	8	5	1	–	7-8	9+	2500	0	*	offc	c	c	c
Valentia Obsy. †	1009.0	-4	WNW	2	bc	55	75	7	7	–	–	2-3	2-3	4000	0	2	bwbbc	bcbbc	bcc	c.
Roches Point	1009.8	+2	SE	2	c	52	75	7	5	–	–	10	10	1500	0	2	bcc	c	cidoc	diroc

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.

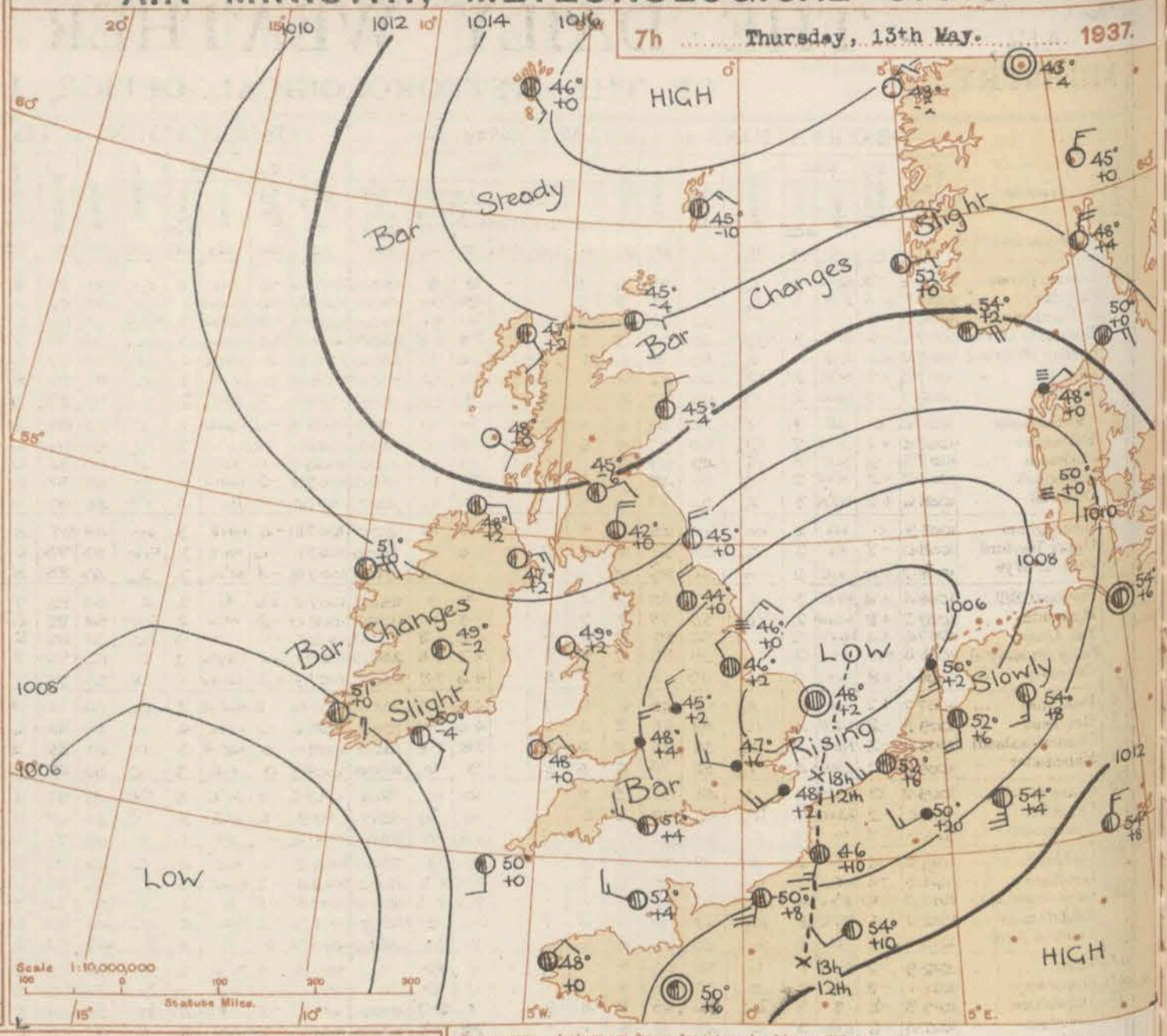
0 .. Ground dry.
1 .. ,, wet.
2 .. ,, flooded.
3 .. ,, frozen hard and dry.
4 .. ,, partly covered with snow or hail.
5 .. ,, covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. ,, covered with snow, less than 6 ins., deep but ground not frozen.
8 .. ,, covered with snow, less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

7h ..... Thursday, 13th May. ..... 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.

REPORTS from HEALTH RESORTS for May 12th 1937.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature (°F) Min. 9h. 11th. to 9h. 12th.	Temperature (°F) Max. 9h.—17h. 12th.	Rainfall (mm) Night. 17h. 11th. to 9h. 12th.	Rainfall (mm) Day. 9h.—17h. 12th.	Sunshine (Hrs) Sunrise to 17h. 12th.	Sunshine (Hrs) Sunrise to Sunset. 11th.
1	Tunbridge W.	o	opcp	40	54	Trace	0·3	0·3	4·2
	Bournemouth	oc	orr	43	58	0·3	3	1·3	4·3
	Ventnor ...	rdo	cbcr	50	61	0·5	1	0·8	5·5
	Southsea ...	cor	ctor	48	60	1	1	0·5	5·1
	Bognor Regis	rrcoc	tlR	47	56	1	4	0·0	4·8
	Littlehampton	oir	orlr	46	56	0·6	4	0·0	5·7
	Worthing ...	cd	crc	46	56	0·3	1	0·1	5·7
	Brighton ...	crc	cdc	46	56	Trace	1	0·1	5·6
	Eastbourne† ...	r	roc	46	58	1	3	1·5	5·4
	Hastings† ...	orrc	cbcbc	47	58	Trace	5	0·7	3·7
	Folkestone ...	oortl	orcbc	44	56	Trace	10	1·0	2·3
	Dover ...	otlr	robc	43	57	0·5	14	1·9	2·6
	Deal	coRt	robc	42	56	–	16	1·8	2·6
	Ramsgate ...	crortl	rcbc	47	54	–	16	1·8	2·2
	Margate ...	cr	crbcc	47	52	–	11	1·9	2·3
2	Southend ...	omr	orc	42	54	Trace	7	0·5	2·2
	Maldon ...	or	rr	40	53	–	10	0·0	1·6
	Clacton-on-Sea	coirm	oirbc	41	53	–	1	0·0	1·3
	Dovercourt ...	ocm	rocbc	43	55	Trace	4	0·0	0·0
	Lowestoft ...	cfdcr	crc	46	51	0·2	7	0·0	0·0
	Skegness ...	rhoor	rorR	45	49	8	11	0·0	0·1
	Mablethorpe...	omo	omR	45	48	4	9	0·0	0·0
	Cleethorpes ...	or	cor	45	49	19	0·3	0·0	0·0
3	Leamington S.	o	o	45	54	2	–	0·0	0·0
4	Cheltenham†	o	o	46	54	2	–	0·0	0·0
5	Bath	c	cbc	48	57	–	–	0·9	0·0
	Weymouth ...	cbb	ccrc	47	61	0·2	4	4·1	5·3
	Jersey ...	bcb	bc	49	61	0·1	–	7·5	7·1
	Torquay ...	bcb	bbcp	49	62	2	Trace	7·1	5·8
	Penzance ...	cbcc	cbcb	45	59	0·3	–	3·0	0·0
	St. Ives ...	c	b	46	56	3	–	4·8	0·0
	Bude... ...	bc	cpbc	43	57	–	2	3·9	0·1
	Ilfracombe ...	prcbc	bcb	48	56	0·6	–	7·8	0·4
6	Aberystwyth	cbcc	bcc	46	59	2	–	3·1	7·5
7	Llandudno ...	o	o	45	52	10	–	0·0	0·1
	Colwyn Bay...	o	o	45	52	10	–	0·1	0·1
	Rhyl	om	om	45	54	13	–	0·0	0·1
8	Wallasey ...	p	o	45	55	12	–	0·0	0·6
	Southport ...	rozo	ococ	44	53	14	–	0·1	1·8
	Blackpool ...	oc	cpc	45	51	11	Trace	0·0	3·0
	Morecambe ...	c	cldcd	46	53	2	0·3	0·0	2·3
9	Ilkley... ...	r	o	44	52	5	1	0·1	0·5
	Harrogate ...	odrr	oir	43	46	14	2	0·0	0·0
10	Berwick-on-T.	oc	co	43	49	–	–	2·7	0·6
11	Dunbar ...	cm	cm	44	48	–	–	0·2	3·9
12	Troon... ...	bbcbc	bbcbb	43	59	–	–	10·0	2·0
	Douglas ...	cb	c	43	52	–	–	0·3	7·5

† 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 May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light northerly or variable winds; cloudy; local drizzle at first; rather cool.
4 W. Midlands ... 5 S.W. England 6 South Wales ...	Light southeast winds; fair; cloud increasing; occasional rain later; average temperature.
7 North Wales ... 8 N.W. England	Light east wind; fair; average temperature.
9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Light north winds; cloudy; rather cool.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B. N.W. Scotland.	Light southeast winds; fair; average temperature.
14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Light northeast winds; fair; rather cool.
17 N. W. Ireland 18 N. E. Ireland	As 7 - 8.
19 S. E. Ireland 20 S. W. Ireland	Moderate east winds; cloudy; local rain later; average temperature.

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

GENERAL INFERENCE.

A depression over the North Sea is moving slowly north and a depression off Southwest Ireland is extending east-southeast. Weather will be fair in Scotland and North Ireland but elsewhere weather will be cloudy with occasional rain.

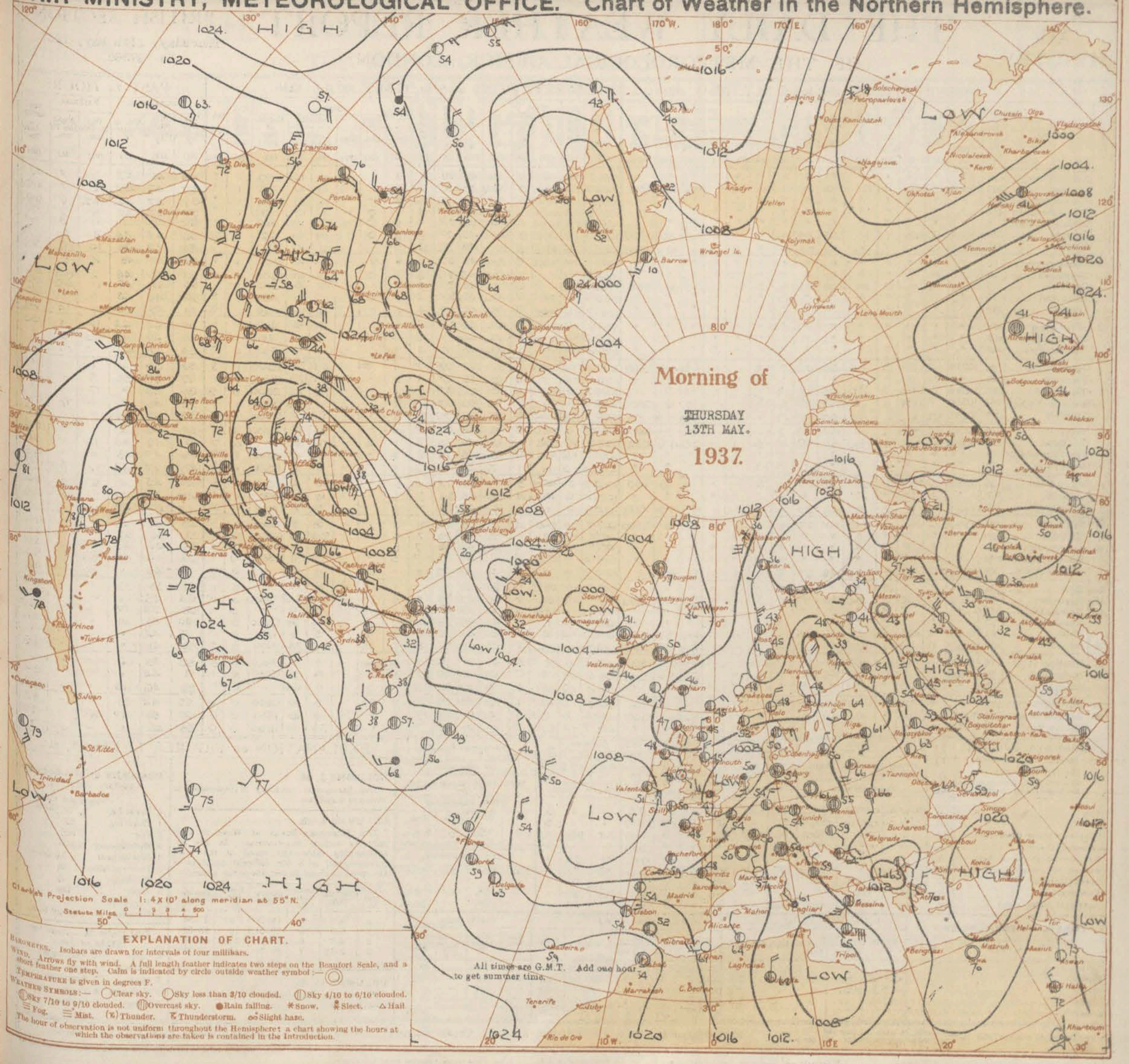
FURTHER OUTLOOK.

Unsettled 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.



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 13th May, 1937.

No. 27566

OBSERVATIONS at 1 hr. G.M.T. May 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)	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	1006·0	-4	WSW	2	ir.	48	92	6	6	2	-	4-6	10	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1006·4	-2	WS	1	ir	49	92	7	5	-	-	10	10	1500
	Manston ...	142	1005·5	+2	SW	1	z.	47	97	5	5	-	-	10	10	4000
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1005·6	-6	-	0	m	47	97	4	5	-	-	10	10	1500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1007·0	-2	NW	3	bc	50	92	7	4	-	-	4-6	4-6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1008·6	0	WNW	2	b	45	97	7	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1009·0	-4	WNW	2	c	49	92	6	5	-	-	10	10	2500
	Guernsey ..	175	1008·5	+2	W	1	bc	49	92	7	-	1	-	0	4-6	-
6	Pembroke ...	142	1008·1	+2	NE'N	2	c	49	85	7	5	-	-	9+	9+	4000
7	Holyhead ...	26	1008·9	+2	ENE	2	bc	49	92	7	5	1	-	2-3	4-6	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1005·5	-6	NE'N	4	df	45	97	3	5	-	-	10	10	4150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1010·1	-8	N	3	c	45	97	6	5	-	-	7-8	7-8	1500
11	Inchkeith ...	190	1014·3	0	NE	4	c	44	97	8	5	-	-	10	10	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1010·2	-2	E	4	bc	48	97	8	-	4	-	0	4-6	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1012·7	0	ESE	2	bc	46	92	7	5	-	-	2-3	2-3	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	77	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1015·1	-8	ESE	2	c	45	85	8	5	1	-	4-6	9+	800
16	Lerwick ...	156	1016·2	0	N	1	bc	41	92	8	5	-	-	2-3	2-3	2500
17	Blacksod Point	18	1009·1	0	S	2	bc	51	85	7	3	-	-	4-6	4-6	1500
18	Malin Head ...	54	1010·8	0	-	0	bc	45	85	7	4	7	-	2-3	4-6	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1008·0	-2	SSE	3	c	50	97	7	8	-	-	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 * (30)
London (Kew)	1006·7	+4	W	2	z.	48	92	6	5	-	-	10	10	1500.	1	*
Croydon ...	1006·6	+6	WN	3	d.d.	47	97	6	6	-	-	10	10	450.	1	*
S. Farnborough	1007·0	+4	WN	3	ir.	49	92	6	5	-	-	10	10	1500.	1	*
Boscombe Down	1007·5	+4	NWN	1	d.d.	48	97	5	-	2	-	10	10	450.	1	*
Calshot (Sthmtn.)	1007·6	+4	WNW	2	dr	50	97	4	5	2	-	9	10	800.	1	1
Lympne ...	1007·0	+2	SW	3	rr	48	97	5	6	2	-	9+	10	2?0.	1	§2.
Manston ...	1006·0	+6	SSW	3	rr	49	92	5	6	-	-	10	10	450.	1	*
Shoeburyness ...	1006·1	+4	WSW	2	rr.	49	97	5	6	2	-	9	10	1500.	1	*
Felixstowe ...	1006·0	+2	-	0	z.	49	92	6	5	2	-	7-8	10	1500.	1	1
Gorleston ...	1005·8	+2	-	0	0	48	97	5	5	-	-	10	10	1500.	1	1
Mildenhall ...	1005·6	+6	NE	2	id.	49	97	4	-	2	-	10	10	450	1	*
Cranwell ...	1006·7	+2	NNW	2	z.	46	97	6	5	-	-	10	10	450	1	*
Birmingham ...	1008·2	+2	NNW	3	rsr.	45	97	4	6	-	-	10	10	800.	1	*
Upper Heyford	1007·6	+6	NWN	3	id.	46	97	6	6	2	-	9	10	450.	1	*
Ross-on-Wye	1008·0	+4	N	3	id.	48	85	6	5	-	-	10	10	1500.	1	*
Portland Bill ...	1007·4	+4	WNW	3	c	51	92	7	4	4	-	4-6	7-8	2500	1	3
Plymouth ...	1008·9	+4	-	0	z.	45	97	5	5	-	-	2-3	2-3	1500.	1	1
The Lizard ...	1008·7	0	-	0	c	50	97	7	4	-	-	7-8	7-8	2500	0	2
Scilly (St. Mary's)	1008·5	0	S	2	bc	50	97	6	2	-	2	1	4-6	2500	1	1
Guernsey ..	1009·1	+4	WN	3	c	52	92	6	8	-	-	9	9	2500	1	1
Pembroke ...	1007·7	0	NE'E	2	z.	48	85	6	5	-	-	Tr	Tr	4000	0	1
Holyhead ...	1008·2	+2	ESE	1	b	49	75	7	-	4	-	0	Tr	-	0	2
Chester (Sealand)	1009·1	+2	WN	2	z.	48	75	6	5	-	-	10	10	4000.	1	*
Manchester ...	1009·0	0	N	1	z.	47	85	6	5	7	-	9	10	2500	1	*
Spurn Head ...	1006·2	0	NE'N	3	F	46	97	1	5	-	-	10	10	4150.	1	3
Catterick ...	1009·4	0	NW	4	z.	44	85	6	5	-	-	10	10	800	1	*
Tynemouth ...	1009·6	0	N	4	c	45	92	7	6	-	-	9+	9+	800.	1	3
Inchkeith ...	1012·7	-4	ENE	4	c	43	92	8	8	-	-	9+	9+	4000	0	3
Leuchars ...	1012·8	-2	NE	1	z.	43	75	7	5	-	-	2-3	2-3	2500	1	*
Renfrew (Abbots I.)	1012·1	-6	E'N	2	c	45	85	7	5	-	-	9+	9+	1500.	0	*
Eskdalemuir ...	1011·5	0	N'E	4	c	42	75	7	5	-	-	7-8	7-8	1500	0	*
Point of Ayre...	1010·2	0	E	4	b	47	92	8	-	4	-	0	1	-	0	2
Tiree	1012·2	0	SE'E	2	b	48	75	7	-	-	-	0	0	-	0	1
Stornoway ...	1012·7	+2	SE	2	bc	47	85	8	5	7	-	4-6	4-6	2500	0	1
Dalwhinnie ...	1013·8	-4	NNE	1	b	40	35	8	-	-	-	0	0	-	0	*
Aberdeen ...	1012·3	-4	N	2	c	45	75	8	5	-	-	9+	9+	2500	0	1
Wick ...	1014·0	-4	E	1	c	45	75	8	5	2	-	9	10	1500.	0	1
Lerwick ...	1014·5	-10	NE	3	c	45	85	8	5	7	-	4-6	7-8	1500.	0	*
Blacksod Point	1009·4	0	E	3	c	51	75	7	5	-	-	9	9	800	0	3
Malin Head ...	1011·0	+2	E	2	c	48	92	7	5	-	-	9+	9+	1500	0	1
Aldergrove ...	1011·0	+2	E'N	3	z.	47	85	6	-	3	-	0	4-6	-	1	*
Birr Castle ...	1008·8	-2	ESE	1	c	49	92	8	5	1	-	9	10	2500	0	*
Valentia Obsy. †	1007·6	0	E'S	3	c	51	85	7	5	-	-	10	10	1500	0	2
Roches Point	1008·2	-4	ESE	2	c	50	92	7	8	1	-	7-8	10	1500	0	2

PAST 24 HOURS.

Stations	Temperature Max. Day 7h–18h °F. (31)	Temperature Min. Night 18h–7h °F (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 12h Hrs. (36)
London (Kew)	58	48	47	1	7	0·3.
Croydon ...	57	47	47	2	7	0·2
S. Farnborough	57	47	46	0·2	5	0·0
Boscombe Down	57	47	45	Tr.	2	2·2
Calshot (Sthmtn.)	62	48	47	11	3	1·4
Lympne ...	55	46	44	8	3	1·7
Manston ...	54	47	36	10	3·2	2·2
Shoeburyness ...	55	47	45	4	8	0·1
Felixstowe ...	54	48	46	2	0·4	0·0
Gorleston ...	50	45	45	11	0·2	0·0
Mildenhall ...	56	48	48	5	1	0·0
Cranwell ...	51	45	45	4	4	0·0
Birmingham ...	50	44	44	Tr.	8	0·0
Upper Heyford	55	45	45	0·4	5.	*
Ross-on-Wye	54	47	47	-	0·1	0·0
Portland Bill ...	53	49	*	1	-	*
Plymouth ...	62	42	38	5	-	3·5
The Lizard ...	60	45	*	Tr.	-	*
Scilly (St. Mary's)	56	45	*	-	Tr.	6·5
Guernsey ..	53	48	44	-	-	12·2
Pembroke ...	57	45	*	-	-	5·4
Holyhead ...	51	46	40	Tr.	-	0·0
Chester (Sealand)	56	47	43	-	-	0·3
Manchester ...	53	47	44	Tr.	0·4	0·2
Spurn Head ...	49	45	*	6	9	0·0
Catterick ...	47	43	43	2	Tr.	0·0
Tynemouth ...	47	44	42	1	-	-
Inchkeith ...	49	42	40	-	-	2·0
Leuchars ...	51	36	27	-	-	5·6
Renfrew (Abbots I.)	56	45	43	-	-	8·9
Eskdalemuir ...	52	40	40	0·1	Tr.	2·3
Point of Ayre...	50	45	*	-	-	0·2
Tiree	56	39	36	-	-	14·5
Stornoway ...	54	45	*	-	-	14·5
Dalwhinnie ...	58	24	17	-	-	14·0
Aberdeen ...	50	43	41	-	-	4·0
Wick ...	48	44	*	-	-	*
Lerwick ...	50	41	*	-	-	4·6
Blacksod Point	55	35	*	-	-	*
Malin Head ...	51	44	*	-	-	15·4
Aldergrove ...	58	46	45	-	-	10·6
Birr Castle ...	55	44	33	-	-	3·9
Valentia Obsy. †	58	50	47	Tr.	-	12·2
Roches Point	53	48.	*	-	0·1	*

LONDON OBSERVATIONS

Day 7h—18h, Kew & Cresson. 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	omwcm	crrcr	crrc	58	47	47	1	7	0·5.	•	•	6.
Croydon	217	offmom	cprrm	rRrn.	57	47	47	2	7	0·2	•	•	5.
Greenwich (Royal Observatory)...	149	c	crRr	crRrc	56	47	45	9	9	0·0	94	92.	5.
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	00.	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	60	47	47.	7·5		0·0.	89	93.	•
Regents Pk. (Botanic Gardens)‡...	166	•	•	•	58	48	47	3	9	0·0	93	93.	•
Camden Square	110	c	ccrc	•	57	48	48	3	6	•	•	90.	•
Kensington	80	co	cop.	•	57	47	46.	2	7	0·0.	At 18h. 94	92.	•
Hampstead Observatory	450	obc	or	or	55	44	38	1	8	0·1	•	95.	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington	Max.	Time.	Min.	Time.
	0·8	17-20h 12th	<0·3	3-5h 15th

Kew Observatory	Max.	Time.	Min.	Time.
	0·2	19h 12th	<0·1	5h 30th.

FOREIGN OBSERVATIONS.

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

Stations	Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.
Paris					
Brussels	1001·4	SW	5	rsr.	55
Berlin	1008·3	SSW	1	c	72
Zurich	1012·3	W	3	c	55
Rome					

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

Stations	Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1010·6	SW	2	c	54		50		0·4.
Brussels	1008·7	SW	3	ir	50	64	48	1	2.
Berlin	1011·9	-	0	m	59	75	52	-	4.
Zurich	1013·8	SE	1	ir.	50	70	43	-	-
Rome	1012·7	N	1	c/d	59	•	•		0·5.

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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, 14th May, 1937.
No. 27567

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

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)	1008·9	+10	NW'W	2	z₀	53	85	6	6	-	-	10	10	1600
	Croydon ...	1007·8	+8	W'N	3	z₀	52	85	6	5	-	-	7-8	10	1500
	S. Farnborough	1009·1	+8	WNW	2	c/r	53	75	6	5	-	-	9+	9+	1500
	Boscombe Down	1009·3	+8	NW	2	z₀	53	75	6	5	1	-	4-6	9+	1500
	Calshot (Sthmtn.)	1009·4	+6	SSW	3	z₀	55	85	6	5	-	-	10	10	1500
	Lympne ...	1009·6	+10	WSW	3	c	52	86	7	5	7	-	4-6	10	800
	Manston ...	1008·1	+6	WSW	3	z₀	54	75	5	5	7	-	7-8	10	800
2	Shoeburyness ...	1008·4	+10	W'S	3	c	53	85	6	5	-	-	10	10	1500
	Felixstowe ...	1007·9	+8	W	2	id₀	51	86	6	5	2	-	9	10	4000
	Gorleston ...	1007·3	+4	N	1	0f	49	97	2	-	-	-	10	10	150
	Mildenhall ...	1007·7	+6	NW'W	3	z₀	54	85	6	5	-	-	10	10	1500
	Cranwell ...	1008·6	+10	N	3	d₀d₀	48	92	6	6	2	-	9	10	800
3	Birmingham ...	1009·2	+10	N	2	m	46	97	4	6	-	-	10	10	800
	Upper Heyford	1009·5	+6	NNW	2	id₀	48	92	4	5	-	-	10	10	450
4	Ross-on-Wye	1009·1	+4	NE	3	z₀	52	75	6	5	-	-	10	10	2500
5	Portland Bill ...	1009·4	+6	WSW	3	bc	53	85	7	4	-	-	2-3	2-3	2500
	Plymouth ...	1009·5	+6	S	3	b	57	85	7	7	-	-	1	1	4000
	The Lizard ...	1009·0	0	ESE	3	c	57	85	6	7	7	-	7-8	7-8	2500
	Scilly (St. Mary's)	1008·4	0	SE	4	c	56	85	6	5	-	8	2-3	7-8	2500
	Guernsey ...	1010·2	+2	SW	2	bc	58	75	6	2	3	8	4-6	4-6	2500
6	Pembroke ...	1007·4	0	NW'N	2	z₀	55	85	5	8	-	-	4-6	4-6	4000
7	Holyhead ...	1009·0	-4	NNE	4	b	54	75	8	-	-	-	0	0	-
	Chester (Sealand)	1009·1	-2	W'N	3	z₀	56	65	6	5	-	-	9	9	2500
8	Manchester ...	1009·3	-2	NE'N	3	z₀	56	55	6	7	-	-	7-8	7-8	4000
10	Spurn Head ...	1007·1	+6	N'W	5	0	47	97	6	5	-	-	10	10	800
	Catterick ...	1009·0	-6	N'W	3	c/r	50	75	7	5	-	-	10	10	4000
	Tynemouth ...	1009·4	-8	N	4	ir	46	92	6	6	2	-	7-8	10	800
11	Inchkeith ...	1011·6	-4	E	2	bc	52	85	8	5	-	-	4-6	4-6	4000
12	Leuchars ...	1011·4	-6	E	3	bc	52	75	8	7	-	5	2-3	2-3	2500
	Renfrew (Abbots I.)	1010·5	-10	ENE	1	b	60	55	7	1	-	-	Tr	Tr	4000
	Eskdalemuir ...	1010·4	-6	NNE	4	b	51	55	7	5	-	3	Tr	Tr	4000
	Point of Ayre...	1009·8	-2	E'N	3	b	54	85	8	1	-	-	Tr	Tr	2500
13A	Tiree ...	1011·8	-4	NNW	2	b	55	75	7	1	-	-	Tr	Tr	5700
13B	Stornoway ...	1012·2	-4	SE	2	b	55	55	8	2	-	-	1	1	4000
15	Dalwhinnie ...	1011·2	-6	NNE	3	b	57	35	8	4	6	-	Tr	Tr	150
	Aberdeen ...	1011·6	-6	NNE	3	c	53	65	8	75	3	2	4-6	7-8	2500
	Wick ...	1013·4	-4	E	3	c	46	75	8	5	1	-	7-8	9	1500
16	Lerwick ...	1013·8	-8	ENE	4	c	47	85	8	8	7	-	7-8	10	1500
17	Blacksod Point	1009·8	+2	SE	1	c	55	75	7	-	7	-	0	10	-
18	Malin Head ...	1011·1	-2	E	3	b	50	85	6	2	-	-	Tr	Tr	2500
	Aldergrove ...	1010·5	-6	NE	1	c	57	65	7	9	-	-	7-8	7-8	2500
19	Birr Castle ...	1008·8	-4	S	1	c	58	75	8	5	7	-	7-8	9+	2500
20	Valentia Obsy. †	1007·9	+2	ESE	4	bc	59	65	8	5	7	-	4-6	4-6	4000
	Roches Point	1008·9	+2	ESE	3	c	54	85	7	8	1	-	7-8	10	1500

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

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)	1009·5	+2	NW'N	2	z₀	53	75	6	5	-	-	10	10	1500	1	*
	Croydon ...	1009·3	+2	NW'W	2	z₀	54	75	6	5	7	-	4-6	9+	4000	1	*
	S. Farnborough	1009·2	+2	N	1	z₀	55	75	5	5	3	-	9	9+	2500	1	*
	Boscombe Down	1008·9	0	N'W	2	c	55	75	7	5	-	-	9	9	1500	1	*
	Calshot (Sthmtn.)	1009·7	+2	SW'S	2	z₀	53	85	6	5	-	-	9+	9+	4000	1	1
	Lympne ...	1010·0	+2	SW'W	2	z₀	52	85	5	5	-	-	9+	9+	4000	1	§ 2
	Manston ...	1009·2	+8	W	2	z₀	54	75	5	5	7	-	7-8	9	4000	1	*
2	Shoeburyness ...	1009·0	+2	WNW	2	z₀	55	85	5	5	-	-	9+	9+	2500	1	*
	Felixstowe ...	1009·0	+6	W	2	z₀	53	85	6	5	2	-	9	10	1500	1	1
	Gorleston ...	1008·1	+4	-	0	z₀	48	97	5	5	-	-	10	10	1500	1	1
	Mildenhall ...	1008·9	+8	NW'N	2	c/d	50	92	6	5	-	-	10	10	800	1	*
	Cranwell ...	1009·4	+4	NNW	2	c	48	85	7	5	-	-	7-8	10	1500	1	*
3	Birmingham ...	1008·6	0	S	1	z₀	51	75	5	5	-	-	4-6	4-6	1500	1	*
	Upper Heyford	1010·3	+6	NNW	2	z₀	49	92	6	5	-	-	10	10	800	1	*
4	Ross-on-Wye	1009·1	0	ENE	3	z₀	53	75	5	-	-	-	0	0	-	1	*
5	Portland Bill ...	1009·3	+2	WSW	2	bc	53	92	7	4	-	1	2-3	4-6	2500	1	3
	Plymouth ...	1008·9	-2	S'W	1	c	55	85	7	-	-	6	0	7-8	-	1	1
	The Lizard ...	1008·0	-4	ENE	2	c	54	75	7	8	6	-	7-8	9+	2500	0	2
	Scilly (St. Mary's)	1006·9	-6	ESE	4	c	54	92	6	8	1	-	7-8	10	2500	0	2
	Guernsey ...	1009·6	-2	ESE	1	c	53	97 85	7	8	1	-	4-6	9+	2500	1	1
6	Pembroke ...	1007·6	-2	NE	2	c	55	75	7	8	6	-	4-6	9	4000	0	1
7	Holyhead ...	1009·1	0	N'E	2	b	50	75	8	5	-	-	Tr	Tr	4000	0	2
	Chester (Sealand)	1008·7	-2	NW'N	2	z₀	56	55	6	5	-	-	1	1	4000	1	*
8	Manchester ...	1008·8	+2	NE	2	z₀	55	65	6	5	3	-	4-6	7-8	2500	1	*
10	Spurn Head ...	1008·0	+6	NW'N	4	c	47	92	7	5	2	-	7-8	10	1500	0	3
	Catterick ...	1009·1	+2	NW'N	2	r₀r₀	47	85	7	5	-	-	10	10	4000	1	*
	Tynemouth ...	1008·9	-4	N	3	ir	45	97	8	-	2	-	10	10	800	1	2
11	Inchkeith ...	1010·4	-10	E	2	c	49	85	8	5	9	-	4-6	9	2500	0	2
12	Leuchars ...	1009·7	-12	NE	2	c	52	75	8	5	7	6	4-6	9+	4000	0	*
	Renfrew (Abbots I.)	1008·9	-4	SE	1	bc	59	45	8	5	-	-	4-6	4-6	5700	0	*
	Eskdalemuir ...	1009·0	-4	NNE	3	c	54	55	8	7	1	1	Tr	7-8	4000	0	*
	Point of Ayre...	1009·5	-2	NW'N	2	b	53	85	8	1	-	-	Tr	Tr	4000	0	1
13A	Tiree ...	1010·3	-2	NW'N	3	b	52	85	7	-	-	-	0	0	-	0	2
13B	Stornoway ...	1011·0	-4	NE	3	b	52	75	8	1	-	-	Tr	Tr	4000	0	1
15	Dalwhinnie ...	1011·3	+2	NNE	4	b	53	45	8	4	-	1	Tr	Tr	150	0	*
	Aberdeen ...	1010·7	-2	N	4	id₀	48	85	7	5	-	-	10	10	1500	0	3
	Wick ...	1012·2	-8	ENE	4	c	45	85	8	5	7	-	7-8	9	1500	0	2
16	Lerwick ...	1013·1	-6	ENE	3	c	45	92	8	5	7	-	7-8	10	800	0	*
17	Blacksod Point	1009·4	-4	N	3	c	57	75	7	-	7	-	0	10	-	0	3
18	Malin Head ...	1010·6	0	ENE	2	b	50	85	6	-	-	-	0	0	-	0	0
	Aldergrove ...	1009·5	-2	ENE	1	b	59	45	7	4	-	-	1	1	4000	1	*
19	Birr Castle ...	1008·5	-4	SE	1	c	60	55	8	5	7	-	7-8	9+	2500	0	*
20	Valentia Obsy. †	1007·9	0	E'N	3	c	56	65	8	5	7	-	9	9	5700	0	1
	Roches Point	1008·4	-2	E	3	b	55	75	8	-	-	-	0	0	-	0	2

PAST 24 HOURS.

District	Stations.	Weather. 7h.—12h. 13th (37)	12h.—18h. 13th (38)	18h.—1h. 13th/14th (39)	1h.—7h. 14th (40)
1	London (Kew)	cm₀	cz₀	oz₀	ofFe
	Croydon ...	cd₀d₀m₀	cm₀z₀	cz₀omf	ofcif
	S. Farnborough	cir₀m₀	cm₀	ir₀obmw	bmfcm
	Boscombe Down	cd₀d₀c	cm₀bcc	cm₀	cm₀ff
	Calshot (Sthmtn.)	cmor₀om	cpr₀m₀	cm₀b	cm₀fcm
	Lympne ...	orrm₀c	cpr₀cm₀	cm₀om	bcmwfm
	Manston ...	or₀rom₀c	cm₀	ocm₀	cm₀om
2	Shoeburyness ...	r₀r₀ir₀c	cm₀mm	cm₀	cbcmw
	Felixstowe ...	cir₀cid₀	cid₀cir₀	bcm₀cm₀	cmbcwm
	Gorleston ...	offe	oif ir₀	ofc	becff
	Mildenhall ...	oid₀cm₀	cid₀cm₀	cm₀cm	cm₀fccm
	Cranwell ...	oid₀d₀d₀	cd₀d₀dd	cbcc	ofmfm
3	Birmingham ...	oir₀	cbcz	bc	bcF
	Upper Heyford	d₀ocr₀m₀	omd₀cm	cm₀m	cm₀f
4	Ross-on-Wye	id₀om₀	cz₀bz	bmbf	FFe
5	Portland Bill ...	cbc	bc	b	bcc
	Plymouth ...	bcm₀b	bbc	bcc	cm₀
	The Lizard ...	cbcc	c	cr₀r₀	crrc
	Scilly (St. Mary's)	bcc	c	odmir₀	ir₀r₀r₀
	Guernsey ...	cbcc	bcc	cor₀	oirrr
6	Pembroke ...	bbcz₀	bcz₀c	cbc	cbcmw
7	Holyhead ...	b	b	bw	bw
	Chester (Sealand)	cz₀	cbcz₀	bm₀w	bm₀wfbcm
8	Manchester ...	cbcm₀	bcz₀ccz	ycpr₀cff	cff
10	Spurn Head ...	ffpro	oc	odo	oz₀
	Catterick ...	cm₀cr₀	ir₀orr₀	or₀d	c
	Tynemouth ...	coir	oir	od₀d₀m	o
11	Inchkeith ...	c	c	cbc	bcc
12	Leuchars ...	bwbcb	bcc	ccm₀	cmr₀o₀f
	Renfrew (Abbots I.)	cbcby	by	bcybm₀	bm₀wfg
	Eskdalemuir ...	cbcby	bbccy	cybc	bcw
	Point of Ayre...	bc	bc	bcbbc	bcw
13A	Tiree ...	bc	b	bw	bw
13B	Stornoway ...	bcby	by	bbcb	bcw
15	Dalwhinnie ...	b	b	*	bc
	Aberdeen ...	cbc	coir₀	cid₀	cd₀d₀
	Wick ...	c	c	cf	FF
16	Lerwick ...	c	c	co	oc
17	Blacksod Point	c	c	c	bc
18	Malin Head ...	bcb	b	b	bc
	Aldergrove ...	bcbyc	cby	bybw	bxFF
19	Birr Castle ...	c	c	cb	bx
20	Valentia Obsy. †	cbc	bcc	cbcb	bwb
	Roches Point	c	cbcb	bbcw	bcwb

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 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 3).

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.*

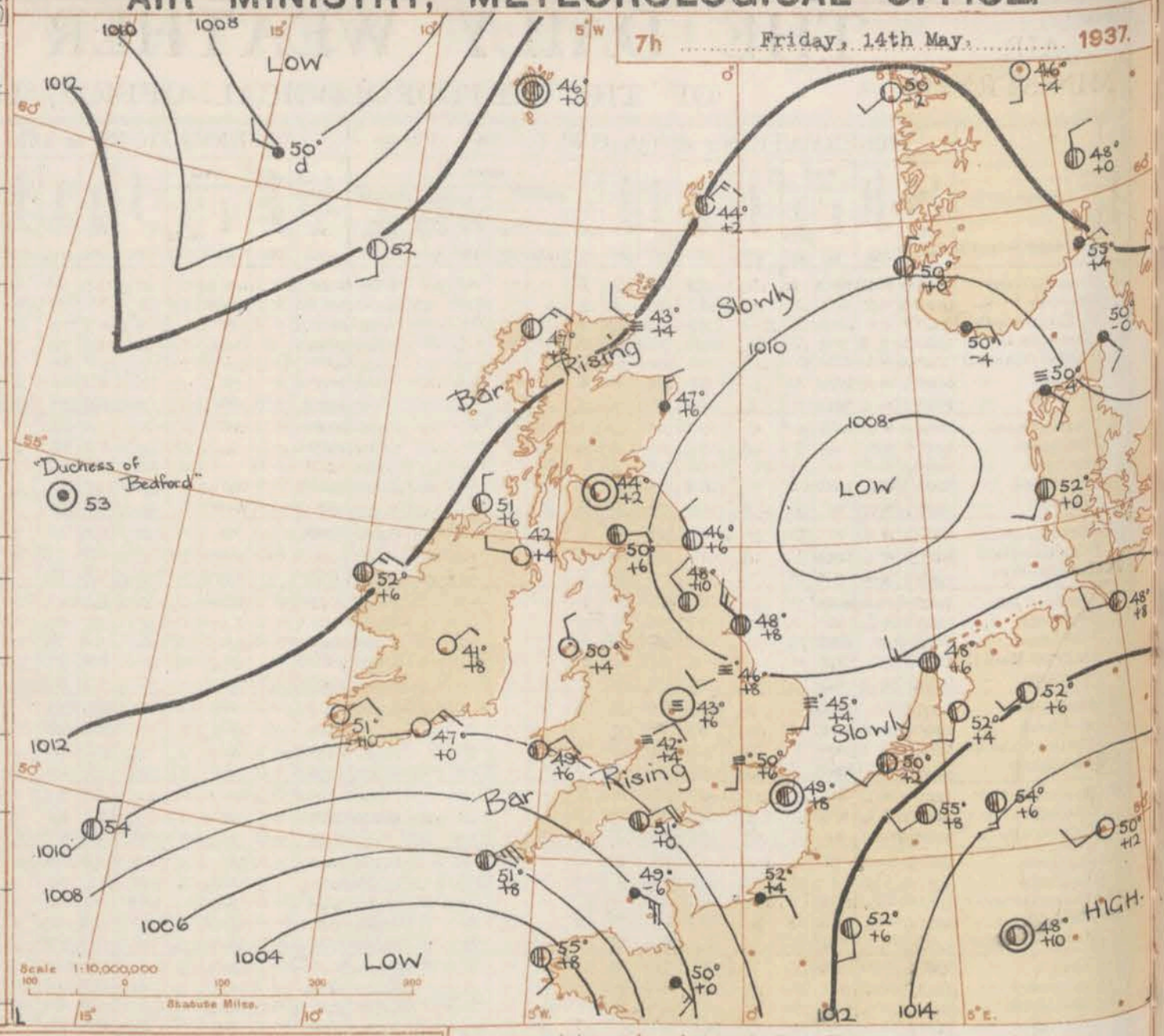
† Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 13th May, 1937.

Districts	Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature (F) Min. 9h. 12h. to 9h. 13h.	Temperature (F) Max. 9h.—17h. 13h.	Rainfall (mm) Night. 17h. 12h. to 9h. 13h.	Rainfall (mm) Day. 9h.—17h. 13h.	Sunshine (Hrs) Sunrise to 17h. 13h.	Sunshine (Hrs) Sunrise to Sunset. 12h.
1	Tunbridge W.	o	omp	46	56	6	Trace	0·0	0·8
	Bournemouth	co	o	47	56	2	-	0·0	1·3
	Ventnor ...	orm	ocz	48	54	4	-	0·0	0·8
	Southsea ...	oro	odo	49	55	4	0·3	0·0	0·5
	Bognor Regis	ro	cro	48	54	6	Trace	0·1	0·0
	Littlehampton	o	oir	48	54	3	0·4	0·0	0·0
	Worthing ...	od	o	49	55	4	Trace	0·1	0·1
	Brighton ...	dc	c	50	54	5	Trace	0·1	0·1
	Eastbourne† ...	roc	bcc	49	57	2	0·1	2·1	1·7
	Hastings† ...	ooc	ooc	48	55	4	-	0·0	0·9
	Folkestone ...	oir	orom	48	58	2	1	0·0	1·4
	Dover ...	o	oir	48	57	3	0·6	0·0	1·9
	Deal	rroo	cococ	48	57	1	-	0·4	1·9
	Ramsgate ...	c	c	48	56	3	-	0·4	2·5
	Margate ...	c	c	48	55	3	-	0·6	2·2
2	Southend ...	oiro	oiroc	47	54	9	0·3	0·1	0·5
	Maldon ...	ro	oc	47	54	5	-	0·0	0·0
	Clacton-on-Sea	odc	cpcm	48	53	3	0·3	0·0	0·4
	Dovercourt ...	doc	docbc	47	55	0·5	0·4	0·0	0·0
	Lowestoft ...	o	orm	46	51	0·3	0·1	0·0	0·0
	Skegness ...	oco	oid	46	50	3	Trace	0·0	0·0
	Mablethorpe...	omo	orm	45	48	3	0·3	0·0	0·0
	Cleethorpes ...	orm	oro	45	48	14	0·3	0·0	0·0
3	Leamington S.	od	od	46	51	8	0·1	0·0	0·0
4	Cheltenham†	mo	oidm	45	51	3	Trace	0·0	0·0
5	Bath	c	cbc	47	59	0·3	-	2·6	0·9
	Weymouth ...	b	bc	47	59	-	-	7·4	4·3
	Jersey ...	bc	bc	48	61	-	-	8·8	9·6
	Torquay ...	bbcz	bz	44	61	-	-	11·9	7·6
	Penzance ...	bcbb	bbc	47	59	-	-	10·8	4·8
	St. Ives ...	c	b	47	56	-	-	9·0	7·1
	Bude	b	bcc	40	57	-	-	7·8	5·3
	Ilfracombe ...	cbc	cbcco	47	56	-	-	8·8	8·7
6	Aberystwyth	cbc	bc	45	58	-	-	11·7	3·3
7	Llandudno ...	b	b	40	54	-	-	10·1	0·0
	Colwyn Bay...	bcbcb	bbcb	42	53	-	-	10·5	0·1
	Rhyl	bcb	b	45	54	-	-	11·0	0·0
8	Wallasey ...	cbcb	b	47	56	-	-	7·3	0·0
	Southport ...	bcbbc	bcbbc	43	58	0·1	-	10·8	0·1
	Blackpool ...	cbc	b	44	58	0·3	-	10·8	0·0
	Morecambe ...	b	bbcc	44	58	0·5	-	10·5	0·0
9	Ilkley... ...	opo	c	44	55	-	Trace	0·2	0·1
	Harrogate ...	oir	oc	42	50	2	0·4	0·0	0·0
10	Berwick-on-T.	o	or	43	46	-	Trace	0·0	2·7
11	Dunbar ...	cmo	cm	42	49	-	-	1·9	0·2
12	Troon... ...	bbcb	cb	44	58	-	-	8·7	11·1
	Douglas ...	cb	cb	44	58	-	-	11·0	0·3

† 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. 14th May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light or moderate east or southeast winds; cloudy with periods of rain; average temperature.
4 W. Midlands ... 5 S.W. England 6 South Wales ...	Light variable or northeast winds; cloudy at times; local morning fog; average temperature.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	Light variable winds; mainly fair apart from local morning fog; average temperature.
10 N.E. England 11 S.E. Scotland	Light variable or northeast winds; cloudy at times with occasional drizzle; local morning fog; rather cool.
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 variable or southerly winds; becoming cloudy, with some light rain later; average temperature.
17 N.W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	As 7 - 9.

GENERAL INFERENCE.

A depression over the North Sea is almost stationary and another one over the mouth of the Channel will move southeast. Rain will occur in the Southeastern districts and also later in the North. Temperatures will be about the average of the season.

FURTHER OUTLOOK.

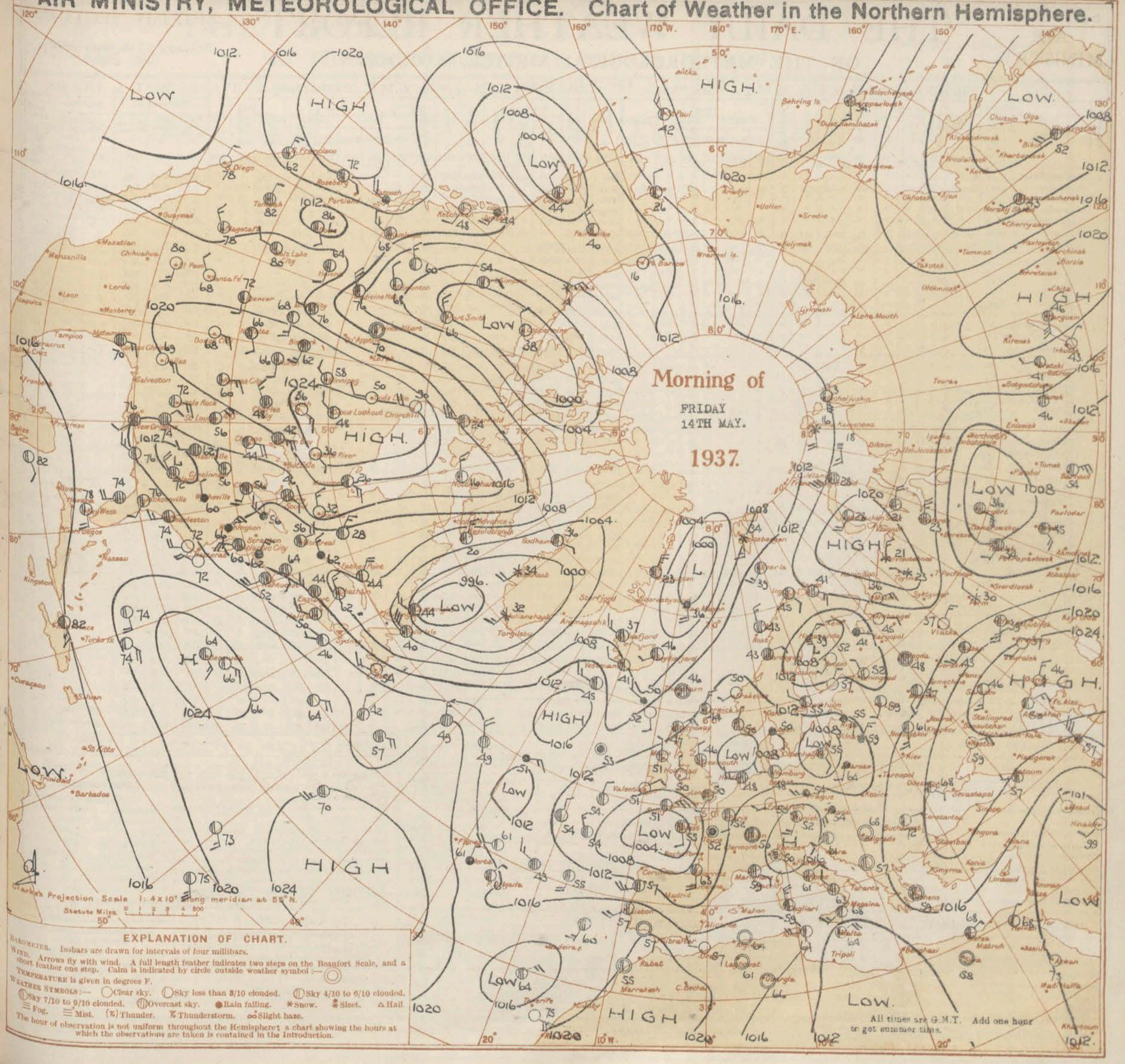
Fair periods in most districts, but probably periods of rain in the Southeast; average temperature.

Forecasts issued at 1000 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.



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 14th May, 1937.
No. 27567

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

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	1010·5	+2	-	0	of	49	97	3	5	-	-	10	10	800
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1011·2	0	SW'S	2	Z_0	48	92	5	5	-	-	7·8	7·8	1500
	Manston ...	142	1010·1	+2	SW	1	Z_0	50	92	5	5	-	-	10	10	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1010·0	+4	-	0	c	47	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	1009·0	-6	E	3	b	50	92	7	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1006·8	-6	ENE	5	r_0r_0	51	97	7	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	1005·8	-6	E	5	ir_0	51	92	7	5	-	-	10	10	1500
	Guernsey ..	175	1009·6	-4	S	1	r_0r_0	53	85	6	5	-	-	10	10	2500
6	Pembroke ...	142	1008·5	+2	E	3	bc	48	97	7	5	-	-	2·3	2·3	4000
7	Holyhead ...	26	1009·8	+6	N'E	2	b	46	92	8	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1008·8	+2	W	3	o/d	46	97	6	5	-	-	10	10	800
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1009·7	+2	NNW	3	d_0d_0	46	97	5	6	-	-	10	10	800
11	Inchkeith ...	190	1010·9	+8	S	1	bc	46	97	8	5	-	-	2·3	2·3	2500
	Leuchars ...	30	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1010·2	+2	NNW	1	b	46	97	8	-	4	-	0	1	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1012·2	+4	NNW	3	b	42	92	7	5	-	-	1	1	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1012·0	0	NNE	1	f	43	97	2	-	-	-	10	10	<150
16	Lerwick ...	156	1012·9	-2	NNE	2	0	43	97	7	5	-	-	10	10	800
17	Blacksod Point	18	1010·9	+4	-	0	c	53	75	7	-	7	-	0	10	-
18	Malin Head ...	82	1011·3	+6	S	1	b	46	92	7	-	-	-	0	0	-
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1009·7	+6	SE'E	1	b	48	97	7	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1010·5	+4	-	0	F	46	97	1	-	-	-	10	10	<150	1	*
	Croydon ...	1010·7	+6	S'W	1	m	50	97	4	5	-	-	9+	9+	800	1	*
	S. Farnborough	1010·2	+6	ENE	1	m	50	97	4	5	4	1	4·6	4·6	800	1	*
	Boscombe Down	1010·4	+6	E'S	1	of	47	97	3	5	-	-	10	10	800	1	*
	Calshot (Sthmtn.)	1010·1	+4	N	1	m	49	97	4	5	7	-	4·6	9	4000	1	1
	Lympne ...	1011·6	+8	-	0	m/f	49	92	4	-	3	-	0	7·8	-	1	1
	Manston ...	1010·8	+6	SSW	1	m	51	92	4	5	-	-	9+	9+	1500	1	*
2	Shoeburyness ...	1010·9	+8	ENE	1	c	51	92	6	-	7	-	0	7·8	-	1	*
	Felixstowe ...	1011·2	+12	-	0	Z_0	51	75	6	-	-	8	0	2·3	-	1	1
	Gorleston ...	1010·9	+4	S'W	2	m/f	45	97	4	5	-	-	9+	9+	2500	1	2
	Mildenhall ...	1010·8	+6	SW	1	m/f	45	97	4	5	7	-	4·6	10	2500	1	*
	Cranwell ...	1010·0	+8	WSW	2	m/f	46	97	4	5	-	-	10	10	5700	1	*
3	Birmingham ...	1011·3	+6	-	0	F	43	97	1	-	-	-	10	10	<150	1	*
	Upper Heyford	1011·5	+10	-	0	of	44	97	2	5	-	-	10	10	220	1	*
4	Ross-on-Wye	1010·8	+4	ENE	2	F	42	97	1	-	-	-	10	10	<150	1	*
5	Portland Bill ...	1009·0	0	ENE	4	c	51	92	7	4	-	-	10	10	2500	1	3
	Plymouth ...	1007·9	+2	ENE	3	Z_0	51	92	6	5	1	-	9+	10	2500	1	1
	The Lizard ...	1005·7	+6	NE'E	5	r_0r_0	50	92	7	5	2	-	7·8	10	1500	1	4
	Scilly (St. Mary's)	1005·9	+8	ENE	5	c	51	92	7	8	7	-	4·6	10	2500	1	3
	Guernsey ..	1007·6	-6	SE'E	5	rr	49	97	6	5	-	-	10	10	1500	1	3
6	Pembroke ...	1009·1	+6	ENE	2	Z_0	49	92	5	5	-	-	2·3	2·3	4000	0	1
7	Holyhead ...	1010·2	+4	N'W	1	b	50	85	8	-	-	-	0	0	-	0	0
	Chester (Sealand)	1010·3	+8	SE	1	Z_0	44	85	5	5	-	-	4·6	4·6	5700	1	*
8	Manchester ...	1010·5	+10	SSW	1	cf	46	97	3	5	3	-	4·6	9+	7200	1	*
10	Spurn Head ...	1009·5	+8	NW	3	o	48	92	6	5	-	-	10	10	800	0	2
	Catterick ...	1009·9	+10	NW'N	2	c	48	85	7	5	7	-	9	10	1500	1	*
	Tynemouth ...	1009·5	+6	NNW	2	c	46	97	6	6	2	-	7·8	10	800	1	2
11	Inchkeith ...	1011·0	+6	SW	2	c	46	92	6	5	-	-	9+	9+	1500	0	1
	Leuchars ...	1010·5	+8	NW	1	c/r	48	85	8	5	7	-	9	9+	2500	1	*
12	Renfrew (Abbots L.)	1010·6	+2	-	0	Z_0	44	85	5	-	4	-	0	Tr	-	0	*
	Eskdalemuir ...	1010·1	+6	E	1	bc	50	75	8	1	3	1	1	4·6	2500	0	*
	Point of Ayre...	1010·4	0	NW	1	bc	48	97	8	-	8	-	0	2·3	-	0	1
13A	Tiree	1011·9	+14	N'E	2	bc	49	85	8	-	-	5	0	2·3	-	0	1
13B	Stornoway ...	1012·7	+8	NE	3	c	47	85	8	5	7	4	7·8	9	2500	0	1
15	Dalwhinnie ...		0	NE	1	c	42	85	7	5	-	-	10	10	2500	0	*
	Aberdeen ...	1010·7	+6	N	3	id.	47	97	6	5	2	-	9+	10	800	1	2
	Wick ...	1012·0	+4	NW	2	F	43	97	1	-	-	-	10	10	<150	1	1
16	Lerwick ...	1012·0	+2	NNE	3	c	44	97	8	5	2	-	7·8	10	800	0	*
17	Blacksod Point	1012·2	+6	NE'N	3	c	52	85	7	-	7	-	0	9+	-	0	3
18	Malin Head ...	1011·5	+6	N	1	bc	51	75	7	7	-	-	2·3	2·3	2500	0	0
	Aldergrove ...	1011·6	+4	W'N	1	b/f	42	97	5	-	-	-	0	0	-	1	*
19	Birr Castle ...	1011·0	+8	NE	1	b	41	97	8	-	-	-	0	0	-	0	*
20	Valentia Obsy. †	1011·1	+10	NE	2	b	51	85	7	-	-	-	0	0	-	0	1
	Roches Point	1010·1	0	NE	3	b	47	85	8	-	-	-	0	0	-	0	1

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Night 18h–7h mm. (35)	Sunshine 13th Hrs. (36)
1	London (Kew)	55	43	38	Tr	Tr	0·1
	Croydon ...	55	47	42	0·1	-	0·0
	S. Farnborough	57	44	34	0·1	Tr	0·3
	Boscombe Down	56	42	39	Tr	-	2·1
	Calshot (Sthmtn.)	56	47	45	0·6	-	0·1
	Lympne ...	53	43	36	2	Tr	0·0
	Manston ...	57	50	49	1	Tr	0·5
2	Shoeburyness ...	56	47	42	0·1	-	0·2
	Felixstowe ...	54	47	38	0·1	-	0·0
	Gorleston ...	52	43	42	0·2	-	0·0
	Mildenhall ...	55	41	37	0·2	0·2	0·2
	Cranwell ...	48	42	37	1	-	0·0
3	Birmingham ...	51	40	32	0·2	*	0·3
	Upper Heyford	49	41	33	Tr	-	*
4	Ross-on-Wye	53	39	36	Tr	0·1	1·8
5	Portland Bill ...	56	49	*	-	-	*
	Plymouth ...	57	49	45	-	-	11·5
	The Lizard ...	57	49	*	-	5	*
	Scilly (St. Mary's)	57	50	*	-	2	7·7
	Guernsey ..	61	49	48	-	3	10·4
6	Pembroke ...	59	47	*	-	-	9·7
7	Holyhead ...	55	46	34	-	Tr	14·1
	Chester (Sealand)	57	35	33	-	-	6·7
8	Manchester ...	57	40	35	-	Tr	1·9
10	Spurn Head ...	47	45	*	3	Tr	0·0
	Catterick ...	50	47	46	1	Tr	0·0
	Tynemouth ...	46	45	44	3	1	0·0
11	Inchkeith ...	54	44	38	-	-	8·9
	Leuchars ...	53	45	37	-	Tr	9·9
12	Renfrew (Abbots L.)	63	35	30	-	-	10·4
	Eskdalemuir ...	57	42	36	-	-	10·4
	Point of Ayre...	55	39	*	-	-	13·9
13A	Tiree	56	46	40	-	-	16·0
13B	Stornoway ...	56	40	*	-	-	11·9
15	Dalwhinnie ...	58	27	18	-	-	13·5
	Aberdeen ...	53	46	45	Tr	0·4	5·3
	Wick ...	47	42	*	-	-	*
16	Lerwick ...	48	42	*	-	-	1·1
17	Blacksod Point	58	49	*	-	-	*
18	Malin Head ...	51	48	*	-	-	10·3
	Aldergrove ...	61	34	28	-	-	11·4
19	Birr Castle ...	62	35	26	-	-	2·4
20	Valentia Obsy. †	60	41	35	-	Tr	1·1
	Roches Point	56	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. (24 hrs. ended 9h.)	Afternoon.	Night.	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Night. mm.	Sunshine to Sunset, hrs. (Yesterday.)	Humidity. 15h. G.M.T % (Yesterday.)	9h. G.M.T % (To-day.)	Visibility 9h.
Kew	18	c_0m_0	$c2_0$	$o2_0$	55	43	38	Tr	Tr	0·1	•	•	2
Croydon	217	$cd_0d_0m_0$	$c_0m_0z_0$	$c2_0mf$	55	47	42	0·1	-	0·0	•	•	6
Greenwich (Royal Observatory) ...	149	c_0m_0	c_0m_0	cwmf	56	44	33	-	Tr	0·0	83	83	4
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	0·1	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	56	47	40	Trace		0·0	82	83	•
Regents Pk. (Botanic Gardens)‡...	168	•	•	•	55	45	41	-	-	0·2	86	87	•
Camden Square	110	c	c	•	56	46	41	-	-	•	•	86	•
Kensington	80	co	co	•	56	45	37	Tr	-	0·0	41 18h. 75	89	•
Hampstead Observatory	450	o	o	ombc	53	45	27	-	-	0·0	•	90	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 14th

South Kensington.

Max.	Time.	Min.	Time.
0·8	5·7h. 14th.	<0·3	16-18h 13th.

Kew Observatory.

Max.	Time.	Min.	Time.
0·2	7h. 14th.	<0·1	13h. 13th.

FOREIGN OBSERVATIONS

Stations	18h G.M.T. 13th May Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 14th May 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	1010·9	-	0	c	61	1012·1	S	2	Z_0	52	64	46	5	-
Brussels	1010·4	SSW	1	c/pr	55	1011·9	SW	2	c	55	63	45	1	-
Berlin	1008·7	ESE	2	tlr	59	1010·2	W	4	c	55	70	55	9	14
Zurich	1013·6	SSE	1	c/r	50	1015·6	SSE	1	b	46	55	43	6	0·1
Rome	1023·3	N	1	o	61	1014·6	ENE	2	o	61	•	•	10	1

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 "
2 Fog	550 "
3 Moderate fog	1,100 "
4 Mist or haze	1½ miles.
5 Poor visibility	2½ "
6 Moderate "	6½ "
7 Good "	12½ "
8 Very good "	32 "
9 Excellent "	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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METEOROLOGICAL OFFICE, AIR MINISTRY, ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2. 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, 15th May, 1937.
No. 27568

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

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)	1010.2	-6	NE	2	m	58	65	4	5	-	-	10	10	800
	Croydon ...	1010.2	-2	SE'E	3	c	58	75	6	8	-	6	7·8	9+	2500
	S. Farnborough	1009.8	-4	E	2	z₀	61	65	6	8	-	8	7·8	9+	2500
	Boscombe Down	1009.5	-6	E'S	2	z₀	60	65	6	8	-	-	9+	9+	2500
	Calshot (Sthmtn.)	1010.1	-2	E'S	3	z₀	56	85	6	8	-	7	2·3	10	4000
	Lympne ...	1011.2	-4	SE'S	1	c	56	85	7	5	7	-	4·6	9+	5700
	Manston ...	1010.7	0	E.SE	3	c	57	75	6	2	7	6	2·3	9	2500
2	Shoeburyness ...	1010.8	0	E'S	3	c	54	85	6	5	1	-	9	9+	4000
	Felixstowe ...	1010.8	+2	ESE	3	bc	55	85	7	-	3	8	0	4.6	-
	Gorleston ...	1010.3	0	SE'E	3	c	55	75	6	8	-	-	5	9	2500
	Mildenhall ...	1010.5	-4	WNW	1	z₀	58	65	6	8	-	-	9+	9+	2500
	Cranwell ...	1010.8	+2	NW	1	z₀	55	75	6	8	-	-	7·8	7·8	4000
3	Birmingham ...	1010.3	+2	S	1	m	55	75	4	5	-	-	10	10	1500
	Upper Heyford	1010.6	-6	E	2	z₀	60	65	6	7	7	-	4.6	7·8	2500
4	Ross-on-Wye	1010.0	0	NNE	2	bc	61	45	7	1	-	-	2·3	2·3	4000
5	Portland Bill ...	1009.0	0	E	4	ir₀	531	85	7	5	-	-	10	10	2500
	Plymouth ...	1008.2	+2	ENE	4	c	57	65	8	7	7	-	2·3	9+	2500
	The Lizard ...	1007.0	+6	NE	5	c	53	85	8	8	6	-	7·8	10	1500
	Scilly (St. Mary's)	1007.6	+8	NE'N	4	c	58	75	7	5	7	-	2·3	7·8	2500
	Guernsey ...	1007.3	0	E'S	3	o	52	57	6	5	-	-	10	10	1500
6	Pembroke ...	1009.1	+2	NNW	2	z₀	60	65	6	8	6	-	4.6	7·8	4000
7	Holyhead ...	1011.4	+8	NWN	2	b	54	85	7	2	-	-	Tr	Tr	4000
	Chester (Sealand)	1010.6	+4	W'N	4	bc	58	55	7	2	7	-	2·3	2·3	2500
8	Manchester ...	1010.3	0	N'E	2	c	58	65	7	8	3	-	7·8	9	4000
10	Spurn Head ...	1010.9	+8	N	2	c	54	85	6	5	1	-	7·8	10	1500
	Catterick ...	1010.7	+4	NNW	2	c	54	65	7	8	-	-	10	10	1500
	Tynemouth ...	1010.7	+10	WNW	2	o	49	92	6	-	2	-	10	10	800
11	Inchkeith ...	1012.2	+4	SW	1	c	49	92	8	5	8	-	4.6	10	2500
	Leuchars ...	1011.9	+6	-	0	c	52	75	8	5	2	-	7·8	10	2500
12	Renfrew (Abbots I.)	1011.0	+4	E	3	c	64	55	9	8	3	-	4.6	7·8	5700
	Eskdalemuir ...	1011.9	+14	NNE	2	c	50	75	8	5	2	-	4.6	9+	2500
	Point of Ayre...	1011.4	+2	NW'W	3	b	57	85	8	1	4	-	Tr	1	4000
13A	Tiree ...	1013.0	+6	N	3	b	56	65	9	-	-	2	0	1	-
13B	Stornoway ...	1013.9	+6	ENE	4	bc	50	75	8	5	7	-	2·3	4.6	4000
15	Dalwhinnie ...	1012.9	+2	NE	4	c	53	65	8	5	2	-	4.6	10	4000
	Aberdeen ...	1012.3	+8	N'W	3	c/a	49	85	7	6	7	-	9	10	800
	Wick ...	1012.4	+2	N	2	c	47	85	7	8	7	-	7·8	9	800
16	Lerwick ...	1012.5	+4	NNE	3	c	48	85	8	5	7	-	7·8	9	1500
17	Blacksod Point	1013.6	+8	N'E	3	bc	56	75	8	2	3	4	1	4.6	1500
18	Malin Head ...	1013.4	+6	NNW	2	b	53	75	7	4	-	3	1	1	4000
	Aldergrove ...	1011.6	0	NNW	3	bc	61	45	9	2	4	-	4.6	4.6	2500
19	Birr Castle ...	1011.3	+2	W'N	1	bc	62	55	8	1	-	-	4.6	4.6	4000
20	Valentia Obsy. †	1012.1	+2	NE	4	b	63	45	8	1	3	1	Tr	1	4000
	Roches Point	1011.3	+4	ESE	3	b	57	75	8	1	-	-	1	1	4000

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

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)	1010.4	0	ENE	2	f	56	85	3	-	-	-	10	10	2150	1	*
	Croydon ...	1010.2	+2	ENE	2	ir₀	56	85	5	6	2	-	4·6	10	2500	1	*
	S. Farnborough	1009.9	+2	ENE	1	z₀	53	75	6	5	7	-	4.6	10	5700	1	*
	Boscombe Down	1009.4	-2	SE'E	3	c	57	75	7	5	1	-	7·8	10	2500	1	*
	Calshot (Sthmtn.)	1009.7	-2	E'S	3	c	54	85	7	5	7	4	4.6	7·8	4000	1	2
	Lympne ...	1011.2	-2	ENE	2	ir₀	53	85	6	5	7	-	4.6	10	4000	1	1
	Manston ...	1010.7	0	E'S	2	z₀	55	75	6	5	7	-	4.6	9+	4000	1	*
2	Shoeburyness ...	1010.7	0	E'S	2	c	55	85	6	5	7	-	4·6	9+	4000	1	*
	Felixstowe ...	1010.9	0	E	1	f	53	85	6	-	1	7	0	9+	-	1	1
	Gorleston ...	1011.8	+12	NE	2	f	51	85	6	5	-	-	9+	9+	2500	1	2
	Mildenhall ...	1010.7	+2	ENE	1	z₀	59	65	6	8	3	6	2·3	7·8	4000	0	*
	Cranwell ...	1011.0	+2	NNE	1	bc	57	65	7	8	6	-	2·3	2·3	4000	1	*
3	Birmingham ...	1010.5	+6	NE	2	z₀	56	65	5	6	7	-	4.6	9+	4000	1	*
	Upper Heyford	1010.6	0	NE	1	c	55	55	7	1	1	6	2·3	9	4000	1	*
4	Ross-on-Wye	1010.0	0	NE	3	z₀	61	55	6	7	-	-	4.6	4.6	4000	1	*
5	Portland Bill ...	1009.0	0	E	4	ir₀	55	92	7	5	-	-	10	10	2500	1	3
	Plymouth ...	1008.7	+6	NE E	4	c	55	75	8	5	7	-	2·3	9+	2500	1	1
	The Lizard ...	1008.3	+4	NE	3	c	53	85	8	8	6	-	9	10	1500	1	3
	Scilly (St. Mary's)	1009.1	+8	NE'E	4	z₀	55	85	5	5	3	-	2·3	2·3	2500	0	3
	Guernsey ...	1007.3	0	NE'E	4	rf	52	97	3	5	-	-	10	10	450	2	3
6	Pembroke ...	1009.2	0	NE'N	4	bc	59	55	7	5	-	-	2·3	2·3	5700	0	1
7	Holyhead ...	1011.8	+2	NNW	2	b	52	85	7	5	-	-	Tr	Tr	4000	0	1
	Chester (Sealand)	1011.0	+4	W'N	3	b	56	65	7	1	-	-	Tr	Tr	4000	1	*
8	Manchester ...	1010.7	+2	N	3	c	59	55	7	8	3	-	4.6	7·8	4000	1	*
10	Spurn Head ...	1011.9	+8	ESE	3	o	49	92	6	5	-	-	10	10	800	0	2
	Catterick ...	1012.2	+10	N	3	z₀	51	85	6	9	7	-	9	9+	1500	1	*
	Tynemouth ...	1012.0	+8	NNW	3	cf	46	87	9	5	-	-	10	10	800	1	2
11	Inchkeith ...	1012.9	+4	SW	1	c	50	92	8	5	7	-	4.6	7·8	2500	0	1
	Leuchars ...	1013.0	+6	SE	1	c	51	75	8	5	7	-	7·8	9+	2500	1	*
12	Renfrew (Abbots I.)	1012.3	+10	E	2	z₀	60	55	6	4	3	-	2·3	4.6	4000	0	*
	Eskdalemuir ...	1012.8	+6	NE'N	4	c	50	85	7	5	-	-	7·8	7·8	1500	0	*
	Point of Ayre...	1012.0	+2	E'S	1	bc	58	75	8	-	8	-	0	2·3	-	0	0
13A	Tiree ...	1014.0	+6	NNW	4	b	52	75	8	-	4	1	0	Tr	-	0	2
13B	Stornoway ...	1014.7	+10	ENE	4	bc	49	75	7	1	5	-	1	4.6	4000	0	2
15	Dalwhinnie ...	1013.4	+7	NNE	3	bc	55	55	8	4	6	-	1	2·3	4000	0	*
	Aberdeen ...	1013.0	+4	NNW	3	c	50	85	7	6	7	-	Tr	9+	1500	1	2
	Wick ...	1013.6	+10	NNE	2	c	47	92	7	8	7	-	4.6	7·8	800	1	1
16	Lerwick ...	1013.4	+8	NNE	3	c	48	85	8	5	7	-	4.6	7·8	1500	0	*
17	Blacksod Point	1014.6	+6	NNE	4	bc	57	75	8	-	3	-	0	2·3	-	0	3
18	Malin Head ...	1014.8	+12	NNW	2	b	53	85	7	7	-	-	1	1	4000	0	0
	Aldergrove ...	1012.7	+8	NNW	3	b	58	45	8	1	-	-	Tr	Tr	1500	1	*
19	Birr Castle ...	1011.6	+4	NW	1	c	64	45	8	2	-	5	4.6	7·8	4000	0	*
20	Valentia Obsy. †	1013.1	+6	N	4	b	60	55	8	1	3	-	Tr	Tr	4000	0	1
	Roches Point	1012.1	+6	ESE	2	bc	57	75	8	1	-	-	2·3	2-3	4000	0	2

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 14th (37)	13h.—18h. 14th (38)	18h. 14th—1h. 15th (39)	1h.—7h. 15th (40)
1	London (Kew)	oFoz	ir₀of	offom	cm₀
	Croydon ...	cm₀z₀	cz₀p₀ir₀	cir₀mm₀	cr₀d₀
	S. Farnborough	bcmcz₀	cz₀	cz₀m₀	cm₀
	Boscombe Down	offcm₀	cm₀c	c	cm₀
	Calshot (Sthmtn.)	cm₀	cm₀c	cbc	bccird₀m₀
	Lympne ...	cz₀c	cr₀c	cr₀d₀rr	om₀rr
	Manston ...	cmm₀z₀	cbccz₀	crr₀rrm	Rrrm₀q
2	Shoeburyness ...	bccm₀	p₀cm₀	cm₀	r₀r₀rrc
	Felixstowe ...	bcwm₀	bccm₀	cm₀	cirr₀r₀m₀
	Gorleston ...	cifc	c	c	cz₀c
	Mildenhall ...	cmfcz₀	cz₀	cz₀bcc	cz₀
	Cranwell ...	omcm₀	bcz₀bcc	bcbom₀	oid₀m₀
3	Birmingham ...	fbcm	bcc	cbc	bco
	Upper Heyford	ofcmbc	bcc	c	com₀
4	Ross-on-Wye	Fofcmbc	bcy	bczcmbm	cmom₀
5	Portland Bill ...	cir₀	iroc	cbc	bcb
	Plymouth ...	cm₀c	c	cm₀	cbcbm₀
	The Lizard ...	cr₀r₀	cpr₀c	cbc	bcz₀
	Scilly (St. Mary's)	c	cbcz₀	bczbw	b
	Guernsey ...	orrr₀	orrR	oRfo	odm
6	Pembroke ...	bcz₀c	cz₀ybq	bq	bcz₀c
7	Holyhead ...	b	b	bw	bwm₀
	Chester (Sealand)	bcm₀bcy	bcyb	b₀c	cmm₀
8	Manchester ...	cfbcc	cbcz₀cy	cycz₀m₀	cm₀
10	Spurn Head ...	oc	co	cfm	omdm₀
	Catterick ...	c	ccm₀	cm₀d₀m₀	m₀d₀omm₀
	Tynemouth ...	o	oidff	o	o
11	Inchkeith ...	c	c	cbc	bcz₀z
	Leuchars ...	cr₀r₀ir₀	c	bcbw	bcwcm
12	Renfrew (Abbots I.)	bzbcyv	c	ybccz₀	bcbFwm
	Eskdalemuir ...	bccbcc	cr₀cbc	bccbc	bccm₀
	Point of Ayre...	bcbbc	bc	bc	bc
13A	Tiree ...	b	b	bwbc	bcc
13B	Stornoway ...	cbc	bc	bcc	c
15	Dalwhinnie ...	c	cbc	•	bcf
	Aberdeen ...	cid₀	c	cbcc	cbcwc
	Wick ...	Frc	c	c	c
16	Lerwick ...	c	c	c	c
17	Blacksod Point	bc	bc	bc	bc
18	Malin Head ...	bc	bc	bz₀b	cz₀z₀
	Aldergrove ...	cbbcy	bcby	byb	boffm₀
19	Birr Castle ...	bbcy	bccy	cb	mbxby
20	Valentia Obsy. †	by	by	bybcb	bwb
	Roches Point	b	bbc	bcbcw	bcb

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 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.*

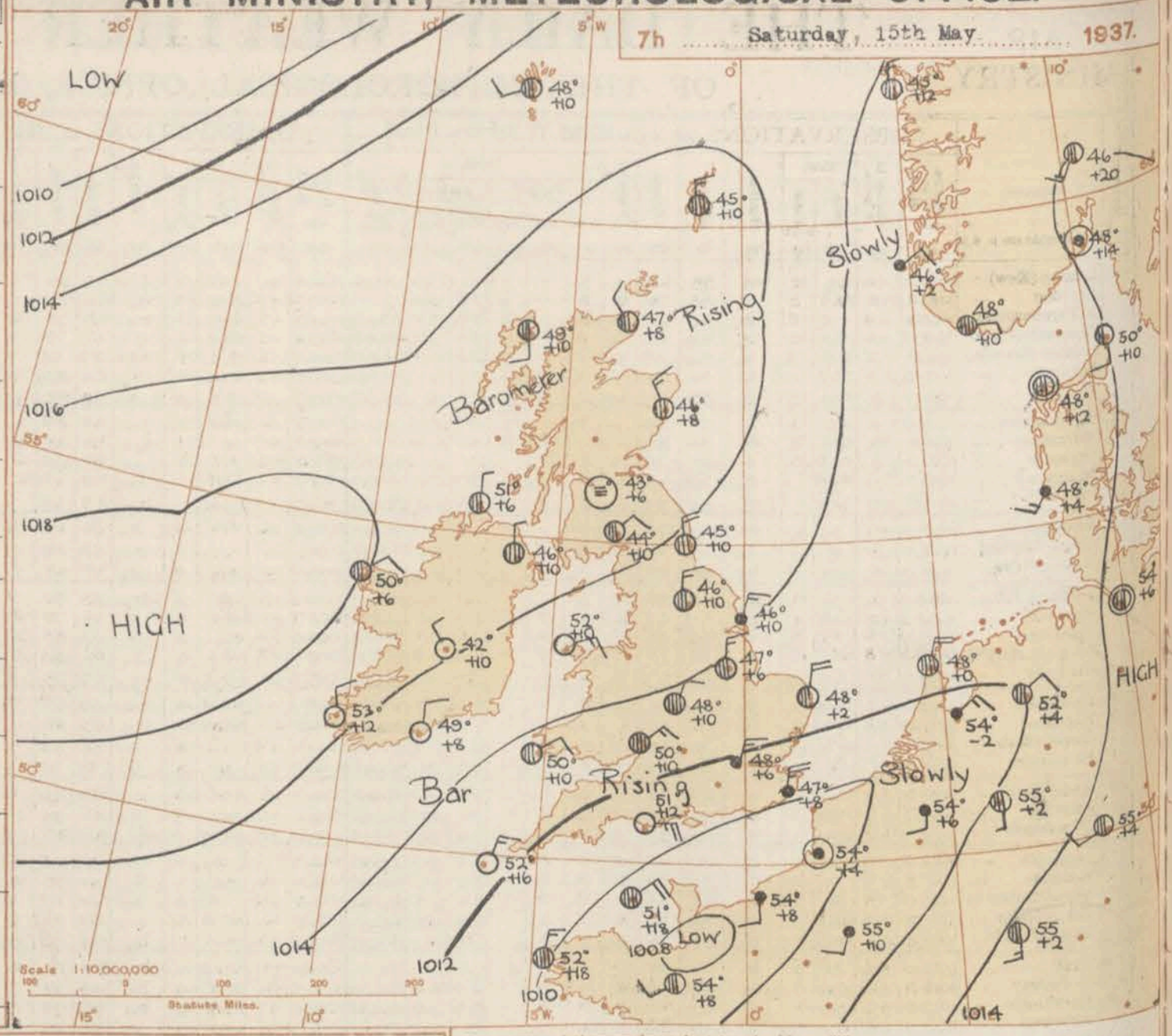
† Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 14th May 1937.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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	c	46	62	-	-	3.5	0.0
	Bournemouth	cbcc	o	45	65	-	-	1.8	0.0
	Ventnor ...	pou	orc	47	56	Trace		0.2	0.0
	Southsea ...	od.c	cp.c	47	58	Trace	Trace	0.8	0.0
	Bognor Regis	ccor	cbcc	47	57	-	Trace	0.6	0.1
	Littlehampton	c	c	45	58	-	-	1.5	0.0
	Worthing ...	bcc	c	45	57	-	-	1.4	0.1
	Brighton ...	cb	cbcd	44	58	0.2	Trace	1.4	0.1
	Eastbourne† ...	oc	cor.	45	59	-	0.2	1.4	2.1
	Hastings† ...	c	cor	44	59	Trace	0.5	1.0	0.0
	Folkestone ...	becm.	oco	45	58	Trace	-	3.4	0.0
	Dover ...	mcbc	bcer.	48	58	-	Trace	3.8	0.0
	Deal	c	cooc	49	59	-	-	6.1	0.4
	Ramsgate ...	bc	bcc	50	57	0.2	-	6.0	0.4
	Margate ...	bcc	bcc	50	58	-	-	4.1	0.6
2	Southend ...	c	beco	48	59	-	-	2.5	0.1
	Maldon ...	mb	co	42	61	-	-	3.5	0.0
	Clacton-on-Sea	bc	bcem	46	55	-	-	7.0	0.0
	Dovercourt ...	bc	boc	46	57	Trace	-	5.1	0.0
	Lowestoft ...	ccbcc	bccpr	46	55	-	Trace	2.9	0.0
	Skegness ...	omcbc	bcbcb	45	55	0.1	-	3.0	0.0
	Mablethorpe...								
	Cleethorpes ...	o	cbcc	45	55	0.3	-	0.7	0.0
3	Leamington S.	oc	cbc	42	60	-	-	3.7	0.6
4	Cheltenham†	m.cbc	bccbc	38	64	-	-	5.1	0.0
5	Bath	cbc	bcc	43	64	-	-	2.9	3.0
	Weymouth ...	mcb	c	46	56	-	-	2.1	7.4
	Jersey ...	rrc	crc	48	62	11	10	0.2	9.1
	Torquay ...	om.c	beco	50	57	-	-	0.4	13.8
	Penzance ...	c	ccbcc	52	60	-	-	0.5	10.8
	St. Ives ...	c	c	46	54	-	-	2.3	9.1
	Bude... ...	bbc	cbc	47	62	-	-	6.2	8.1
	Ilfracombe ...	cbcc	bcbbc	49	63	-	-	11.3	8.8
6	Aberystwyth	zbc	bcc	45	59	-	-	9.5	12.7
7	Llandudno ...	bbc	b	40	59	-	-	12.0	12.1
	Colwyn Bay...	bcbb	b	39	55	-	-	11.9	12.8
	Rhyl	b	b	37	57	-	-	11.5	13.0
8	Wallasey ...	b	b	44	57	-	-	10.2	9.7
	Southport ...	cbcb	bbc	41	60	-	-	8.8	13.1
	Blackpool ...	bcb	bbc	42	58	-	-	9.8	13.0
	Morecambe ...	bbccz	cbbcc	47	59	-	-	6.5	11.5
9	Ilkley... ...	c	c	46	58	-	-	0.5	0.4
	Harrogate ...	acbc	bc	44	56	-	-	1.8	0.1
10	Berwick-on-T.	ommo	m.do	44	48	-	Trace	0.0	0.0
11	Dunbar ...	cmro	cm.	44	50	Trace	-	0.0	3.8
12	Troon... ...	bbcbb	bcbcc	41	59	-	-	10.4	9.9
	Douglas ...	bz.	bcz.	42	61	-	-	11.7	13.6

† 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. 15th May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Moderate east or northeast winds; cloudy, occasional light rain or drizzle at first, fairer later; local morning mist; rather cool.
4 W. Midlands ... 5 S.W. England	Light or moderate east or northeast winds; mainly fair apart from local morning mist; average temperature.
6 South Wales ... 7 North Wales ... 8 N.W. England	Moderate east or northeast winds; bright periods, local morning mist; rather warm.
9 N. Midlands ...	As 4.
10 N.E. England 11 S.E. Scotland	Moderate northeast winds; mainly cloudy; rather cool.
12 S.W. Scotland & Isle of Man.	As 4.
13 A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland	Light variable winds, becoming southwest later; mainly fair after some drizzle at first; average temperature.
15 N. E. Scotland 16 Orkney and Shetland	Light variable winds; mainly cloudy with occasional drizzle; average temperature.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Light variable or northerly winds; bright periods; local morning mist; rather warm.

GENERAL INFERENCE.

A depression over Northern France will drift slowly east and an anticyclone off the western coast will spread eastwards. There will be considerable bright periods in the West, but it will be cloudy in the East and Southeast, with some slight rain or drizzle. Temperatures will be rather below the average in the East, rather above in the West.

FURTHER OUTLOOK.

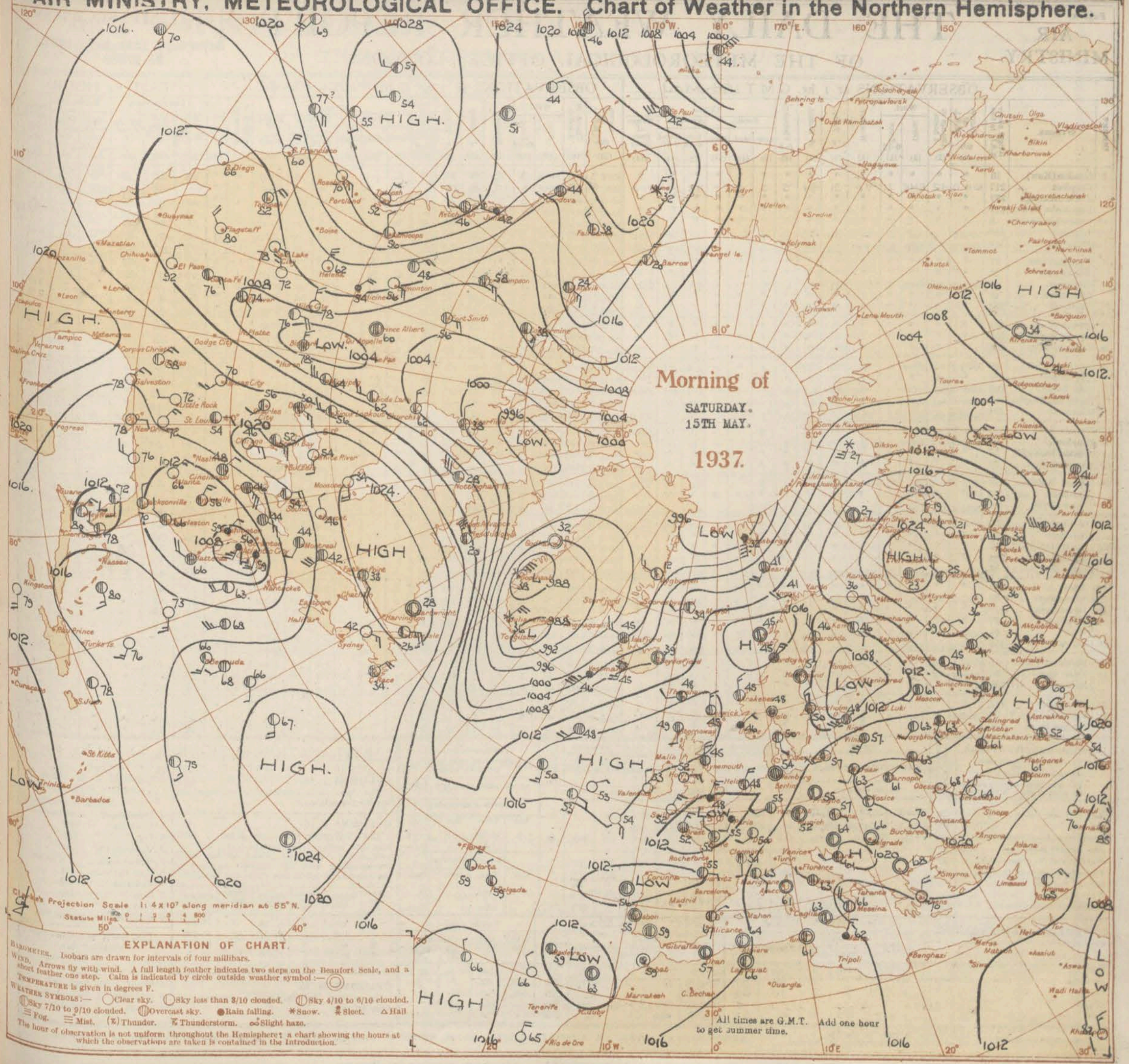
Mainly fair in most districts, but with considerable cloud in the East and Southeast; rather cool in the East; rather warm in the West.

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.



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.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 15th May, 1937.
No 27568

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

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	1011·0	+2	ENE	2	c/r	51	97	5	5	2	–	7·8	10	800
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1010·5	–6	NE	3	rr	50	92	5	6	–	–	10	10	450
	Manston ...	142	1010·7	–2	SE	3	rr	50	85	5	6	–	–	10	10	450
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1012·7	+6	NNW	2	c	47	92	6	5	–	–	9+	9+	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1009·7	+6	ENE	3	bc	53	85	7	4	–	–	4·6	4·6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1010·2	+4	N'E	2	bc	49	92	8	4	–	–	2·3	2·3	2500
	Scilly (St. Mary's)	163	1011·1	+4	NE'N	4	b	51	85	6	–	–	–	0	0	–
	Guernsey ..	175	1008·0	+6	NE	2	d.d.	51	97	4	5	–	–	10	10	800
6	Pembroke ...	142	1011·8	+4	NE'N	3	q	51	65	7	5	–	–	Tr	Tr	4000
7	Holyhead ...	26	1013·3	+4	NE'N	1	b	49	92	8	–	–	–	0	0	–
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1013·2	+8	N	3	m	47	97	4	5	–	–	10	10	800
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1014·4	+6	N	3	o	46	92	7	5	–	–	10	10	800
11	Inchkeith ...	190	1014·6	+6	SE	1	bc	48	92	8	5	–	–	4·6	4·6	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1014·3	+8	E'N	3	bc	49	97	8	5	–	–	2·3	2·3	2500
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1016·2	+6	NW	1	c	43	97	7	5	7	–	7·8	9	4000
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1015·5	+8	NNW	2	c	46	92	8	5	2	–	7·8	10	1500
16	Lerwick ...	156	1015·4	+6	NNE	4	c	45	85	8	5	3	–	7·8	10	1500
17	Blacksod Point	18	1017·1	+10	NE	2	b	51	85	8	–	–	–	0	0	–
18	Malin Head ...	84	1016·4	+8	N	1	b	49	92	6	–	–	–	0	0	–
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1014·9	0	ENE	1	b	53	97	8	–	–	–	0	0	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1012·3	+10	NNE	3	z.	48	85	6	5	–	–	10	10	800	1	*
	Croydon ...	1011·6	+6	NNE	3	id.	48	85	6	5	–	–	10	10	860	1	*
	S. Farnborough	1012·0	+12	N	4	z.	49	85	6	5	–	–	10	10	450	1	*
	Boscombe Down	1012·2	+10	NE	4	z.	47	85	6	5	–	–	10	10	1500	1	*
	Calshot (Sthmtn.)	1011·1	+14	N	4	c/d	51	85	6	5	7	–	7·8	9+	1500	1	§ 1
	Lympne ...	1010·1	+8	N'E	5	rr	47	92	5	6	2	–	9+	10	220	1	§ 4
	Manston ...	1010·8	+10	ENE	5	rr	48	92	5	6	–	–	10	10	450	1	*
2	Shoeburyness ...	1011·5	+4	N'E	3	rr	48	97	6	6	2	–	7·8	10	800	1	*
	Felixstowe ...	1012·2	+4	N'E	4	r.r.	47	92	6	6	2	–	7·8	10	800	1	3
	Gorleston ...	1012·7	+2	N'E	4	c	48	85	6	5	–	–	10	10	2500	0	2
	Mildenhall ...	1013·2	+8	N'E	3	z.	48	92	6	5	2	–	9	10	800	0	*
	Cranwell ...	1014·3	+6	N'E	3	c/d	47	92	6	5	–	–	10	10	800	1	*
3	Birmingham ...	1014·6	+10	NE	2	o	48	85	5	6	–	–	10	10	800	1	*
	Upper Heyford	1013·9	+6	NE	3	c	47	85	6	5	2	–	9	10	800	1	*
4	Ross-on-Wye	1013·8	+10	NE	3	z.	50	85	6	5	–	–	10	10	800	1	*
5	Portland Bill ...	1010·6	+12	E	5	b	51	85	7	–	–	–	0	0	–	1	3
	Plymouth ...	1011·9	+14	NNE	2	z.	54	75	6	–	–	–	0	0	–	1	1
	The Lizard ...	1011·5	+12	N'E	2	bc	52	85	6	5	–	–	4·6	4·6	2500	1	2
	Scilly (St. Mary's)	1012·7	+16	NE'N	3	b	52	92	7	–	–	–	0	0	–	0	2
	Guernsey ..	1009·9	+18	NE	4	fs	51	97	5	5	–	–	10	10	1500	1	3
6	Pembroke ...	1012·9	+10	NE'E	2	z.	50	85	6	5	6	–	4·6	7·8	4000	0	1
7	Holyhead ...	1014·8	+10	E'N	3	b	52	85	6	–	–	–	0	0	–	0	1
	Chester (Sealand)	1014·9	+10	N'W	1	z.	50	85	5	5	–	–	9+	9+	2500	1	*
8	Manchester ...	1015·2	+16	NE	3	z.	49	85	6	5	–	–	10	10	2500	1	*
10	Spurn Head ...	1014·6	+10	NE'N	3	d	46	97	5	5	–	–	10	10	450	1	2
	Catterick ...	1015·8	+10	N'E	3	z.	46	92	6	5	2	–	9+	10	800	1	*
	Tynemouth ...	1015·6	+8	N	4	c	45	92	7	6	2	–	7·8	10	1500	1	2
11	Inchkeith ...	1016·5	+4	SE	1	m	47	97	4	5	–	–	4·6	4·6	800	0	1
	Leuchars ...	1016·3	+10	–	0	c	46	92	7	5	–	–	10	10	2500	1	*
12	Renfrew (Abbots I.)	1016·2	+6	–	0	m	43	97	4	5	–	–	4·6	4·6	5700	0	*
	Eskdalemuir ...	1016·5	+10	NE	2	c	44	92	6	5	–	–	9+	9+	450	0	*
	Point of Ayre...	1015·7	+10	NE	1	bc	49	97	8	–	3	–	0	2·3	–	0	1
13A	Tiree ...	1016·7	+8	N'W	2	c	50	92	7	5	3	–	2·3	9	800	0	2
13B	Stornoway ...	1017·1	+10	S	2	c	49	85	7	5	7	–	4·6	9+	2500	0	1
15	Dalwhinnie ...	*	+4	NNE	1	fg	40	97	2	–	–	–	0	0	–	0	*
	Aberdeen ...	1016·6	+8	NNW	3	c	46	85	8	1	3	–	Tr	7·8	2500	0	1
	Wick ...	1016·2	+8	NW	2	c	47	75	8	5	7	–	7·8	9	1500	1	2
16	Lerwick ...	1016·7	+10	N	3	c	45	85	8	5	–	–	10	10	1500	0	*
17	Blacksod Point	1017·9	+6	NE	2	c	50	92	7	5	–	–	7·8	7·8	800	0	2
18	Malin Head ...	1017·4	+6	N	1	c	51	97	6	7	–	2	7·8	7·8	2500	0	0
	Aldergrove ...	1016·9	+10	N	1	o/f	46	97	5	5	–	–	10	10	220	1	*
19	Birr Castle ...	1016·4	+10	NW	1	b	42	97	8	–	–	–	0	0	–	0	*
20	Valentia Obsy. †	1016·2	+12	N'W	2	b	53	75	8	–	–	–	0	0	–	0	1
	Roches Point	1015·7	+8	N	2	b	49	85	8	–	–	–	0	0	–	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 14th Hrs. (36)
1	London (Kew)	58	48	48	Tr	–	0·5
	Croydon ...	61	48	47	Tr	Tr	1·5
	S. Farnborough	61	47	46	–	–	1·9
	Boscombe Down	61	45	43	–	–	2·7
	Calshot (Sthmtn.)	56	50	49	–	Tr	1·1
	Lympne ...	55	47	47	Tr	13	3·6
	Manston ...	58	47	47	–	12	5·4
2	Shoeburyness ...	57	47	47	Tr	5	1·9
	Felixstowe ...	55	47	46	–	0·1	9·1
	Gorleston ...	56	46	45	–	–	3·8
	Mildenhall ...	55	45	41	–	–	2·9
	Cranwell ...	55	46	45	–	Tr	4·2
3	Birmingham ...	55	46	38	–	–	3·1
	Upper Heyford	62	44	41	–	–	*
4	Ross-on-Wye	63	47	43	–	–	7·2
5	Portland Bill ...	54	49	*	0·5	–	*
	Plymouth ...	58	51	47	–	–	1·5
	The Lizard ...	53	48	*	1	–	*
	Scilly (St. Mary's)	58	49	*	–	Tr	5·8
	Guernsey ..	53	51	50	15	3	0·0
6	Pembroke ...	63	46	*	–	–	10·8
7	Holyhead ...	54	48	39	–	Tr	14·1
	Chester (Sealand)	60	46	41	–	–	12·9
8	Manchester ...	61	41	35	–	–	3·3
10	Spurn Head ...	54	45	*	–	0·2	0·7
	Catterick ...	55	46	46	–	Tr	0·0
	Tynemouth ...	49	45	44	Tr	–	0·0
11	Inchkeith ...	51	44	35	–	–	0·4
	Leuchars ...	54	39	31	0·4	–	0·0
12	Renfrew (Abbots I.)	64	38	34	–	–	10·2
	Eskdalemuir ...	56	37	32	Tr	–	3·0
	Point of Ayre...	60	47	*	–	–	12·4
13A	Tiree ...	57	46	41	–	–	14·4
13B	Stornoway ...	52	42	*	–	–	13·2
15	Dalwhinnie ...	56	28	20	–	–	5·7
	Aberdeen ...	50	42	39	Tr	–	0·0
	Wick ...	52	45	*	1	–	*
16	Lerwick ...	49	44	*	–	–	0·9
17	Blacksod Point	60	45	*	–	–	*
18	Malin Head ...	53	49	*	–	–	13·8
	Aldergrove ...	63	38	31	–	–	13·1
19	Birr Castle ...	65	36	27	–	–	12·3
20	Valentia Obsy. †	65	46	36	–	Tr	14·1
	Roches Point	58	46	*	–	Tr	*

LONDON OBSERVATIONS

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

Stations	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon. (24 hrs. ended 9h.)	Weather Night. (24 hrs. ended 9h.)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity 15h. G.M.T. % (Yesterday.)	Humidity 9h. G.M.T. % (To-day.)	Visibility 9h. (To-day.)
Kew ...	18	oFoz	ir.of	offom	58	48	48	Tr	–	0·5	*	*	6
Croydon ...	217	cm.z.	cz.pr.ir.	cir.m.z.	61	48	47	Tr	Tr	1·5	*	*	
Greenwich (Royal Observatory) ...	149	cm.	cr.m.	cm.	63	47	44	Tr	–	2·0	85	80	6
City (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	1·3	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	61	48	47	Tr		1·3	73	77	*
Regents Pk. (Botanic Gardens)‡ ...	168	*	*	*	60	48	47	–	Tr	1·5	85	79	*
Camden Square ...	110	bcc	cpc	*	59	48	45	Tr	–	*	*	76	*
Kensington ...	80	bzcco	co	*	60	48	46	Tr	–	1·5	84 At 18h.	79	*
Hampstead Observatory ...	450	bcp	o	om	57	44	37	–	Tr	2·0	*	83	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 15th

South Kensington. Max.	Time.	Min.	Time.
1·3	8·9h 14th	<0·3	4–7h 15th

Kew Observatory. Max.	Time.	Min.	Time.
0·3	18h 14th	<0·1	6h 15th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 14th May Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 15th May 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	SSW	2	c/pr	61	1011·0	SSW	2	r.r.	55	63	54	0·6	0·5
Brussels ...	1011·7	–	0	pr.	57	1010·9	S	2	r.r.	54	64	52	1	3
Berlin ...	1012·9	S	2	jp	63	1015·7	S	1	z.	55	68	50	Tr	–
Zürich ...						1018·8	SE	1	bc	54		46		–
Rome ...	1016·7	E'S	3	c	63	1018·3	NW	1	c	63	*	*	–	–

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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, 16th May, 1937.

No. 27569.

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1013.8	+12	NNE	4	z_o	53	75	6	5	-	-	10	10	1500
	Croydon ...	1013.2	+6	N'E	4	z_o	52	75	6	5	2	-	9	10	1500
	S. Farnborough	1013.4	+8	N	3	c	53	75	6	5	-	-	10	10	1500
	Boscombe Down	1014.3	+10	N'E	4	c	50	85	7	5	-	-	10	10	2500
	Calshot (Sthmtn.)	1013.4	+10	N	4	z_o	55	75	6	8	-	-	10	10	1500
	Lympne ...	1012.1	+6	N'E	5	c/d	48	92	5	6	2	-	9	10	450
	Manston ...	1011.9	+8	NE	4	$r_o r_o$	48	92	6	6	2	-	9	10	450
2	Shoeburyness ...	1015.0	+6	N'E	3	c	53	85	8	5	2	-	9	10	1500
	Felixstowe ...	1012.8	+6	N'E	4	z_o	53	75	6	5	2	-	7-8	10	1500
	Gorleston ...	1013.7	+8	N	4	c	51	85	6	5	-	-	10	10	2500
	Mildenhall ...	1014.2	+10	N'E	4	c	51	85	7	5	2	-	9	10	1500
	Cranwell ...	1015.5	+6	N	4	c	51	85	7	5	-	-	9	10	800
3	Birmingham ...	1016.1	+6	NNE	3	0	50	85	5	5	-	-	10	10	1500
	Upper Heyford	1015.1	+6	NE	4	c	50	75	7	5	2	-	7-8	10	1500
4	Ross-on-Wye	1015.0	+6	NE	4	z_o	53	75	5	5	-	-	10	10	1500
5	Portland Bill ...	1012.6	+16	E	4	c	56	65	7	4	-	-	7-8	7-8	2500
	Plymouth ...	1013.3	+2	NE'N	3	c	61	65	7	8	-	-	7-8	7-8	2500
	The Lizard ...	1013.1	+4	NE	2	c	62	65	6	8	6	-	7-8	9	2500
	Scilly (St. Mary's)	1015.0	+8	NE	4	b	57	85	6	-	-	-	0	0	-
	Guernsey ...	1012.8	+14	NE	2	z_o	52	85	6	5	-	-	10	10	1500
6	Pembroke ...	1013.8	+4	NE'N	4	q	60	55	6	5	7	-	4-6	7-8	2500
7	Holyhead ...	1016.5	+6	N	3	b	54	85	7	1	-	-	Tr	Tr	4000
	Chester (Sealand)	1016.0	+2	NE	2	z_o	57	65	6	8	-	-	4-6	4-6	4000
8	Manchester ...	1016.3	+4	NE	2	z_o	56	65	6	5	7	-	4-6	9+	4000
10	Spurn Head ...	1015.4	+6	N'E	4	0	50	92	6	5	-	-	10	10	800
	Catterick ...	1016.7	0	NNE	3	z_o	51	75	6	5	-	-	10	10	1500
	Tynemouth ...	1016.7	+6	N	3	0	47	85	7	-	2	-	10	10	1500
11	Inchkeith ...	1016.6	+2	SE	1	bc	54	85	8	5	-	1	2-3	4-6	2500
	Leuchars ...	1017.3	+4	E	3	bc	54	65	7	1	-	1	2-3	2-3	2500
12	Renfrew (Abbotsl.)	1015.7	+2	WSW	2	c	62	55	8	8	-	-	7-8	7-8	4000
	Eskdalemuir ...	1016.0	-2	E'S	2	c	57	55	7	8	-	-	9+	9+	2500
	Point of Ayre ...	1017.1	+4	N	1	bc	55	85	8	1	4	-	1	2-3	4000
13A	Tiree ...	1017.6	+6	N	2	c	55	75	7	-	3	-	0	7-8	-
13B	Stornoway ...	1017.8	0	SSE	1	c	53	75	8	5	7	-	7-8	9	2500
15	Dalwhinnie ...	1016.4	-2	NE	3	c	57	55	8	5	2	-	7-8	10	2500
	Aberdeen ...	1017.5	+6	N'E	3	c	52	65	8	5	-	-	9+	9+	2500
	Wick ...	1018.1	+10	E	1	c	50	75	8	5	2	-	5-7	8-9	1500
16	Lerwick ...	1017.8	+6	NE	3	c	48	75	8	5	7	-	4-6	7-8	1500
17	Blacksod Point	1018.2	0	NE	3	b	55	75	7	2	-	-	1	1	4000
18	Malin Head ...	1018.0	+4	NNW	2	bc	54	92	6	8	-	-	2-3	2-3	1500
	Aldergrove ...	1016.5	-6	NW	2	bc	62	55	7	1	-	6	1	4-6	2500
19	Birr Castle ...	1016.6	0	NW	1	bc	63	55	8	1	-	1	2-3	4-6	4000
20	Valentia Obsy. †	1017.1	0	NNE	4	b	62	55	8	1	-	1	Tr	Tr	4000
	Roches Point	1016.7	+6	SE	2	bc	58	75	8	1	-	-	2-3	2-3	4000

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Cloud. Form. Med. (24)	Cloud. Form. High. (25)	Cloud. Amount. Low 0–10 (26)	Cloud. Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1015.7	+10	NNE	3	z_o	52	75	6	5	-	-	10	10	1500	1	*
	Croydon ...	1015.4	+16	NNE	3	z_o	52	75	6	5	-	-	9+	10	1500	1	*
	S. Farnborough	1015.6	+14	NNE	3	z_o	51	75	6	5	-	-	10	10	1500	1	*
	Boscombe Down	1015.8	+10	NE	3	c	51	75	7	5	2	-	8	10	2500	1	*
	Calshot (Sthmtn.)	1015.4	+16	N	4	z_o	53	75	6	5	-	-	10	10	1500	1	2
	Lympne ...	1014.7	+16	N'E	4	c	49	85	6	5	3	-	4-6	9+	5700	1	4
	Manston ...	1014.5	+16	NE	4	c/r	49	85	6	5	7	-	7-8	9+	450	1	*
2	Shoeburyness ...	1015.2	+16	N'E	2	c	51	85	8	5	-	-	10	10	1500	1	*
	Felixstowe ...	1015.0	+16	N'E	4	c	50	85	7	5	-	-	10	10	1500	1	3
	Gorleston ...	1015.5	+6	N	4	c	49	85	6	5	-	-	10	10	2500	0	2
	Mildenhall ...	1015.7	+10	N'E	3	c	52	75	8	5	2	-	9	10	1500	0	*
	Cranwell ...	1016.7	+10	NNE	2	c	51	85	7	5	3	-	9	9+	1500	1	*
3	Birmingham ...	1016.7	+10	ENE	3	c	52	75	7	7	-	-	9	9	2500	1	*
	Upper Heyford	1016.6	+10	NNE	3	z_o	51	85	6	5	2	-	7-8	10	1500	1	*
4	Ross-on-Wye	1016.2	+6	NE'E	3	z_o	53	75	5	5	-	-	9+	9+	2500	1	*
5	Portland Bill ...	1015.0	+10	E	3	c	54	92	7	4	-	-	10	10	2500	1	3
	Plymouth ...	1015.1	+10	NE	1	z_o	58	65	6	5	-	-	9	9	2500	1	1
	The Lizard ...	1015.5	+12	SE	1	c	53	85	6	5	-	-	9+	9+	2500	1	1
	Scilly (St. Mary's)	1015.8	+6	N'E	2	b	56	85	6	-	-	-	0	0	-	0	1
	Guernsey ...	1014.9	+12	NE'E	2	c	53	85	6	5	-	-	9+	9+	2500	1	2
6	Pembroke ...	1014.7	+2	NE	3	bc	59	65	7	8	-	-	2-3	2-3	4000	0	1
7	Holyhead ...	1017.2	+4	N	2	b	53	85	7	2	3	-	Tr	Tr	4000	0	1
	Chester (Sealand)	1016.7	+6	WNW	3	z_o	55	75	6	8	-	-	7-8	7-8	4000	0	*
8	Manchester ...	1016.7	+8	NE	3	z_o	57	65	6	5	-	-	4-6	4-6	4000	1	*
10	Spurn Head ...	1016.6	+12	N'E	5	c	47	85	7	5	2	-	7-8	10	1500	0	3
	Catterick ...	1017.5	+8	NE'E	2	z_o	49	85	6	5	-	-	4-6	4-6	2500	1	*
	Tynemouth ...	1018.0	+4	N	2	c	48	97	7	2	-	9	7-8	7-8	1500	1	1
11	Inchkeith ...	1017.6	+4	E	3	c	48	92	8	8	-	-	7-8	7-8	4000	0	2
	Leuchars ...	1018.0	+6	E	3	bc	50	75	8	-	7	-	0	4-6	-	1	*
12	Renfrew (Abbotsl.)	1016.1	+6	ENE	3	c	57	75	7	5	3	-	7-8	9	5700	0	*
	Eskdalemuir ...	1016.8	+6	S'E	2	c	55	65	7	8	-	-	9+	9+	4000	0	*
	Point of Ayre ...	1017.3	0	NW'W	1	c	53	92	8	4	7	-	2-3	9	4000	0	0
13A	Tiree ...	1018.0	+4	NNW	1	b	54	85	9	1	4	-	Tr	Tr	4000	0	1
13B	Stornoway ...	1018.2	0	NNW	4	c	54	65	8	5	7	-	4-6	7-8	2500	0	1
15	Dalwhinnie ...	1017.8	+6	NE	2	c	55	45	8	4	6	-	4-6	7-8	2500	0	*
	Aberdeen ...	1018.5	+6	NE	4	b	47	85	8	5	-	2	1	1	4000	0	2
	Wick ...	1018.9	+4	S	1	c	48	85	8	5	7	-	7-8	9+	1500	0	1
16	Lerwick ...	1018.7	+6	NE	2	c	47	75	8	5	7	-	7-8	9+	1500	0	*
17	Blacksod Point	1018.7	+4	NE	3	b	58	75	7	-	-	-	0	0	-	0	2
18	Malin Head ...	1018.7	+4	NNW	1	bc	54	85	6	7	-	-	2-3	2-3	4000	0	0
	Aldergrove ...	1017.5	+10	N'W	3	b	59	65	7	1	-	-	Tr	Tr	4000	1	*
19	Birr Castle ...	1016.7	0	NW	1	bc	64	55	8	1	-	-	2-3	2-3	4000	0	*
20	Valentia Obsy. †	1017.2	+2	N'E	4	bc	62	55	8	1	-	1	1	2-3	4000	0	1
	Roches Point	1017.6	+10	SE	2	bc	57	75	8	1	-	1	1	2-3	4000	0	1

PAST 24 HOURS.

Stations	Weather. 7h.—13h. 15th (37)	Weather. 13h.—18h. 15th (38)	Weather. 18h. 15th to 1h. 16th (39)	Weather. 1h.—7h. 16th (40)
London (Kew)	cm.	cm.	cm. d.	cm.
Croydon ...	cid. r. c	cz.	cz. c	cm. d. d.
S. Farnborough	cm. z.	cz.	cm.	cm. d. o
Boscombe Down	cm. c	c	c	cm.
Calshot (Sthmtn.)	cm.	cm.	cm.	cm.
Lympne ...	om. r. d.	om. d. c	com.	om. d.
Manston ...	orrm. r.	or. r. m.	cm.	cm.
Shoeburyness ...	m. rrc	c	c	c
Felixstowe ...	cr. r. m.	cm.	c	c
Gorleston ...	c	c	c	cor. c
Mildenhall ...	cz. c	c	c	c
Cranwell ...	cm. cir.	c	c	cm. w
Birmingham ...	o	oc	cbc	bcc
Upper Heyford	c	cm.	cm.	com.
Ross-on-Wye	om.	cz	czbcm.	bwcm
Portland Bill ...	c	c	c	c
Plymouth ...	bcz. bcc	cz.	cz.	cbc wc
The Lizard ...	bcz.	cbccz	cbcb	bbciw
Scilly (St. Mary's)	bbcb	b	bw	bbcc
Guernsey ...	oidom	oz. oc	co	o
Pembroke ...	cm. yqc	cbc	bz.	bz.
Holyhead ...	bm. bc	b	bw	bwm.
Chester (Sealand)	cm. bcz.	bccz.	cz.	bmwFFe
Manchester ...	cm.	cb z.	bcbm	mw bm
Spurn Head ...	dm. o	oc	co	o
Catterick ...	om. cm.	cm. bcz.	bcz. m.	c m.
Tynemouth ...	o	oc	b. o	o
Inchkeith ...	zcbc	bcc	cbc	bcc
Leuchars ...	c. b.	bbc	bcbw	bcwc
Renfrew (Abbotsl.)	bcmz. y	cyc	cbcc dom. cw	
Eskdalemuir ...	cbcc	bccyc	c	cbcc
Point of Ayre ...	bcbbc	bcc	cbc	mcfw
Tiree ...	c	cb	bw	bw
Stornoway ...	cd.	c	c	c
Dalwhinnie ...	bc	c	*	c
Aberdeen ...	cwc	cbcb	bbwc	cwc
Wick ...	c	c	bc	bc
Lerwick ...	c	c	c	c
Blacksod Point	bc	bc	bc	b
Malin Head ...	bcz.	bccbcz.	bc	c
Aldergrove ...	cbbc	bcyby	byb	bcff
Birr Castle ...	bbcy	bcy	bcb	b
Valentia Obsy. †	by	bbcy	bcyb	bwb
Roches Point	bbc	bc	bccw	bcwbz.

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 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.

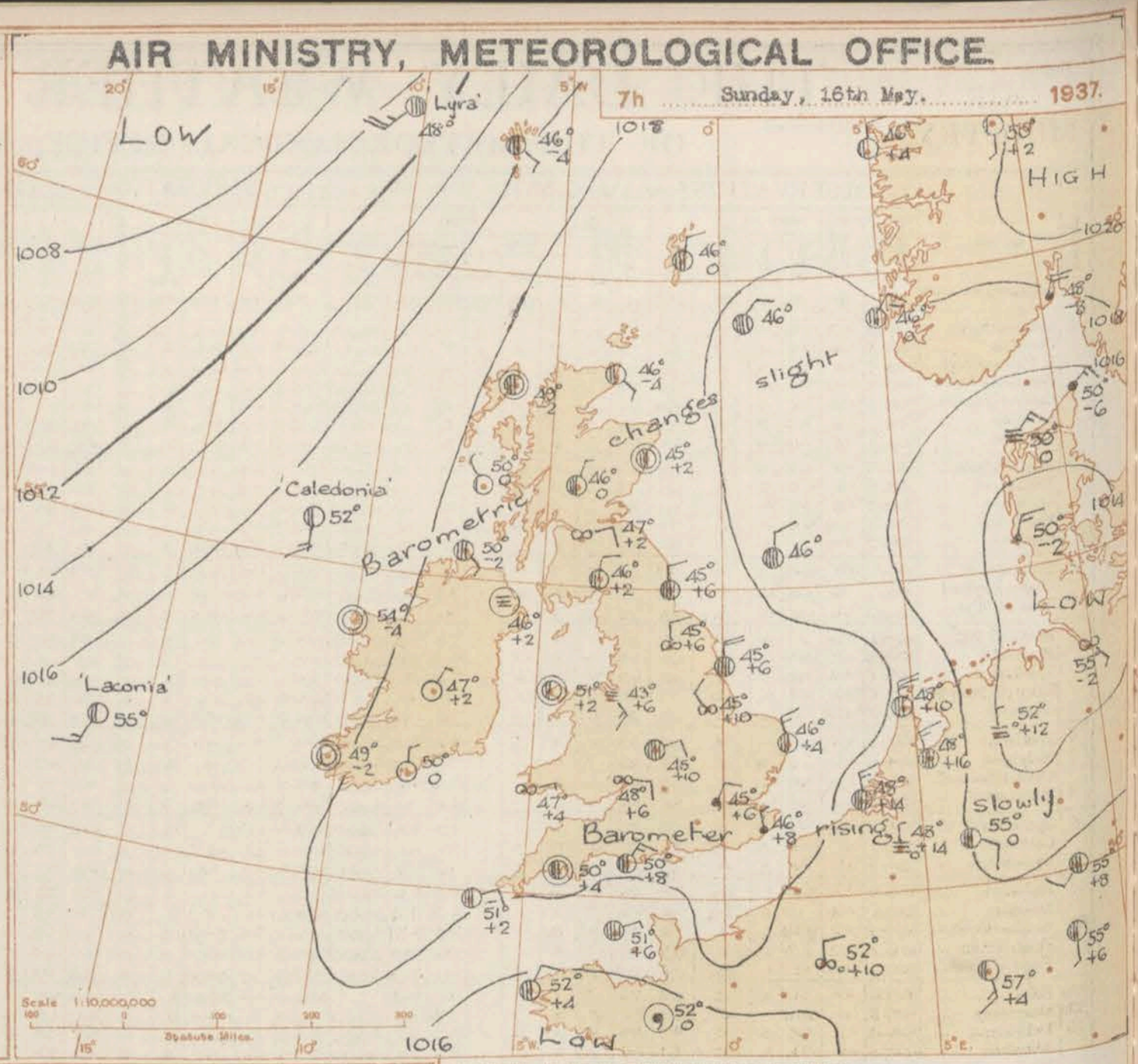
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 15th May 1937.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	do	o	47	52	3	Trace	0.0	3.5
	Bournemouth	bc	bco	48	58	-	-	3.5	1.8
	Ventnor ...	ocbc	cz	49	58	-	-	4.8	0.2
	Southsea ...	c	c	49	58	-	-	0.8	2.0
	Bognor Regis	croc	bcc	50	57	1	Trace	0.5	0.6
	Littlehampton	ocbc	bcc	49	58	2	-	1.1	1.6
	Worthing ...	c	c	48	55	4	-	0.6	1.7
	Brighton ...	c	cb	48	56	3	-	0.5	1.6
	Eastbourne† ...	o	o	49	55	5	-	0.0	1.4
	Hastings† ...	oc	co	48	55	6	-	0.4	1.0
	Folkestone ...	orm.o	oro	48	55	19	0.5	0.0	3.4
	Dover ...	rp	rp	45	51	20	2	0.0	3.8
	Deal	r.r.	r.o	48	50	18	1	0.0	6.1
	Ramsgate ...	r	rc	47	50	17	1	0.0	6.0
	Margate ...	cr	c	48	50	13	1	0.0	4.1
2	Southend ...	oro	o	47	54	3	0.3	0.0	2.5
	Maldon ...	r.o	o	47	53	Trace	-	0.0	3.5
	Clacton-on-Sea	orc	c	46	54	3	0.4	0.0	7.0
	Dovercourt ...	roc	oc	47	53	0.6	-	0.0	5.1
	Lowestoft ...	c	c	45	52	-	-	1.1	2.5
	Skegness ...	ocbc	bco	46	53	-	-	0.7	3.3
	Mablethorpe...	ocbc	bcco	45	53	-	-	3.3	*
	Cleethorpes ...	oc	o	46	50	Trace	-	0.0	0.7
3	Leamington S.	odo	o	47	53	Trace	-	0.0	3.9
4	Cheltenham†	o	oco	46	56	Trace	-	0.0	5.5
5	Bath								
	Weymouth ...	mb	c	50	60	-	-	5.9	2.1
	Jersey ...	rco	o	48	55	2	-	0.0	0.2
	Torquay ...	bb cm	bcco	48	61	-	-	7.4	0.4
	Penzance ...	b	bbcc	51	64	-	-	10.4	1.2
	St. Ives ...	b	b	46	60	-	-	10.3	2.3
	Bude... ...	cbc	bc	45	61	-	-	10.6	7.6
	Ilfracombe ...	cbcz	cbcz	46	55	-	-	8.9	12.5
6	Aberystwyth	zbcc	bccz	47	61	-	-	6.7	11.3
7	Llandudno ...	cbc	b	43	56	-	-	7.5	13.9
	Colwyn Bay...	bo	obcbc	42	54	-	-	6.8	14.2
	Rhyl	c	cbcb	43	55	-	-	5.2	13.6
8	Wallasey ...	c	cbc	44	57	-	-	5.2	12.3
	Southport ...	bc	cbcc	42	60	-	-	7.6	10.2
	Blackpool ...	cbc	bbc	44	59	-	-	9.0	10.5
	Morecambe ...	bcc bc	bcbbc	44	61	-	-	7.5	8.2
9	Ilkley... ...	c	c	46	55	-	-	0.0	0.7
	Harrogate ...	d.c	cbc	50	55	Trace	-	1.7	2.1
10	Berwick-on-T.	bc	bcb	45	50	-	-	8.2	0.1
11	Dunbar ...	cmo	bc	41	52	-	-	5.8	0.2
12	Troon... ...	bbcbb	bcbb	46	60	-	-	10.6	1.4
	Douglas ...	bcz.o	bcz.	42	57	-	-	9.5	13.5

† 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. 16th May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light or moderate winds between north and northeast, some bright periods in afternoon; early morning mist; rather cool on coasts; average day temperature inland.
4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Light variable winds, mainly fair or fine; early morning mist or fog inland; average temperature or rather warm.
10 N.E. England 11 S.E. Scotland	As 1 - 2.
12 S.W. Scotland & Isle of Man 13 A. W. Scotld. B.N.W.Scotland.	Light variable winds becoming southwesterly, fair or fine at first, becoming cloudy, some rain or drizzle later; average temperature.
14 Mid Scotland	As 3 - 9.
15 N. E. Scotland 16 Orkney and Shetland	As 1 - 2.
17 N. W. Ireland 18 N. E. Ireland	As 12 - 13B.
19 S. E. Ireland 20 S. W. Ireland	As 3 - 9.

GENERAL INFERENCE

Pressure is uniform and rather high over the British Isles. Weather will be cloudy or dull in East Scotland, East and Southeast England, mainly fair or fine in the Midlands and in South and West England, and at first in West Ireland and West Scotland, where it will deteriorate later. Temperature willbe average or rather high in the West and rather low in the East.

FURTHER OUTLOOK.

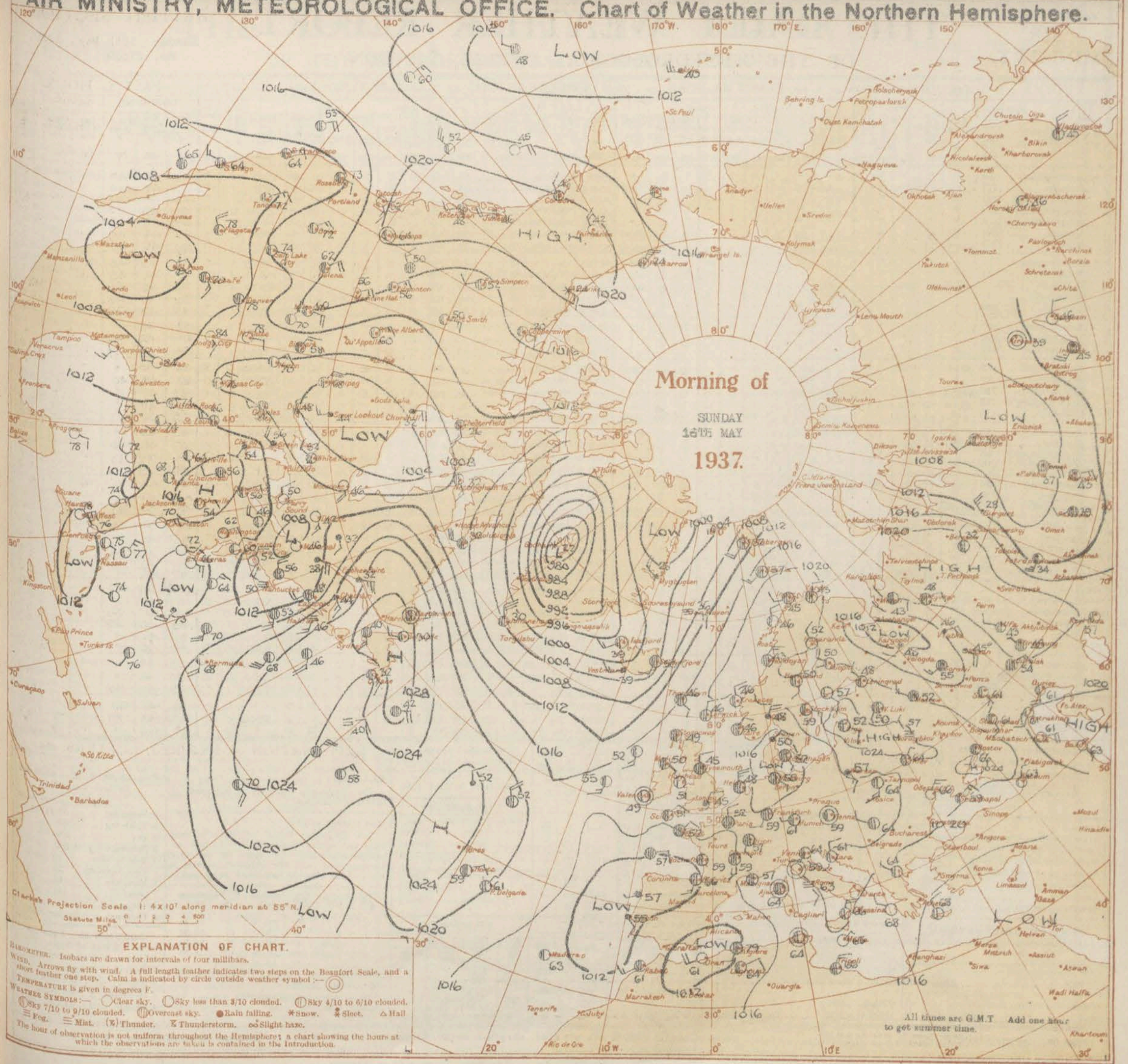
Unsettled in the extreme West and Northwest; mainly fairor fine elsewhere.

Forecasts issued at 1100 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.



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.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 16th May, 1937.
No. 27569.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1017·9	+2	NE'N	2	c	48	85	7	5	–	–	10	10	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1017·5	+6	N	3	0	47	92	6	5	–	–	10	10	1500
	Manston ...	142	1015·7	+2	NE	3	c	48	85	6	5	–	–	10	10	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1016·9	0	NNW	3	c	48	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	1016·9	0	ENE	3	c	50	92	7	4	–	–	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1017·4	0	NE'E	1	b	49	92	7	–	–	–	0	0	–
	Scilly (St. Mary's)	163	1017·9	+4	SE'E	2	b	49	97	7	–	–	–	0	0	–
	Guernsey ..	175	1017·0	+2	ENE	1	0	51	92	6	5	–	–	10	10	2500
6	Pembroke ...	142	1017·9	+4	ESE	1	2.	48	85	6	5	–	–	1	1	4000
7	Holyhead ...	26	1018·3	0	NNW	1	b	50	85	8	–	–	–	0	0	–
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1018·7	+4	N	4	0	46	85	6	5	–	–	10	10	800
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1019·5	0	W	1	0	44	92	6	5	–	–	10	10	800
11	Inchkeith ...	190	1019·6	+4	ESE	3	bc	45	97	8	5	–	–	2-3	2-3	4000
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1018·0	+2	WNW	3	bc	48	97	8	5	–	–	2-3	2-3	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1018·8	+2	ESE	2	c	49	97	7	5	7	–	4-6	9	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1019·5	–2	SSW	1	bc	42	97	8	5	1	–	2-3	2-3	1500
16	Lerwick ...	156	1020·1	0	ENE	1	c	45	75	8	8	7	–	7-8	9	1500
17	Blacksod Point	18	1018·5	–4	NE	1	b	50	85	8	–	–	–	0	0	–
18	Malin Head ...	84	1019·6	0	–	0	bc	45	97	7	3	–	–	4-6	4-6	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1018·5	0	–	0	b	52	97	8	–	–	–	0	0	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 * (30)
London (Kew)	1019·1	+4	NNW	1	d.d.	46	92	6	5	–	–	10	10	1500	1	*
Croydon ...	1019·0	+6	NE'N	2	d.d.	45	92	6	5	–	–	4-6	10	800	1	*
S. Farnborough	1019·2	+12	N	1	id.	45	92	6	5	–	–	10	10	1500	1	*
Boscombe Down	1019·1	+8	NNE	3	z.	46	85	6	5	–	–	9+	9+	1500	0	*
Calshot (Sthmtn.)	1018·8	+12	NNE	2	z.	49	85	6	5	–	–	10	10	1500	1	§ 1
Lympne ...	1018·5	+8	NW	1	id.	46	85	7	5	–	–	10	10	1500	1	§ 1
Manston ...	1017·7	+6	NNE	2	c	48	85	6	5	–	–	10	10	1500	1	*
Shoeburyness ...	1018·9	+6	–	0	c	47	92	8	5	–	–	10	10	2500	1	*
Felixstowe ...	1018·3	+8	NNW	3	c	48	85	7	5	–	–	10	10	1500	1	1
Gorleston ...	1018·2	+4	NNW	3	c	46	85	6	5	–	–	10	10	2500	0	2
Mildenhall ...	1019·1	+8	N	2	c	46	85	8	5	–	–	10	10	1500	0	*
Cranwell ...	1019·5	+10	NW'N	2	z.	45	85	6	5	2	–	9	10	800	1	*
Birmingham ...	1019·7	+10	ENE	2	0	45	85	6	5	–	–	10	10	1500	1	*
Upper Heyford	1019·8	+10	NNE	1	z.	43	85	6	5	–	–	10	10	800	1	*
Ross-on-Wye	1018·9	+6	E	2	z.	48	92	5	5	–	–	4-6	4-6	800	1	*
Portland Bill ...	1018·0	+8	NE	3	c	50	92	8	4	–	–	10	10	2500	0	3
Plymouth ...	1018·2	+4	–	0	c	50	92	8	5	–	–	10	10	5700	1	0
The Lizard ...	1017·7	+4	NNE	2	c	50	92	7	5	2	–	9	10	1500	0	1
Scilly (St. Mary's)	1018·1	+2	ENE	2	c	51	97	6	5	–	–	10	10	2500	0	1
Guernsey ..	1017·3	+6	ENE	1	0	51	92	6	5	–	–	10	10	1500	1	1
Pembroke ...	1018·3	+4	E'N	1	z.	47	97	6	5	–	–	Tr	Tr	4000	0	1
Holyhead ...	1018·5	+2	–	0	b	51	85	6	5	–	–	1	1	5700	0	0
Chester (Sealand)	1019·0	+6	SE	3	F	43	97	1	–	–	–	0	0	–	0	*
Manchester ...	1019·4	+8	SE	1	m	44	92	4	–	–	1	0	1	–	1	*
Spurn Head ...	1018·9	+6	N	4	0	45	85	7	5	–	–	10	10	1500	0	3
Catterick ...	1019·8	+6	NW	12	z.	45	85	6	5	–	–	10	10	2500	1	*
Tynemouth ...	1019·8	+6	N	2	0	46	85	8	5	–	–	10	10	1500	1	1
Inchkeith ...	1019·9	+4	NE	2	c	45	97	8	5	–	–	9+	9+	2500	0	1
Leuchars ...	1019·2	+2	–	0	c	47	85	7	5	–	–	10	10	2500	1	*
Renfrew (Abbotsl.)	1018·9	+2	E'N	2	z.	47	85	6	5	–	–	7-8	7-8	1500	0	*
Eskdalemuir ...	1018·8	+2	NNE	2	c	46	85	7	5	–	1	7-8	9	800	0	*
Point of Ayre...	1018·4	0	W'N	1	ojf	49	97	7	7	–	–	7-8	7-8	4000	0	0
Tiree	1018·2	0	NW	1	b	50	92	8	–	5	–	0	Tr	–	0	1
Stornoway ...	1018·1	–2	–	0	c	49	85	8	5	7	–	4-6	10	2500	0	0
Dalwhinnie ...	1019·6	0	NNE	1	c	46	45	7	5	–	–	10	10	2500	0	*
Aberdeen ...	1019·4	+2	–	0	c	45	75	8	5	–	–	10	10	2500	0	0
Wick ...	1019·4	–4	SE	1	bc	46	85	8	5	–	–	2-3	2-3	2500	0	1
Lerwick ...	1019·8	0	NNE	2	c	46	75	8	5	–	–	10	10	1500	0	*
Blacksod Point	1017·7	–4	–	0	b	54	75	7	–	–	–	0	0	–	0	2
Malin Head ...	1018·4	–2	SE	1	c	50	85	7	8	–	–	9+	9+	1500	0	0
Aldergrove ...	1018·9	+2	–	0	f	46	97	2	–	–	–	10	10	5150	1	*
Birr Castle ...	1018·4	+2	SE ~~ENE~~	1	b	47	97	7	–	–	–	0	0	–	0	*
Valentia Obsy. †	1017·9	–2	–	0	b	49	85	8	5	3	–	1	1	5700	0	1
Roches Point	1018·4	0	N	1	b	50	92	6	–	–	–	0	0	–	0	1

PAST 24 HOURS.

Stations	Temperature Max. Day 7h–18h °F. (31)	Temperature Min. Night 18h–7h °F (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 15th Hrs. (36)
London (Kew)	53	45	45	–	Tr	0·0
Croydon ...	53	45	44	–	Tr	0·0
S. Farnborough	53	44	44	–	Tr	0·0
Boscombe Down	53	45	39	–	–	0·2
Calshot (Sthmtn.)	56	48	48	–	–	0·2
Lympne ...	49	44	44	0·4	Tr	0·0
Manston ...	50	46	45	6	–	0·7
Shoeburyness ...	54	45	45	2	–	0·0
Felixstowe ...	54	46	45	0·6	–	0·1
Gorleston ...	52	45	45	–	Tr	0·2
Mildenhall ...	52	45	46	–	–	0·0
Cranwell ...	53	43	38	Tr	–	0·1
Birmingham ...	53	45		–	–	
Upper Heyford	52	42	42	–	–	*
Ross-on-Wye	54	43	37	–	–	0·0
Portland Bill ...	58	49	*	–	–	*
Plymouth ...	62	49	40	–	–	8·3
The Lizard ...	63	47	*	–	–	*
Scilly (St. Mary's)	58	47	*	–	Tr	12·7
Guernsey ..	55	50	47	Tr	–	0·3
Pembroke ...	63	45	*	–	–	9·2
Holyhead ...	57	46	36 ~~46~~	–	–	13·9
Chester (Sealand)	55	37	33	–	–	2·8
Manchester ...	55	37	32	–	–	1·3
Spurn Head ...	52	45	*	Tr	–	0·2
Catterick ...	52	44	42	–	–	1·6
Tynemouth ...	48	44	41	–	–	1·6
Inchkeith ...	56	43	34	–	–	8·4
Leuchars ...	(55) 54	44	37	–	–	8·0
Renfrew (Abbotsl.)	65	41	34	–	–	10·6
Eskdalemuir ...	60	42	41	–	–	3·8
Point of Ayre...	57	45	*	–	–	9·6
Tiree	(55)	44	37	–	Tr	8·6
Stornoway ...	57	48	*	Tr	–	2·2
Dalwhinnie ...	59	41	36	–	–	6·3
Aberdeen ...	53	40	35	–	–	5·7
Wick ...	51	41	*	–	–	*
Lerwick ...	48	40	*	–	–	0·0
Blacksod Point	59	44	*	–	–	*
Malin Head ...	55	48	*	–	–	11·8
Aldergrove ...	63	40	36	–	–	12·2
Birr Castle ...	66	41	32	–	–	11·9
Valentia Obsy. †	65	43	37	–	Tr	13·8
Roches Point	59	46	*	–	Tr	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon (24 hrs. ended 9h.)	Weather Night (24 hrs. ended 9h.)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity 15h. G.M.T % (Yesterday.)	Humidity 9h. G.M.T % (To-day.)	Visibility 9h. (To-day.)
Kew	18	cm.	cm.	cm.d.m.	53	45	45	–	Tr	0·0	*	*	
Croydon	217	cid.l.c	cz.	cz.cd.d.	53	45	44	–	Tr	0·0	*	..	6
Greenwich (Royal Observatory)	149	c	c	cd.c	53	48 ~~44~~	42	–	Tr	0·0	75	79	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park)	27	*	*	*	53	46	45	—		0·0	75	79	*
Regents Pk. (Botanic Gardens)‡	165	*	*	*	54	45	44	–	–	0·0	79	85	*
Camden Square	110	c	c	*	53	46	46	–	–	*	*	83	*
Kensington	80	co	coc	*	52	46	43	–	–	0·0	81 18h.	85	*
Hampstead Observatory	450	o	od	o	57	42	35	–	0·1	0·0	*	91	*

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	19-21h 15th	–	2-5h 16th

Kew Observatory Max.	Time.	Min.	Time.
0·1	21h 15th	0·1	0-7h 16th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 15th May Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 16th May Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1011·7	W	3	c/pr	63	1016·3	N	2	z.	52	66	52	2	4
Brussels	1011·0	SSW	2	c/tlr	57	1016·5	N	1	m	48	63	48	7	3
Berlin						1015·6	SSW	3	bc	63		54		Tr
Zurich	1016·8	WNW	1	c	63	1018·4	SE	1	bc	55	73	50	Tr	–
Rome	1019·1	WNW	2	bc	66	1020·3	SE	1	z.	63	*	*	*	–

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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. 17th May, 1937.

No. 27570.

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

Diagram	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1016·6	−12	NNE	2	Z_o	51	75	6	5	–	–	10	10	2500
	Croydon ...	1018·8	−6	ENE	2	Z_o	51	75	5	5	–	–	10	10	1500
	S. Farnborough	1018·4	−8	NE	1	c	53	65	6	5	–	–	9+	9+	2500
	Boscombe Down	1018·2	−14	ESE	2	c	54	75	7	7	–	–	7·8	7·8	1500
	Calshot (Sthmtn.)	1018·7	−6	NE'N	1	Z_o	51	75	6	5	–	–	10	10	1500
	Lympne ...	1019·0	+2	N	2	c	49	85	7	5	–	–	10	10	1500
	Manston ...	1018·7	+2	NE'N	3	c	49	75	6	5	2	–	7·8	10	800
2	Shoeburyness ...	1016·7	0	NNE	2	c	51	75	8	5	–	–	10	10	2500
	Felixstowe ...	1018·4	−4	N	2	c	49	75	7	5	–	–	10	10	1500
	Gorleston ...	1018·2	0	N	3	c	48	85	7	5	–	–	10	10	2500
	Mildenhall ...	1018·7	−6	NNW	2	c	49	85	8	5	2	–	9	10	1500
	Cranwell ...	1018·8	−6	NNW	1	Z_o	51	75	6	5	–	–	9+	9+	2500
3	Birmingham ...	1017·7	−12	S	2	c	55	65	5	5	–	–	9	9	1500
	Upper Roydon	1018·4	−14	–	0	Z_o	54	75	6	7	–	–	7·8	7·8	1500
4	Ross-on-Wye	1017·6	−10	E	3	Z_o	58	75	6	1	–	–	Tr	Tr	2500
5	Portland Bill ...	1017·7	−2	ENE	3	c	52	92	7	5	–	–	10	10	2500
	Plymouth ...	1017·6	−2	ESE	2	c	56	65	8	5	–	–	9+	9+	4000
	The Lizard ...	1017·4	0	ENE	4	c	55	85	7	4	3	–	7·8	9+	2500
	Scilly (St. Mary's)	1017·8	−2	E	3	c	58	75	7	5	–	–	9+	9+	2500
	Guernsey ...	1017·1	−6	ENE	3	o	53	85	6	5	–	–	10	10	2500
6	Pembroke ...	1016·8	−8	SSW	2	Z_o	56	75	6	7	–	–	2·3	2·3	4000
7	Holyhead ...	1017·6	−4	NNW	2	b	55	85	6	5	–	–	Tr	Tr	5700
	Chester (Sealand)	1017·3	−10	NW	3	bc	63	45	7	2	3	–	4·6	4·6	2500
8	Manchester ...	1017·2	−14	SW'S	2	Z_o	61	65	6	7	–	–	4·6	4·6	4000
10	Spurn Head ...	1018·3	0	W'N	2	c	51	75	7	5	2	–	7·8	10	2500
	Catterick ...	1018·0	−14	–	0	Z_o	53	65	6	5	–	–	9+	9+	1500
	Tynemouth ...	1018·5	−8	NE	2	c	49	75	8	5	–	–	9+	9+	1500
11	Inchkeith ...	1018·0	−16	NE	2	bc	51	86	8	5	9	–	2·3	4·6	2500
	Leuchars ...	1017·8	−14	E	2	bc	53	65	7	5	–	–	4·6	4·6	2500
12	Renfrew (Abbots.)	1016·7	−14	NNE	1	bc	61	65	7	1	–	–	2·3	2·3	2500
	Eskdalemuir ...	1016·3	−14	SSE	2	bc	57	65	7	7	–	–	4·6	4·6	2500
	Point of Ayre ...	1017·7	−4	NW	2	m/f	54	92	4	2	–	–	1	1	4000
13a	Tiree ...	1017·4	−6	WNW	2	bc	55	65	7	8	7	5	4·6	4·6	2500
13b	Stornoway ...	1017·1	−8	S	3	c	53	75	8	5	7	2	4·6	7·8	4000
15	Dalwhinnie ...	*	−8	SW	1	c	59	55	8	5	–	–	10	10	2500
	Aberdeen ...	1018·2	−6	ESE	3	b	51	65	8	1	–	2	Tr	1	2500
	Wick ...	1018·1	−6	SE	3	bc	50	75	8	7	7	4	2·3	4·6	2500
16	Lerwick ...	1019·3	−4	S	3	c	47	75	8	5	2	–	9	10	1500
17	Blacksod Point	1016·1	−10	W	2	bc	60	65	8	2	–	–	2·3	2·3	4000
18	Malin Head ...	1017·4	−4	NE	2	jf	50	92	6	8	7	–	4·6	4·6	1500
	Aldergrove ...	1016·8	−14	WSW	1	b	63	55	7	3	–	–	1	1	4000
19	Birr Castle ...	1016·3	−2	SE	1	c	68	45	8	1	–	–	7·8	7·8	4000
20	Valentia Obsy. †	1017·2	−8	WNW	3	bc	60	65	8	7	3	1	2·3	4·6	2500
	Roches Point	1017·8	−4	ESE	3	b	58	85	6	1	–	–	1	1	4000

OBSERVATIONS at 18h. G.M.T. 16 May

Diagram	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)	1017·3	−10	NNE	2	Z_o	51	75	5	–	–	–	0	0	–	1	*
	Croydon ...	1017·2	−12	ENE	2	Z_o	52	75	6	5	–	–	9	9	5700	1	*
	S. Farnborough	1017·1	−10	E'N	1	Z_o	53	75	5	5	–	–	2·3	2·3	4000	1	*
	Boscombe Down	1016·5	−12	SE	2	bc	56	65	7	1	–	–	2·3	2·3	2500	0	*
	Calshot (Sthmtn.)	1017·0	−14	ESE	2	Z_o	52	75	6	–	–	–	0	0	–	0	1
	Lympne ...	1017·9	−8	NE'N	3	c	48	85	7	5	–	–	10	10	1500	1	2
	Manston ...	1017·8	−6	NNE	3	c	48	75	7	5	–	–	9+	9+	1500	1	
2	Shoeburyness ...	1017·8	−8	–	0	c	49	85	8	5	–	–	10	10	2500	1	*
	Felixstowe ...	1017·8	−8	–	0	Z_o	48	85	6	5	–	–	10	10	1500	1	1
	Gorleston ...	1017·9	−4	N	2	c	48	85	6	5	–	–	10	10	2500	0	2
	Mildenhall ...	1017·4	−10	NE	1	c	50	75	7	5	–	–	9+	9+	2500	0	*
	Cranwell ...	1017·3	−6	SE	2	bc	52	85	7	1	6	–	Tr	2·3	4000	1	*
3	Birmingham ...	1016·1	−8	S	2	bc	58	65	6	1	–	–	2·3	2·3	2500	1	*
	Upper Roydon	1017·0	−8	E	1	Z_o	53	75	6	–	–	–	0	0	–	1	*
4	Ross-on-Wye	1015·8	−10	NE	3	b	61	55	7	2	–	–	1	1	4000	0	*
5	Portland Bill ...	1015·8	−12	ENE	3	b	50	92	8	–	–	–	0	0	–	0	3
	Plymouth ...	1015·3	−10	ESE	3	b	55	65	7	5	–	–	Tr	Tr	4000	1	1
	The Lizard ...	1016·0	−10	ENE	3	c	53	85	7	7	8	–	4·6	7·8	2500	0	1
	Scilly (St. Mary's)	1016·2	−6	E'N	2	c	54	85	7	8	–	–	7·8	7·8	2500	0	1
	Guernsey ...	1015·9	−8	ENE	4	c	51	85	7	8	–	–	10	10	2500	1	2
6	Pembroke ...	1016·1	−8	NW	1	c	55	65	7	5	6	–	7·8	9	4000	0	1
7	Holyhead ...	1016·0	−8	NE'E	1	b	53	85	6	–	–	–	0	0	–	0	1
	Chester (Sealand)	1016·2	−6	NW	1	c	58	65	7	4	3	–	4·6	7·8	5700	0	*
8	Manchester ...	1015·9	−6	E	1	Z_o	58	75	5	7	–	–	4·6	4·6	4000	0	
10	Spurn Head ...	1017·6	−6	SE'E	2	c	48	85	7	5	7	–	4·6	7·8	800	0	1
	Catterick ...	1016·2	−6	NE'E	1	Z_o	53	75	6	5	3	–	7·8	9	1500	1	*
	Tynemouth ...	1017·2	−6	E	1	bc	47	85	8	2	6	–	2·3	4·6	1500	0	1
11	Inchkeith ...	1016·6	−8	NE	2	c	50	85	8	5	–	–	7·8	7·8	2500	0	1
	Leuchars ...	1016·6	−2	E	3	c	49	75	8	5	3	–	7·8	9+	2500	0	*
12	Renfrew (Abbots.)	1014·6	−10	NW	1	c	64	55	9	7	3	1	4·6	7·8	4000	0	*
	Eskdalemuir ...	1015·4	−6	SSW	2	c	54	85	6	5	–	–	9+	9+	1500	1	
	Point of Ayre ...	1015·9	−8	NW'W	3	b	58	85	8	–	4	–	0	1	–	0	1
13a	Tiree ...	1015·7	−10	N'W	1	bc	51	85	8	–	–	9	0	4·6	–	0	1
13b	Stornoway ...	1016·1	−4	E	3	c	53	75	8	5	5	–	4·6	7·8	4000	0	1
15	Dalwhinnie ...	1014·9	−4	SW	1	c	57	65	8	5	–	–	10	10	2500	0	
	Aberdeen ...	1016·7	−10	SE	2	bc	48	75	7	–	–	6	0	4·6	–	0	1
	Wick ...	1016·7	−6	ESE	3	c	47	85	8	5	1	–	7·8	9+	1500	0	2
16	Lerwick ...	1018·3	−10	S	2	c	46	85	8	5	2	–	7·8	10	1500	0	
17	Blacksod Point	1015·4	−8	W	2	bc	56	85	7	2	3	–	1	2·3	4000	0	2
18	Malin Head ...	1015·9	−8	NE	2	b	50	85	6	1	–	–	1	1	2500	0	9
	Aldergrove ...	1015·2	−4	S	2	c	60	75	7	8	–	–	9+	9+	4000	1	*
19	Birr Castle ...	1014·5	−8	W	2	c	65	55	7	7	–	–	7·8	7·8	4000	0	*
20	Valentia Obsy. †	1016·2	−6	W	2	c	57	85	8	5	–	–	9+	9+	5700	0	1
	Roches Point	1016·4	−6	S	2	bc	57	92	6	5	–	–	4·6	4·6	2500	0	1

PAST 24 HOURS.

Diagram	Stations.	Weather. 7h.—12h. 16th (37)	Weather. 12h.—18h. 16th (38)	Weather. 18h. 16th to 1h. 17th (39)	Weather. 1h.—7h. 17th (40)
1	London (Kew)	cd.cm.	cbcbz.	bz.w	cm.
	Croydon ...	d.dcmz.	cz.	s.bmom.	ocm.
	S. Farnborough	id.mcm.	cz.bcz.	bz.cm.	cmbfcm.
	Boscombe Down	cm.c	cb	b ff	bff off
	Calshot (Sthmtn.)	cm.	cm.bm.	bcwm.	bcwcm.
	Lympne ...	m.d.cr.	c	cm.om.	om.o
	Manston ...	cir.cm.	cm.c	o	c
2	Shoeburyness ...	c	c	c	c
	Felixstowe ...	c	cm.	cm.	cm.bcz.
	Gorleston ...	c	c	c	cbcb z.
	Mildenhall ...	cid.c	c	cbc	bcb w
	Cranwell ...	cm.z.	cz.bcb	bccm.	cm.wbcb
3	Birmingham ...	cbcc	cbc	bcb	bm
	Upper Roydon	ocm.z.	cbcbz.	bz.m.m	bmfmw
4	Ross-on-Wye	cmbcz	bz.by	bzbm.	bfw
5	Portland Bill ...	c	cb	b	bcc
	Plymouth ...	c	cb	b	bbccwm
	The Lizard ...	c	cbcc	cbcw	bcc
	Scilly (St. Mary's)	c	cbcc	cbc	bccbc
	Guernsey ...	o	oc	cbcbw	brbcc
6	Pembroke ...	bz.	bz.c	b	cbcz.
7	Holyhead ...	bm.	bm.	bm.w	bm.w
	Chester (Sealand)	bwfbcz.	bcy	bcbwm.	bwffem
8	Manchester ...	bm.bcz.	bcz.zz.	bcz.bmfe	bffe
10	Spurn Head ...	oc	c	c	c
	Catterick ...	m.6cm.	czbcz.	z.pr.om.	om.
	Tynemouth ...	oc	cbc	bc	bcoff
11	Inchkeith ...	cbc	bcc	c	c
	Leuchars ...	cbc	bcc	c	cr.m.bc
12	Renfrew (Abbots.)	bcczb	bcy	bcybm.	bcmfgw
	Eskdalemuir ...	cbc	bccr	cm.	cf
	Point of Ayre ...	cbcbf	fbbc	bccbc	cbc
13a	Tiree ...	b.cbc	bc	bcw	bcw
13b	Stornoway ...	c	c	c	cfe
15	Dalwhinnie ...	c	c	*	irc
	Aberdeen ...	cb	fbc	cbcz.	cbcz.
	Wick ...	bc	bcc	c	c
16	Lerwick ...	c	c	c	c
17	Blacksod Point	bc	bc	bc	bc
18	Malin Head ...	bcjf	cbcjfbc	bc	bcz.
	Aldergrove ...	afby	bycypcc	c	cirm.
19	Birr Castle ...	bcy	cy	cbcb c	c
20	Valentia Obsy. †	bbcybc	bbc	~~bwbcc~~	~~cbcb~~ bwbcc
	Roches Point	bz.	bbcz.	bcz.	bzffe

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.*

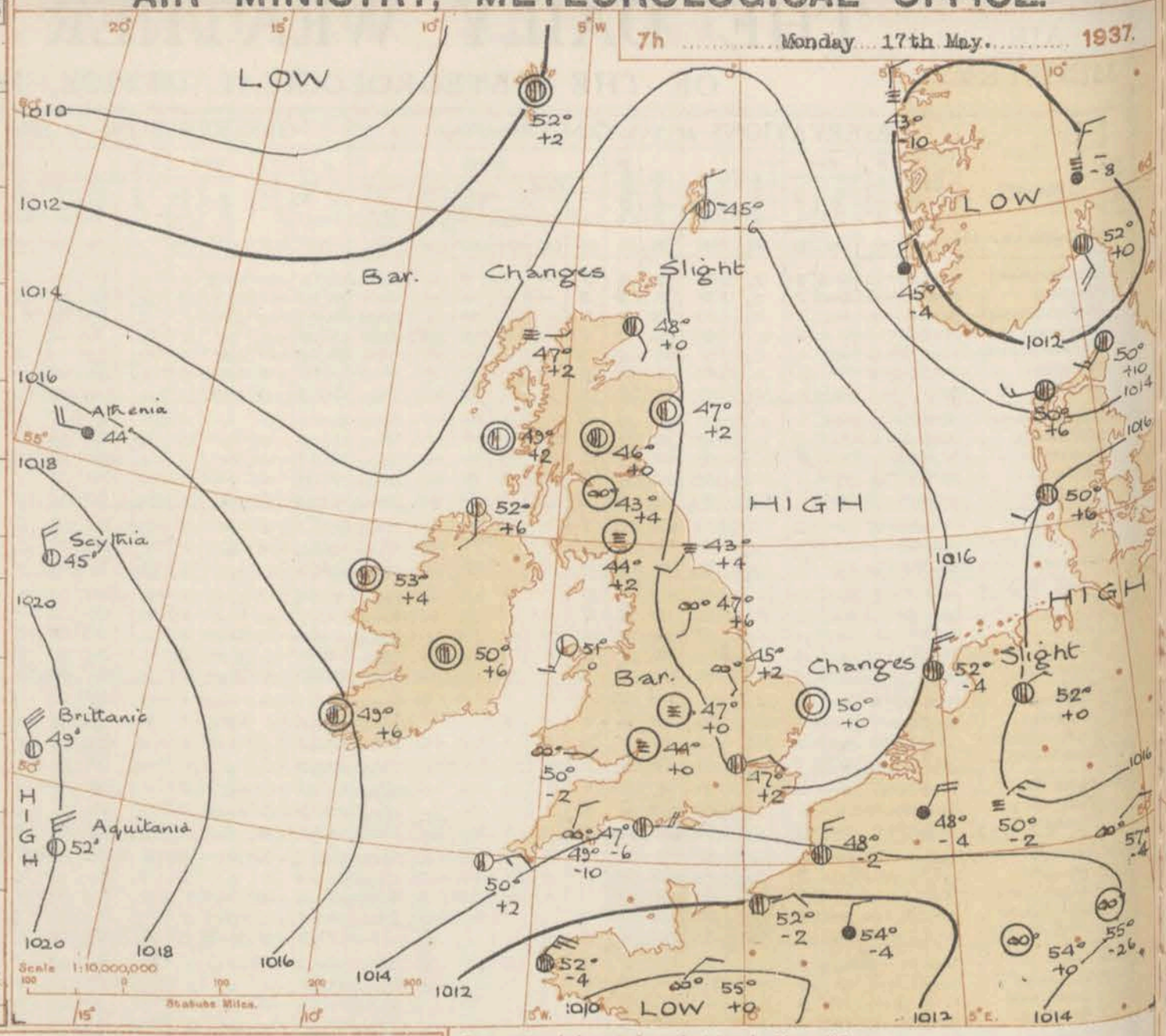
† Sea disturbance reported from Dunsenoes.

REPORTS from HEALTH RESORTS for Sunday, 16th May, 1937.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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	co	44	54	–	–	0·1	0·0
	Bournemouth	o	cbc	46	55	–	–	0·8	3·5
	Ventnor ...	ovc	cobc	48	54	–	–	0·6	5·2
	Southsea ...	c	c	48	55	–	–	0·3	0·8
	Bognor Regis	c	coc	47	53	–	–	0·0	0·5
	Littlehampton	c	c	47	52	–	–	0·0	1·1
	Worthing ...	c	c	46	52	–	–	0·7	0·7
	Brighton ...	c	cbc	46	53	–	–	0·1	0·5
	Eastbourne† ...	o	o	47	52	0·1	–	0·0	0·0
	Hastings† ...	o	oco	46	53	–	–	0·1	0·4
	Folkestone ...	odo	o	46	51	Trace	Trace	0·0	0·0
	Dover ...	o	oc	47	51	–	–	0·0	0·0
	Deal	o	oco	48	54	–	–	0·2	0·0
	Ramsgate ...	c	cbc	47	51	–	–	0·9	0·0
	Margate ...	c	c	47	51	–	–	0·1	0·5
2	Southend ...	o	o	45	52	–	–	0·0	0·0
	Maldon ...	o	o	46	50	–	–	0·0	0·0
	Clacton-on-Sea	c	cm	46	49	–	–	0·0	0·0
	Dovercourt ...	oc	oc	46	50	–	–	0·0	0·0
	Lowestoft ...	cpc	c	44	49	Trace	Trace	0·0	1·1
	Skegness ...	o	c	45	50	–	–	0·0	0·7
	Mablethorpe...	om	ocbc	45	50	–	–	0·5	3·3
	Cleethorpes ...	cbc	bc	45	52	–	–	1·9	0·0
3	Leamington S.	ocbc	bcb	45	58	–	–	4·8	0·0
4	Cheltenham†	oc	bcb	41	62	–	–	5·7	0·0
5	Bath	cbc	bbc	42	62	–	–	6·6	0·0
	Weymouth ...	mc	c	48	54	–	–	0·4	5·9
	Jersey ...	oc	cbc	50	57	Trace	–	1·4	0·0
	Torquay ...	ocbz	cbcb	51	55	–	–	3·7	7·4
	Penzance ...	c	cbcc	47	58	–	–	2·8	10·4
	St. Ives ...	c	c	48	58	–	–	0·9	10·9
	Bude... ...	cbc	bc	41	59	–	–	3·9	10·6
	Ilfracombe ...	oco	b	47	58	–	–	7·7	9·9
6	Aberystwyth	zbc	bcc	45	61	–	–	9·7	6·7
7	Llandudno ...	b	bcc	45	61	–	–	6·6	9·4
	Colwyn Bay...	bcb	bcc	42	58	–	–	7·1	9·0
	Rhyl	zb	bbc	40	60	–	–	7·7	6·9
8	Wallasey ...	bcb	bbc	45	61	–	–	9·7	6·1
	Southport ...	b	bbcb	42	63	–	–	8·5	9·3
	Blackpool ...	cmbc	bcb	41	60	–	–	9·3	10·8
	Morecambe ...	bczbc	cbbc	42	61	–	–	8·0	8·9
9	Ilkley... ...	c	c	41	60	–	–	1·7	0·0
	Harrogate ...	co	cbcor	43	56	–	0·6	1·7	2·0
10	Berwick-on-T.	oc	bcc	44	48	–	–	4·7	10·1
11	Dunbar ...	cm	cm	42	50	–	–	*	7·0
12	Troon... ...	wbcb	bbcb	42	61	–	–	10·2	13·5
	Douglas ...	bcz	bz	43	61	–	–	9·9	11·4

† 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. 17th May, 1937.
1 S.E. England	Light east or northeast winds becoming cloudy with occasional rain, perhaps of a thundery type; average temperature.
2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England 6 South Wales ...	Light east or northeast winds; bright periods but becoming cloudy later; local morning mist; rather warm inland.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	Light variable winds; bright periods; local morning mist; rather warm inland.
10 N.E. England 11 S.E. Scotland	Light variable or northeast winds; cloudy at times, particularly near the coast; local morning mist; rather warm inland.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B. N.W. Scotland.	Light variable winds; bright periods and scattered showers; average temperature.
14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Light variable winds; mainly fair; average temperature.
17 N. W. Ireland 18 N. E. Ireland	As 12 - 13B.
19 S. E. Ireland 20 S. W. Ireland	Light variable or northerly winds; bright periods; rather warm.

GENERAL INFERENCE.

An anticyclone lies to the west of the British Isles and a depression over the Bay of Biscay is almost stationary. It will be fair in most districts but in the south there will be some rain which may take the form of thundery showers. It will be rather warm inland.

FURTHER OUTLOOK.

Mainly fair in most districts, but rather cloudy easterly winds in the South.

Forecasts issued at 0930 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.

Page 4.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 17th May, 1937.
No. 27570.

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

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	1016·8	-6	E'N	2	z.	47	85	5	5	-	-	10	10	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1017·0	-12	NE	3	o	43	85	6	5	-	-	10	10	1500
	Manston	142	1016·7	-12	NE	1	o	46	85	7	5	-	-	10	10	1500
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1017·1	-6	-	0	c	47	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	1016·0	-4	ENE	3	b	47	92	7	-	-	-	0	0	-
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1015·7	-6	NE	2	bc	46	92	7	4	-	-	4-6	4-6	2500
	Scilly (St Mary's)	163	1015·5	-6	NEE	2	bc	48	92	7	5	-	-	2-3	2-3	2500
	Guernsey	175	1014·5	-10	ENE	3	b	49	92	8	-	-	-	0	0	-
6	Pembroke	142	1015·5	-2	NE	2	b	48	92	7	5	-	-	Tr	Tr	4000
7	Holyhead	26	1015·4	-6	S	2	b	48	92	6	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1016·0	-6	S	3	c	46	85	7	5	7	-	4-6	9	2500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	101	1016·3	-4	-	0	bc	45	85	6	2	-	-	2-3	2-3	1500
11	Inchkeith	190	1015·8	0	NNE	3	c	46	92	5	5	2	-	4-6	9+	7200
	Leuchars	33	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	1015·7	0	SE	1	bc	48	97	8	-	4	2	0	2-3	-
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13b	Stornoway	30	1015·0	-4	NW	1	c	47	92	7	5	7	-	4-6	7-8	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	77	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	31	1015·7	-10	SE	1	c	45	97	8	5	1	-	7-8	9	1500
16	Lerwick	156	1017·7	-4	E	1	c	45	85	8	8	2	-	9	10	1500
17	Blacksod Point	18	1015·3	-8	-	0	b	47	92	7	-	-	-	0	0	-
18	Malin Head	83	1014·6	-2	WSW	1	bc	50	65	7	5	-	1	4-6	4-6	2500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.*	30	1015·9	0	SEs	2	bc	50	97	8	-	4	-	0	2-3	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
London (Kew)	1016·3	+2	ENE	3	z.	48	75	6	5	-	-	9	9	1500	1	*
Croydon	1016·4	+2	ENE	2	c	47	85	6	5	-	-	10	10	1500	1	*
S. Farnborough	1016·0	+2	NEE	3	z.	46	85	6	5	-	-	7-8	7-8	1500	1	*
Boscombe Down	1016·0	+2	ENE	2	F	41	97	1	-	-	-	10	10	<150	0	*
Calshot (Sthmtn.)	1015·9	0	ENE	3	z.	46	85	6	5	-	-	10	10	1500	1	2
Lympne	1016·2	-2	NE	3	o	46	85	7	5	-	-	10	10	1500	1	§2
Manston	1016·3	0	NE	3	c	47	85	7	5	-	-	10	10	1500	01	*
Shoeburyness	1016·9	0	NNE	3	c	48	85	8	5	-	-	10	10	2500	1	*
Felixstowe	1016·7	-2	NEE	2	z.	50	75	6	5	-	-	2-3	2-3	1500	0	1
Gorleston	1017·0	0	-	0	b	50	75	6	-	-	-	0	0	-	0	
Mildenhall	1016·9	0	SSE	1	z.	44	92	6	-	-	-	0	0	-	1	*
Cranwell	1016·5	+2	SSE	1	z.	45	97	6	1	-	-	Tr	Tr	4000	1	*
Birmingham	1015·8	0	-	0	m	47	85	4	-	-	-	0	0	-	1	*
Upper Heyford	1017·0	+2	E'S	2	z.	44	92	5	-	-	-	0	0	-	1	*
Ross-on-Wye	1016·0	0	-	0	f	44	97	3	-	-	-	0	0	-	0	*
Portland Bill	1014·6	-6	E	4	c	47	92	7	4	-	-	10	10	2500	0	3
Plymouth	1013·8	-10	NNE	2	z.	49	85	6	5	-	-	10	10	1500	1	1
The Lizard	1013·9	0	NE	4	c	49	85	7	6	2	-	9	10	1500	0	1
Scilly (St Mary's)	1014·7	+2	ENE	3	bc	50	85	7	-	-	2	0	2-3	-	0	2
Guernsey	1013·9	+2	ENE	4	o	50	92	6	5	-	-	10	10	1500	1	3
Pembroke	1015·0	-2	E	1	z.	50	85	6	5	-	-	2-3	2-3	4000	0	1
Holyhead	1015·1	0	SWS	3	b	51	92	6	-	-	1	0	Tr	-	0	1
Chester (Sealand)	1015·8	+2	ESE	1	m	44	97	4	-	-	-	0	0	-	0	*
Manchester	1016·4	+4	SE	1	f	43	97	2	-	-	-	0	0	-	1	
Spurn Head	1016·4	0	SW	2	c	49	85	6	-	1	-	0	7-8	-	0	2
Catterick	1016·1	+6	SW	1	z.	47	92	5	5	-	-	10	10	450	1	*
Tynemouth	1016·4	+4	SW	2	f	43	92	3	5	-	-	7-8	7-8	800	0	1
Inchkeith	1015·9	0	NE	1	c	47	92	7	5	-	1	4-6	7-8	2500	0	1
Leuchars	1015·2	-2	W	1	bc	47	92	7	5	-	4	Tr	4-6	2500	1	*
Renfrew (Abbotsl.)	1015·4	+4	-	0	z.	43	97	6	-	3	2	0	7-8	-	0	*
Eskdalemuir	1015·6	+2	-	0	f	44	97	2	-	-	-	10	10	<150	0	*
Point of Ayre	1015·0	0	SE	1	bc	52	97	8	-	4	-	0	2-3	-	0	0
Tiree	1014·8	+2	-	0	bc	49	97	6	8	-	9	2-3	4-6	4000	0	1
Stornoway	1014·7	+2	E	1	f+	47	97	3	5	7	-	4-6	7-8	2500	0	0
Dalwhinnie		0	-	0	c	46	92	7	-	-	7	0	9+	-	0	*
Aberdeen	1014·8	+2	-	0	bc	47	85	6	5	3	1	Tr	2-3	4000	0	1
Wick	1014·6	0	SE	1	c	48	92	8	5	7	8	4-6	7-8	2500	0	1
Lerwick	1016·0	-6	N	2	c	45	85	8	8	7	-	7-8	9	1500	0	*
Blacksod Point	1015·7	+4	-	0	bc	53	85	7	2	-	-	2-3	2-3	2500	0	2
Malin Head	1015·2	+6	S	2	c	52	92	6	5	7	-	4-6	4-6	2500	0	1
Aldergrove	1015·1	+6	-	0	z.	53	92	6	5	3	-	4-6	7-8	800	1	*
Birr Castle	1015·6	+6	-	0	c	50	97	7	5	-	-	9+	9+	4000	0	*
Valentia Obsy.*	1016·2	+6	-	0	c	49	92	7	5	-	-	9+	9+	4000	0	1
Roches Point	1015·9	+4	NW	2	F	49	97	1	5	-	-	10	10	<150	0	1

PAST 24 HOURS.

Stations	Temperature Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall Day 7h-18h mm. (34)	Rainfall Night 18h-7h mm. (35)	Sunshine 16th Hrs. (36)
London (Kew)	52	45	36	Tr	-	0·1
Croydon	55	45	40	Tr	-	0·5
S. Farnborough	56	34	29	Tr	-	0·4
Boscombe Down	57	36	33	-	-	6·4
Calshot (Sthmtn.)	53	45	43	-	-	1·5
Lympne	50	43	42	Tr	-	0·0
Manston	51	45	45	Tr	-	0·2
Shoeburyness	52	44	42	-	-	0·0
Felixstowe	49	46	45	-	-	0·0
Gorleston	49	41	40	-	-	0·0
Mildenhall	50	37	33	Tr	Tr	0·0
Cranwell	55	40	33	-	-	2·7
Birmingham	60	42	31	-	-	6·3
Upper Heyford	56	38	33	-	-	*
Ross-on-Wye	62	40	36	-	-	8·6
Portland Bill	53	46		-	-	
Plymouth	57	43	35	-	-	5·1
The Lizard	56	44		-	-	*
Scilly (St Mary's)	59	45	*	-	-	3·2
Guernsey	55	49	45	-	-	0·1
Pembroke	57	46	*	-	-	7·4
Holyhead	58	47	40	-	Tr	13·2
Chester (Sealand)	64	37	33	-	-	8·0
Manchester	63	37	33	-	Tr	3·7
Spurn Head	52	45	*	-	-	·8
Catterick	57	46	43	Tr	Tr	2·2
Tynemouth	50	41	39	-	-	4·6
Inchkeith	54	44	39	-	-	4·7
Leuchars	55	43	36	-	0·1	4·3
Renfrew (Abbotsl.)	66	37	33	-	-	5·8
Eskdalemuir	57	40	38	1	-	2·8
Point of Ayre	61	44	*	-	-	12·2
Tiree	56	42	33	-	-	9·5
Stornoway	55	44		-	-	4·6
Dalwhinnie	61	40	33	-	1	1·9
Aberdeen	<150	43	39	-	-	8·6
Wick	51	44	*	-	-	*
Lerwick	48	44	*	-	-	0·0
Blacksod Point	61	43	*	-	-	*
Malin Head	52	(50)	*	-	-	6·4
Aldergrove	66	50	49	Tr	1	7·3
Birr Castle	68	48	41	-	-	8·0
Valentia Obsy.*	62	45	39	-	Tr	10·0
Roches Point	60	48	*	-	0·1	*

LONDON OBSERVATIONS

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

Station	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	cd.cm.	cbcb z.	bz.wcm	52	45	36	Tr	-	0·1	·	·	6
Croydon	217	d.d.cm.z.	cz.	c.b.ocm	55	45	40	Tr	-	0·5	·	·	6
Greenwich (Royal Observatory)	159	c	cbcc	c	54	45	35	-	-	0·7	72	74	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·6	*	*	*
Westminster (St James' Park)	27	*	*	*	54	47	42	-		0·2	70	75	*
Regent's Pk. (Botanic Gardens)	168	*	*	*	54	46	42	-	-	0·2	70	70	*
Camden Square	110	c	c	*	54	46	39	-	-	*		72	*
Kensington	80	c	cbc	*	52	46	37	-	-	0·0	At 18h 72	74	*
Hampstead Observatory	449	c	bc	bc	51	43	27	-	-	0·2	*	82	*

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

	Max.	Time.	Min.	Time.
South Kensington	0·3	20h 16th	<0·3	3-7h 17th
Kew Observatory	0·3	21h 16th	<0·1	4-6h 17th

FOREIGN OBSERVATIONS

Stations	18h G.M.T. 16th May Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h G.M.T. 17th May Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1014·9	NNE	2	c	59	1011·9	NNE	2	r.r.	54	61	50	-	5
Brussels	1016·3	NNE	2	c	52	1015·0	NE	4	ir	48	54	46	Tr	0·1
Berlin	1014·9	NNW	1	e/dr	63						73		2	
Zurich						1015·0	SE	1	c	53		50	*	-
Cork	1017·6	NNE	4	c	65	1019·3	SE	2	bc	63	*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

Objects not visible at
0 Dense fog 55 yards.
1 Thick fog 220 ,,
2 Fog 550 ,,
3 Moderate fog 1,100 ,,
4 Mist or haze 1½ miles.
5 Poor visibility 2½ ,,
6 Moderate ,, 6¼ ,,
7 Good ,, 12½ ,,
8 Very good ,, 31 ,,
9 Excellent ,, beyond 31m.

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

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 disturbances reported from Dungeness.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday. 18th May, 1937.
No. 27571.

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1015·4	-6	E'N	3	zo	58	65	6	-	-	-	0	0	-
	Croydon ...	1015·4	-8	NNE	3	b	58	75	7	1	-	-	Tr	Tr	5700
	S. Farnborough	1015·3	-4	ENE	3	zo	61	55	6	-	-	1	0	Tr	-
	Boscombe Down	1014·7	-10	ENE	3	bc	60	65	7	1	-	2	2-3	4-6	4000
	Calshot (Sthmtn.)	1015·0	-10	SE'E	2	bc	57	75	7	1	5	1	Tr	4-6	4000
	Lympne ...	1015·6	-6	NE'N	5	bc	54	85	8	1	-	-	2-3	2-3	1500
	Manston ...	1016·2	0	NE'N	4	c	51	75	8	1	7	-	4-6	7-8	2500
2	Shoeburyness ...	1016·7	-4	NE	3	bc	54	75	8	1	-	-	4-6	4-6	2500
	Felixstowe ...	1016·7	-2	NE	3	b	55	65	8	1	-	-	1	1	2500
	Gorleston ...	1017·3	0	NNE	2	bc	51	75	7	1	-	-	2-3	2-3	~~2500~~ 4000 (red)
	Mildenhall ...	1016·3	-4	ESE	2	c	59	65	7	7	-	-	7-8	7-8	2500
	Cranwell ...	1016·0	0	E'N	2	bc	61	65	7	8	-	-	4-6	4-6	1500
3	Birmingham ...	1015·5	-2	ENE	2	bc	61	55	7	1	-	-	4-6	4-6	4000
	Upper Heyford	1015·8	-4	E'S	2	zo	60	65	6	1	-	-	4-6	4-6	2500
4	Ross-on-Wye	1014·3	-4	E	3	zo	62	55	6	1	-	-	1	1	4000
5	Portland Bill ...	1013·3	-6	ESE	4	bc	51	92	8	4	-	1	2-3	4-6	2500
	Plymouth ...	1014·3	-2	E	3	zo	58	65	6	5	-	-	1	1	2500
	The Lizard ...	1014·6	+4	NE	3	bc	56	75	7	7	-	-	4-6	4-6	2500
	Scilly (St. Mary's)	1015·1	0	NE'N	2	c	55	85	7	2 5 (red)	2 (red)	-	7-8	7-8	2500
	Guernsey ...	1013·4 (red)	-4 (red)	ENE (red)	5 (red)	σ (red)	52 (red)	85 (red)	7 (red)	5 (red)	-	-	10 (red)	10 (red)	2500 (red)
6	Pembroke ...	1015·1	0	NW	1	zo	56	75	6	5	-	-	1	1	4000
7	Holyhead ...	1015·8	+4 (2 in red)	NW'N	2	b	57	75	6	2	-	-	Tr	Tr	4000
	Chester (Sealand)	1015·3	-4	N	1	bc	66	55	7	2	-	-	4-6	4-6	2500
8	Manchester ...	1015·4	-4	W	1	zo	62	65	6	5	-	-	9	9	4000
10	Spurn Head ...	1016·2	0	SE	4	bc	53	85	7	-	1	-	0	2-3	-
	Catterick ...	1015·1	-6	SE	1	bc	65	55	7	2	3	-	1	2-3	2500
	Tynemouth ...	1015·5	0	SE	2	f	51	85	3	2	-	-	7-8	7-8	1500
11	Inchkeith ...	1014·9	-2	NE	1	bc	63	65	8	8	-	4	2-3	4-6	2500
	Leuchars ...	1014·3	-8	SW	1	bc	66	35	8	2	-	2	1	4-6	2500
12	Renfrew (Abbots I.)	1014·6	-2	SW'W	2	bc/tlro	64	55	8	2	3 (red)	3	4-6	4-6	4000
	Eskdalemuir ...	1014·0	-4	WSW	3	t	64	55	8	3	-	-	4-6	4-6	2600
	Point of Ayre ...	1016·0	0	NW	1	bc	59	85	7	-	8	-	0	2-3	-
13A	Tiree ...	1015·9	+4	WNW	2	bc	57	66	7	7	6	-	4-6	4-6	4000
13B	Stornoway ...	1014·3	-4	S	3	r	51	92	7	5	7	-	4-6	10	2500
15	Dalwhinnie ...	1015·3	0	W	4	c	61	92	8	-	5	1	0	7-8	-
	Aberdeen ...	1015·1	0	SE	2	bc	59	65	6	8	-	2	4-6	4-6	2500
	Wick ...	1015·4	+2	ESE	3	c	51	85	8	8	1	3	2-3	7-8	1500
16	Lerwick ...	1014·7	-6	WSW	3	c	50	65	8	5	7	-	7-8	9	1500
17	Blacksod Point	1017·5	+8	NW	3	c	58	75	7	2	-	3	2-3	7-8	1500
18	Malin Head ...	1016·7	+6	WNW	3	bc	57	75	7	2	-	-	2-3	2-3	2500
	Aldergrove ...	1015·6	+2	WNW	1	bc	63	65	7	2	6	-	2-3	2-3	2500
19	Birr Castle ...	1015·9	0	NW	1	c	62	55	7	7	-	-	9	9	4000
20	Valentia Obsy. †	1016·8	0	NW'N	4	c	57	75	8	5	-	-	9+	9+	5700
	Roches Point	1016·3	+2	SSW	3	c	57	85	6	2	-	5	4-6	7-8	2500

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

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 0–6 (30)
London (Kew)	1015·2	0	ENE	2	zo	58	65	6	5	-	-	9+	9+	2500	1	*
Croydon	1015·1	-2	ENE	3	b	55	75	6	-	-	1	0	1	-	1	*
S. Farnborough	1014·6	+2	ENE	3	zo	58	65	6	-	-	1	0	Tr	-	1	*
Boscombe Down	1013·9	0	NE'E	3	zo	61	65	6	1	-	1	1	2-3	4000	0	*
Calshot (Sthmtn.)	1014·3	0	ESE	3	zo	54	85	6	-	5	6	0	2-3	-	0	§ 3
Lympne	1015·2	-2	NNE	5	bc	50	75	8	7	-	-	2-3	2-3	2500	1	4
Manston	1015·4	-4	NE'N	4	bc	49	75	8	5	-	-	4-6	4-6	1500	1	*
Shoeburyness	1016·0	-2	ENE	4	b	50	75	8	1	-	1	Tr	Tr	4000	1	*
Felixstowe	1016·2	-4	NE'N	3	b	51	75	8	-	-	-	0	0	-	1	2
Gorleston	1016·6	-2	NNE	3	b	51	85	7	-	-	-	0	0	-	0	1
Mildenhall	1015·6	-2	ENE	3	b	59	55	8	1	-	-	1	1	4000	0	*
Cranwell	1015·8	-2	E'S	2	b	58	75	7	1	-	-	Tr	Tr	4000	0	*
Birmingham	1015·0	0	ESE	2	bc	61	55	6	8	-	-	4-6	4-6	4000	0	*
Upper Heyford	1015·4	+2	E'N	2	zo	59	65	6	1	-	6	Tr	7-8	4000	1	*
Ross-on-Wye	1014·4	-4	E'N	2	b	63	55	7	5	-	9	1	1	2500	0	*
Portland Bill	1013·7	+2	E	1	bc	54	92	8	4	-	1	2-3	4-6	2500	0	2
Plymouth	1013·8	+4	W	3	zo	56	85	6	1	5	1	Tr	1	4000	1	1
The Lizard	1013·8	+2	NE'E	2	bc	52	85	7	7	-	-	2-3	2-3	4000	0	1
Scilly (St. Mary's)	1014·5	-4	NE'N	3	b	55	85	6	-	-	-	0	0	-	0	1
Guernsey	1012·7	-6	ENE	4	c	52	92	7	5	3	-	4-6	9+	2500	1	3
Pembroke	1014·2	-4	N'E	3	c/zo	58	65	7	5	6	-	4-6	7-8	4000	0	1
Holyhead	1015·7	0	NW'N	1	b	54	85	6	-	3	-	0	Tr	-	0	1
Chester (Sealand)	1015·3	+4	W'N	3	b	59	75	7	5	-	-	1	1	4000	0	*
Manchester	1015·3	+4	NE	1	f	57	85	3	5	-	-	9+	9+	4000	1	*
Spurn Head	1016·5	+2	SE	4	bc	50	85	7	-	1	-	0	2-3	-	0	3
Catterick	1015·7	+4	-	0	c	56	75	7	8	7	-	2-3	9+	2500	1	*
Tynemouth	1015·7	+6	SE	1	c	50	92	5	5	-	-	7-8	7-8	1500	0	1
Inchkeith	1014·7	-4	NW	2	c	60	75	7	8	-	-	7-8	7-8	2500		
Leuchars	1014·9	+8	E	3	zo	58	75	6	8	-	-	9	9	2500	1	*
Renfrew (Abbots I.)	1015·5	+10	W	3	b	62	55	8	1	-	-	1	1	4000	0	*
Eskdalemuir	1014·8	+4	WNW	3	bc	61	55	8	8	3	-	2-3	4-6	2500	0	*
Point of Ayre	1016·3	0	NW	2	b	58	85	8	-	-	-	0	0	-	0	1
Tiree	1017·3	+12	NW'N	3	bc	52	85	8	4	4	6	2-3	2-3	1500	0	2
Stornoway	1015·6	+2	NW	4	c	53	85	7	8	7	9	4-6	9+	2500	1	2
Dalwhinnie	1015·7	+2	W	1	b	58	56	8	-	5	-	0	1	-	0	*
Aberdeen	1015·9	+2	SE'E	2	zo	62	75	6	5	3	-	1	2-3	6700	0	1
Wick	1015·1	0	SSE	3	c	49	92	8	5	7	-	4-6	7-8	2500	0	1
Lerwick	1015·3	+6	SW	3	c	50	65	8	5	7	-	4-6	7-8	1500	-	*
Blacksod Point	1018·7	+10	N	4	c	54	75	8	3	-	-	7-8	7-8	1500	0	3
Malin Head	1018·1	+8	NW'N	2	bc	62	85	8	7	-	-	4-6	4-6	2500	0	1
Aldergrove	1017·0	+8	N	2	bc	59	65	7	2	4	-	1	2-3	2500	1	*
Birr Castle	1015·9	0	NW	1	c	62	65	7	7	-	-	9	9	4000	0	*
Valentia Obsy. †	1017·9	+6	NE'N	2	c	55	75	8	5	-	-	10	10	2500	1	2
Roches Point	1015·7	-2	S'W	1	b	60	75	8	1	-	-	1	1	4000	0	1

PAST 24 HOURS. WEATHER.

Stations	7h.—13h. 17th (37)	13h.—18h. 17th (38)	18h. 17th to 1h. 18th (39)	1h.—7h. 18th (40)
London (Kew)	cbcb	bbcezo	cbcbzo	cmo
Croydon	cmozob	bbc	bzomobcmo	bcmowo
S. Farnborough	cmobzoy	bzoy	bzow	bwxb,c
Boscombe Down	offbcmo	bczo	bczobm	bmob
Calshot (Sthmtn.)	cmobmo	bcb	bzo	bzob
Lympne	cbc	bc	bcbwmo	bwcmodo
Manston	cbc	bccbc	b	c
Shoeburyness	cbc	bcb	b	bwbcc
Felixstowe	bc	b	b	b,cmo
Gorleston	bbc	bcb	bbcq	cq
Mildenhall	bcbc	bcby	by	bw,c
Cranwell	bbc	bcb	b	bwfcmo
Birmingham	bbcz	bcz	bcb	bm
Upper Heyford	bmobcz	bczo	bcb	bcbw
Ross-on-Wye	bfbmbz	byzo	bzo	bmow
Portland Bill	cbc	bc	b	bbc
Plymouth	cbzo	bybzo	bmow	bmow
The Lizard	cbczo	bczo	bcbw	bbczo
Scilly (St. Mary's)	bcc	cbcb	bbcbw	bw
Guernsey	σ (red)	oc	cbc	bc
Pembroke	bczob	bzobcc (bcc in red)	cbc	bcb
Holyhead	mob	mob	bmow	bw
Chester (Sealand)	~~bc~~ bmzobcy (red)	bcby	bmow	bmowfmo
Manchester	bffcbzczo	ccrRf	cfm	cmoffe (F in red)
Spurn Head	cbc	bc	bcbw	bbc (F in red)
Catterick	mobzoby	tlroroc	cwmfe	femfe
Tynemouth	cff	cffc	bcm	bcm
Inchkeith	cbc	bccpr	czo	zobc
Leuchars	bc	bccpro	czoF	FFe
Renfrew (Abbots I.)	bctlro	bcyby	ybw	bbcwb
Eskdalemuir	fbbcty	ctbcy	bcyb	b
Point of Ayre	bc	bcb	bw	bcbw
Tiree	cbc	bc	bc	bcbw
Stornoway	fccro	cror	c	cbc
Dalwhinnie	bc	bc	*	bc
Aberdeen	bbczo	zocb	bccpro	cmoff
Wick	c	c	c	c
Lerwick	c	c	c	c
Blacksod Point	bc	bc	bc	bc
Malin Head	bczob	bcc	cbc	bc
Aldergrove	cmocbc	bccb		bwbcw
Birr Castle	cy	c·	cpr	cprc
Valentia Obsy. †	cbcc	prroc	c	c
Roches Point	FFeczo	bczob	bbcw	bcwb

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 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.*

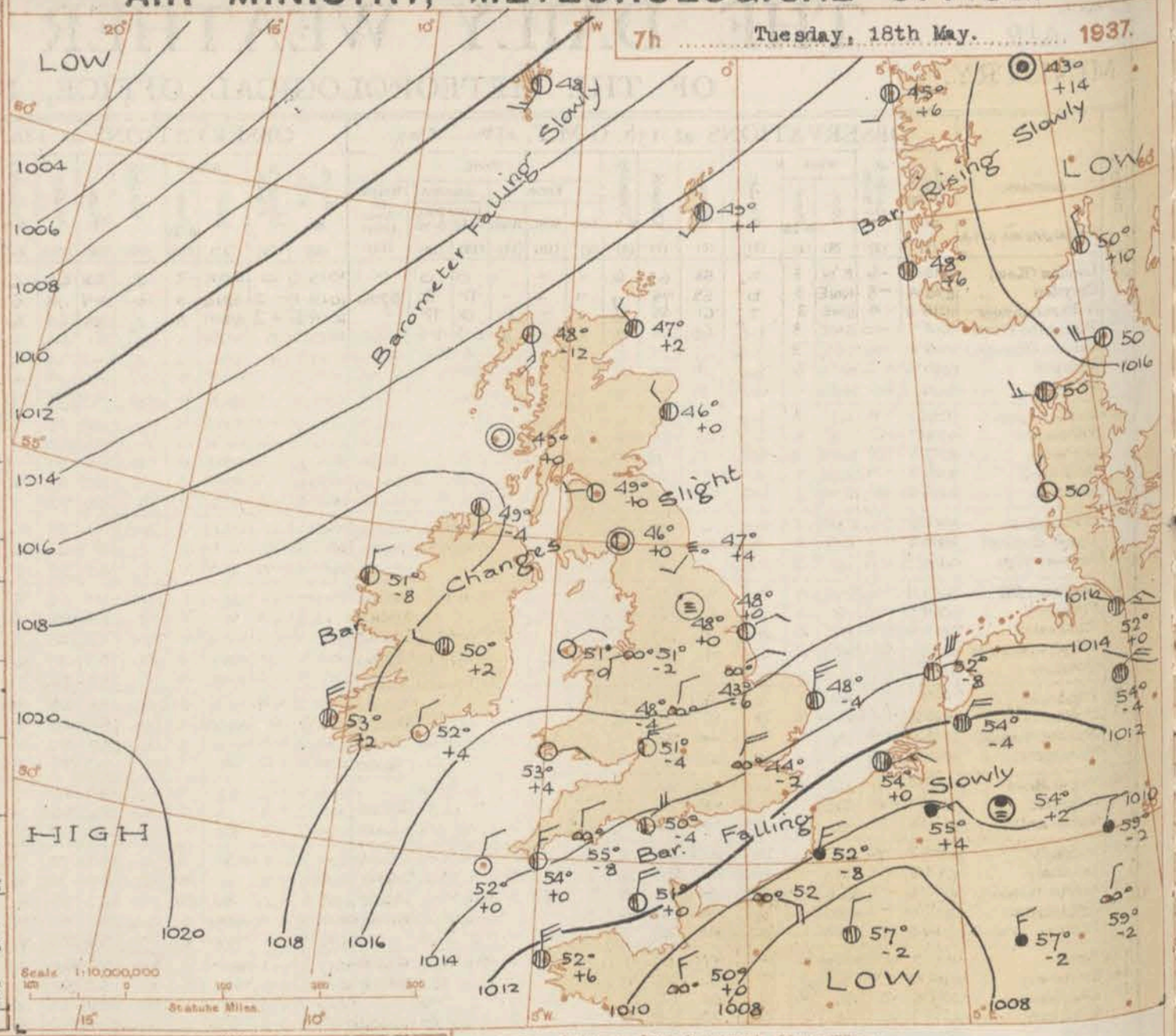
† Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 17th May 1937.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	dcbc	bcb	44	59	-	-	7·4	0·1
	Bournemouth	bcbb	b	42	60	-	-	7·2	2·4
	Ventnor ...	cb	b	46	57	-	-	5·9	2·0
	Southsea ...	cb	b	44	61	-	-	7·8	1·4
	Bognor Regis	cbcbc	b	43	57	-	-	7·1	0·0
	Littlehampton	cbc	bc	43	59	-	-	7·1	0·0
	Worthing ...	cbcb	b	43	60	-	-	7·1	0·8
	Brighton ...	cb	b	44	63	-	-	6·8	0·1
	Eastbourne† ...	ocb	b	42	55	-	-	6·8	0·0
	Hastings† ...	cbcb	b	43	58	-	-	6·5	0·1
	Folkestone ...	ocbcb	b	45	65	-	-	6·6	0·0
	Dover ...	ocbc	bc	47	56	-	-	6·6	0·0
	Deal	obc	b	46	55	-	-	5·9	0·2
	Ramsgate ...	bcb	b	46	53	-	-	6·9	0·9
	Margate ...	cbc	bc	46	52	-	-	6·5	0·1
2	Southend ..	cbcb	b	46	55	-	-	7·9	0·0
	Maldon ...	b	b	42	56	-	-	10·2	0·0
	Clacton-on-Sea	bc	bcb	46	53	-	-	9·8	0·0
	Dovercourt ...	bc	b	46	54	-	-	11·0	0·0
	Lowestoft ...	b	b	46	53	-	-	11·8	0·0
	Skegness ...	czbcz	bczb	44	53	-	-	5·2	0·1
	Mablethorpe...	ocbcb	b	42	55	-	-	6·9	1·3
	Cleethorpes ...	bcmo	bbc	43	60	-	-	8·3	2·3
3	Leamington S.	bc	bc	41	58	-	-	11·9	6·2
4	Cheltenham†	mzb	bbc	41	67	-	-	10·2	7·5
5	Bath	b	b	39	66	-	-	9·5	8·9
	Weymouth ...	mc	b	43	57	-	-	6·9	2·2
	Jersey ...	cbc	c	50	57	-	-	1·3	1·6
	Torquay ...	womb	bzo	42	56	-	-	6·2	5·3
	Penzance ...	bbcb	b	46	61	-	-	9·6	2·8
	St. Ives ...	b	b	46	57	-	-	9·5	•
	Bude... ...	b	b	37	65	-	-	11·0	5·3
	Ilfracombe ...	cbcz	b	44	59	-	-	10·8	9·0
6	Aberystwyth	zbc	bcc	44	60	-	-	8·7	10·4
7	Llandudno ...	b	bzo	44	63	-	-	11·4	8·0
	Colwyn Bay...	b	b	42	61	-	-	11·5	8·1
	Rhyl								
8	Wallasey ...	mc	b	45	63	-	-	10·7	11·7
	Southport ...	bc	bcb	42	66	-	-	11·0	11·8
	Blackpool ...	bzb	b	41	62	-	-	11·3	11·4
	Morecambe ...	b	b	43	65	-	-	11·6	10·5
9	Ilkley... ...	bcbcc	c	42	67	0·4	-	6·3	1·7
	Harrogate ...	bcb	bbcc	45	64	2	-	4·8	1·7
10	Berwick-on-T.	bczo	bzobc	41	58	1	-	9·4	6·5
11	Dunbar ...	bcmo	bmo	44	61	1	-	10·3	•
12	Troon... ...	cbccb	cbcbb	42	61	-	-	7·8	12·9
	Douglas ...	cbrcz	bcz	45	62	-	Trace	5·4	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. 18th May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Moderate northeast winds, fresh in places, falling light later; bright periods; average temperature.
4 W. Midlands ... 5 S.W. England 6 South Wales ...	Light variable winds, becoming southwest later; bright periods; rather warm.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	Light variable winds, becoming southwest later; bright periods at first becoming cloudy later; rather warm.
10 N.E. England 11 S.E. Scotland	Light variable winds, becoming southwest later; bright periods; 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 17 N. W. Ireland 18 N. E. Ireland	Freshening southwest or west winds; becoming cloudy with periods of rain later; average temperature, but temperature tending to fall later.
19 S. E. Ireland	As 7 - 9.
20 S. W. Ireland	As 12 - 18.

GENERAL INFERENCE

A ridge of high pressure extends east and west across the British Isles and a depression west of Iceland will move east. It will be mainly fair at first in all districts but rain will spread from the West across Ireland and Scotland with a fall in temperature.

FURTHER OUTLOOK.

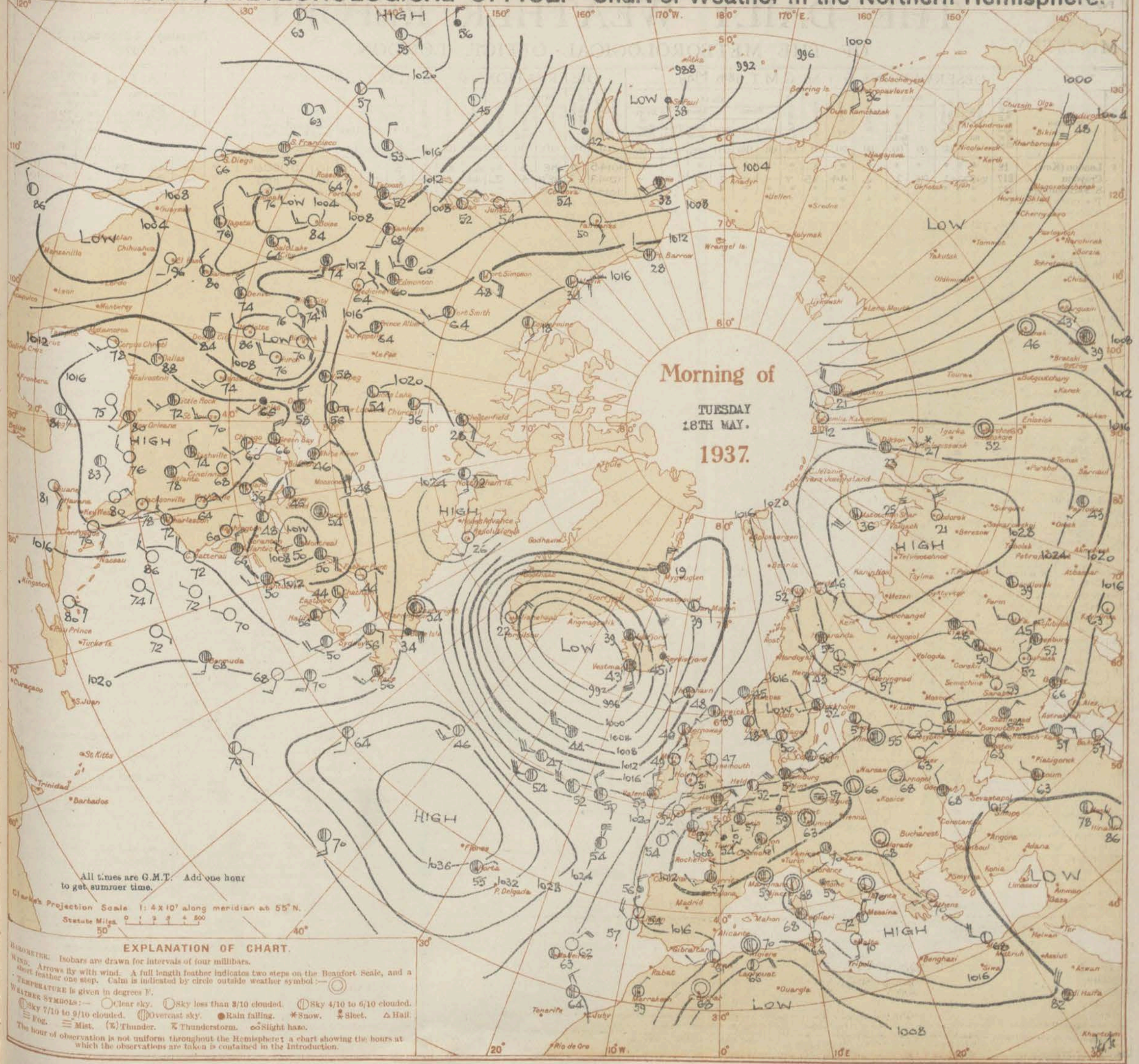
Mainly fair in the Southeast and Northwest, but rainly periods probably in Northern England and East Scotland.

Forecasts issued at 0930 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.



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 18th May, 1937.

No. 27571.

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

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	-2	NE	2	c	44	85	7	-	-	2	0	7-8	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1013·9	-10	NE	4	b	45	92	6	-	-	1	0	Tr	-
	Manston ...	142	1014·0	-10	NE	5	b	48	85	7	5	-	-	1	1	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1016·6	0	NEN	4	bc	46	85	7	5	-	-	4-6	4-6	4000
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1013·8	+2	WNW	3	b	50	92	7	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1014·1	0	NNE	2	b	49	97	7	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1014·9	-2	NNE	3	b	51	97	6	5	-	-	1	1	4000
	Guernsey ..	175	1012·8	0	ENE	5	bc	50	85	7	1	3	-	2-3	4-6	2500
6	Pembroke ...	142	1014·0	-2	NE	3	bc	53	85	7	5	-	-	4-6	4-6	4000
7	Holyhead ...	26	1016·7	0	NW	3	b	50	85	7	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1017·3	0	SE'S	3	b	46	92	7	-	-	-	0	0	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1016·3	+4	-	0	m	48	92	4	5	-	-	4-6	4-6	800
11	Inchkeith ...	190	1016·0	+4	SW	2	z_0	49	92	6	5	-	-	4-6	4-6	1500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1017·4	+4	N'W	2	b	49	97	8	-	-	-	0	0	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1017·1	0	WNW	2	bc	46	85	8	5	7	-	4-6	7-8	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1016·7	0	-	0	c	43	92	8	8	7	-	4-6	7-8	1500
16	Lerwick ...	156	1016·0	+2	SW	3	c	47	92	8	8	7	-	4-6	7-8	1500
17	Blacksod Point	18	1019·2	0	NE	2	bc	50	75	8	2	-	-	2-3	2-3	2500
18	Malin Head ...	84	1019·1	0	NW	1	bc	46	75	8	7	-	1	2-3	2-3	4000
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1018·6	0	NNW	4	b	51	97	7	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1014·5	0	NE	3	z_0	45	85	6	5	-	-	10	10	1500	1	*
	Croydon ...	1014·3	-2	NE'N	4	z_0	44	92	6	5	-	-	10	10	800	1	*
	S. Farnborough	1014·6	0	NNE	4	z_0	42	92	6	5	-	-	10	10	1500	1	*
	Boscombe Down	1014·5	-2	NE	3	b	47	85	7	-	-	0	0	Tr	-	0	*
	Calshot (Sthmtn.)	1013·5	-8	NNW	4	bc	48	85	8	-	5	6	0	2-3	-	0	§2
	Lympne ...	1012·3	-2	N'E	5	c/d	48	85	6	5	2	-	7-8	9+	450	1	§4
	Manston ...	1012·6	-2	NNE	5	c	49	85	7	5	-	-	10	10	800	1	*
2	Shoeburyness ...	1014·1	-2	N	3	c	48	85	7	9	7	-	7-8	9+	1500	1	*
	Felixstowe ...	1014·5	-6	NNE	4	z_0	49	85	6	5	3	-	7-8	9	2500	1	3
	Gorleston ...	1015·2	-4	N'E	5	c	48	92	7	5	-	3	4-6	7-8	2500	0	3
	Mildenhall ...	1015·7	-4	NE	4	c	47	85	8	5	-	-	9+	9+	1500	1	*
	Cranwell ...	1016·6	-6	NEE	2	z_0	43	97	6	5	-	-	9	9	450	0	*
3	Birmingham ...	1016·0	-4	NNE	2	z_0	48	75	5	-	-	-	0	0	-	D	*
	Upper Heyford	1015·9	-6	NE	3	c	44	85	6	5	-	-	7-8	7-8	800	1	*
4	Ross-on-Wye	1015·7	-4	N'E	3	b	51	75	6	-	-	9	0	Tr	-	0	*
5	Portland Bill ...	1013·0	-4	NE	4	bc	50	85	8	4	-	-	2-3	2-3	2500	0	3
	Plymouth ...	1013·7	-8	N	2	z_0	55	85	6	-	-	1	0	1	-	0	1
	The Lizard ...	1014·0	0	NNE	3	bc	54	85	7	7	-	-	2-3	2-3	4000	0	1
	Scilly (St. Mary's)	1014·8	0	NNE	2	b	52	97	6	-	-	-	0	0	-	0	1
	Guernsey ..	1012·6	0	NE'N	4	bc	51	85	6	1	-	1	2-3	4-6	2500	0	3
6	Pembroke ...	1015·0	+4	ENE	2	b	53	75	7	5	-	-	Tr	Tr	4000	0	1
7	Holyhead ...	1016·6	0	NE	2	b	51	85	8	-	-	-	0	0	-	0	1
	Chester (Sealand)	1016·3	-2	WSW	2	z_0	51	92	5	5	-	-	10	10	800	0	*
8	Manchester ...	1016·5	+4	S'E	1	f-	47	97	1	-	-	-	10	10	<150	1	*
10	Spurn Head ...	1016·8	0	NE'E	2	bc	48	92	7	-	1	-	0	2-3	-	0	1
	Catterick ...	1016·9	0	-	0	f-	48	97	3	-	-	-	10	10	<150	1	*
	Tynemouth ...	1016·4	+4	SW	2	m	47	85	4	5	-	-	2-3	2-3	800	0	1
11	Inchkeith ...	1017·1	+10	SW	2	bc	45	97	6	5	-	-	4-6	4-6	1500	0	1
	Leuchars ...	1016·7	+6	-	0	f	45	97	1	-	-	-	10	10	<150	1	*
12	Renfrew (Abbots I.)	1016·9	0	W'S	1	b	49	85	9	5	-	1	Tr	1	2500	0	*
	Eskdalemuir ...	1016·6	0	-	0	b	46	75	7	-	-	4	0	Tr	-	0	*
	Point of Ayre ...	1017·0	-2	NNW	2	b	50	97	8	2	-	-	1	1	4000	1	1
13A	Tiree	1017·2	0	-	0	b	49	65	9	5	-	8	Tr	Tr	4000	0	1
13B	Stornoway ...	1016·4	-12	SSE	3	bc	48	75	8	5	7	-	2-3	4-6	2500	1	1
15	Dalwhinnie ...	1017·6	0	SSW	1	c	45	85	7	5	-	-	9+	9+	2500	0	*
	Aberdeen ...	1016·4	0	NW	1	o/f	46	97	5	5	-	-	10	10	<150	0	1
	Wick ...	1016·6	+2	NW	1	c	47	97	7	5	1	-	4-6	9	1500	0	1
16	Lerwick ...	1016·5	+4	SW	1	c	49	85	8	8	7	-	4-6	9	800	1	*
17	Blacksod Point	1018·0	-8	N	2	bc	51	75	8	3	-	-	4-6	4-6	2500	0	2
18	Malin Head ...	1018·2	-4	S	1	bc	49	75	8	7	-	1	2-3	2-3	4000	0	2
	Aldergrove ...	1018·2	-2	NW	1	bc	47	85	7	-	3	-	0	4-6	-	1	*
19	Birr Castle ...	1017·3	+2	W'N	1	c	50	97	8	5	-	-	9+	9+	4000	1	*
20	Valentia Obsy. †	1018·4	+2	N'W	4	c	53	85	8	5	-	-	9+	9+	1500	1	3
	Roches Point	1017·4	+4	N	2	b	52	85	8	-	-	-	0	0	-	0	1

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 17th Hrs. (36)
1	London (Kew)	61	42	38	-	-	10·7
	Croydon ...	60	41	38	-	-	10·1
	S. Farnborough	64	40	29	-	-	10·4
	Boscombe Down	63	39	34	-	-	8·2
	Calshot (Sthmtn.)	59	45	41	-	-	9·8
	Lympne ...	54	44	39	-	Tr	9·0
	Manston ...	53	47	45	-	-	9·1
2	Shoeburyness ...	65	42	35	-	-	10·3
	Felixstowe ...	55	43	40	-	-	13·4
	Gorleston ...	62	45	44	-	-	14·3
	Mildenhall ...	60	39	35	-	Tr	10·7
	Cranwell ...	62	37	29	-	-	12·2
3	Birmingham ...	65	45	33	-	-	8·6
	Upper Heyford	62	39	33	-	-	*
4	Ross-on-Wye	65	43	39	-	-	11·2
5	Portland Bill ...	54	46	*	-	-	*
	Plymouth ...	61	46	35	-	-	9·0
	The Lizard ...	56	46	*	-	-	*
	Scilly (St. Mary's)	57	50	*	-	-	11·3
	Guernsey ..	53	48	45	-	-	0·0
6	Pembroke ...	61	48	*	-	-	7·9
7	Holyhead ...	60	48	41	-	Tr	13·3
	Chester (Sealand)	67	40	41	-	-	12·5
8	Manchester ...	65	39	37	2	Tr	5·6
10	Spurn Head ...	53	45	*	-	Tr	11·0
	Catterick ...	66	41	39	0·4	Tr	~~6·3~~ 6·2
	Tynemouth ...	52	45	40	-	-	6·3
11	Inchkeith ...	66	45	41	0·4	-	9·8
	Leuchars ...	68	41	34	Tr	Tr	9·5
12	Renfrew (Abbots I.)	67	41	33	Tr	-	11·8
	Eskdalemuir ...	65	35	28	-	-	8·0
	Point of Ayre ...	60	46	*	-	-	12·5
13A	Tiree	58	40	31	-	-	12·2
13B	Stornoway ...	55	43	*	3	-	4·1
15	Dalwhinnie ...	63	30	22	-	-	7·9
	Aberdeen ...	59	45	43	-	Tr	9·5
	Wick ...	52	39	*	-	-	*
16	Lerwick ...	53	43	*	-	0·2	5·1
17	Blacksod Point	58	43	*	-	-	*
18	Malin Head ...	58	45	*	-	-	11·5
	Aldergrove ...	64	38	31	-	-	8·7
19	Birr Castle ...	65	46	38	-	3	2·8
20	Valentia Obsy. †	60	45	39	1	-	3·6
	Roches Point	62	49	*	Tr	Tr	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon.	Weather Night.	Temperature Day Max. °F.	Temperature Night Min. °F.	Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity 15h. G.M.T. % (Yesterday.)	Humidity 9h. G.M.T. % (To-day.)	Visibility 9h.
KEW	18	cbcb	bbecz₀	cbczem	61	42	38	-	-	10·7	*	*	6
CROYDON	217	em₀z₀b	bbc	bz₀bem	60	41	38	-	-	10·1	*	*	5
GREENWICH (Royal Observatory)	149	cb	b	bwc	60	41	35	-	Tr	9·0	64	73	6
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	8·4	*	*	*
WESTMINSTER (St. James' Park)	27	*	*	*	61	42	39	-	-	8·2	58	74	*
REGENT'S PK. (Botanic Gardens)‡	168	*	*	*	61	41	39	-	-	9·6	65	77	*
CAMDEN SQUARE	110	cbc	bbcc	*	63	42	38	-	-	*	*	75	*
KENSINGTON	80	bc	bc	*	62	42	38	-	-	9·1	At 18h. 68	77	*
HAMPSTEAD OBSERVATORY	480	bc	b	odc	58	38	28	-	0·1	9·8	*	83	*

FOREIGN OBSERVATIONS

Stations	18h. G.M.T. 17th May Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F	7h. G.M.T. 18th May 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	1010·5	NNW	2	0	59	1007·0	NNE	2	c	57	59	54	2	7
BRUSSELS	1009·8	NNE	4	ir₀	57	1009·9	ENE	3	rr	55	57	54	3	5
BERLIN	1014·3	N	1	bc	68	1013·6	NNE	1	c	67	73	57	-	-
ZURICH						1008·0	NNE	2	bc	59		54		-
ROME	1018·3	NE'E	2	bc	64						*		-	

Atmospheric Pollution.

Milligrams of Solid Imparity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·3	18-20h 17th	<0·3	4-6h 18th

Kew Observatory. Max.	Time.	Min.	Time.
0·2	20h 17th	<0·1	6h 18th

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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, 19th May, 1937.
No. 27572.

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

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)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
1	London (Kew)	1012.7	-14	NE'N	4	z0	56	75	6	5	-	-	10	10	1500
	Croydon	1012.7	-10	NNE	4	dd0	53	85	5	6	2	-	4-6	10	800
	S. Farnborough	1012.8	-12	NE'E	4	e0	59	65	7	5	-	-	9+	9+	2500
	Boscombe Down	1012.8	-10	NE'N	4	bc	59	55	7	1	-	4	Tr	2-3	2500
	Calshot (Sthmtn.)	1012.3	-14	N	3	z0	61	65	6	7	3	8	2-3	7-8	2500
	Lympne	1011.6	-4	N'E	5	ir0	49	92	5	5	-	-	10	10	220
	Manston	1011.0	-8	NE'N	4	r0r0	50	97	5	6	-	-	10	10	220
2	Shoeburyness	1012.5	-10	N'E	3	ir0	52	85	7	6	2	-	4-6	10	1500
	Felixstowe	1012.7	-12	N'E	5	r0r0	52	89	7	5	2	-	9	10	1500
	Gorleston	1013.9	-10	N'E	5	ir0	50	85	6	6	-	-	10	10	1500
	Mildenhall	1014.1	-10	NE'N	4	c	54	75	8	5	-	-	10	10	2500
	Cranwell	1015.9	-10	NE'E	2	bc	55	75	8	7	-	-	4-6	4-6	1500
3	Birmingham	1014.1	-12	ENE	3	b	61	55	8	1	-	-	1	1	4000
4	Upper Heyford	1014.5	-10	NE	3	bc	57	65	7	7	-	4	4-6	4-6	2500
	Ross-on-Wye	1013.4	-14	NE	4	bc	64	55	7	1	-	1	1	2-3	4000
5	Portland Bill	1012.3	-4	SE	3	bc	58	92	8	4	-	1	2-3	4-6	2500
	Plymouth	1012.7	-2	NE	3	b	66	35	8	-	-	1	0	1	-
	The Lizard	1013.9	0	SW	2	bc	64	65	7	8	6	-	4-6	4-6	2500
	Scilly (St. Mary's)	1014.9	-2	N'W	3	b	58	85	6	-	-	-	0	0	-
	Guernsey	1012.4	0	NE'N	3	o	53	85	6	5	-	-	10	10	2500
6	Pembroke	1013.2	-6	N'E	3	q	65	65	7	5	-	-	1	1	4000
7	Holyhead	1015.1	-12	N'W	3	b	54	85	9	2	-	-	Tr	Tr	4000
8	Chester (Sealand)	1015.2	-8	W'N	3	z0	54	85	6	5	-	-	7-8	7-8	4000
	Manchester	1014.8	-10	N'W	2	m	59	75	4	5	-	-	10	10	2500
10	Spurn Head	1017.0	-4	E'N	3	c	51	75	7	5	1	-	7-8	9+	2600
	Catterick	1014.9	-10	S'E	3	z0	64	55	6	2	3	-	Tr	2-3	2500
	Tynemouth	1016.1	-2	SE	2	bc	51	75	7	2	-	-	4-6	4-6	1500
11	Inchkeith	1014.8	-14	SE	2	bc	61	75	7	5	-	-	2-3	2-3	2500
12	Leuchars	1014.3	-18	E'	3	z0	61	65	6	1	4	-	Tr	1	2500
	Renfrew (Abbots I.)	1014.3	-14	SW	3	b0	63	45	9	1	60	9	1	1	4000
	Eskdalemuir	1013.3	-14	SW	2	bc	65	35	8	1	-	-	2-3	2-3	4000
	Point of Ayre	1015.8	-8	NW'N	2	b	59	75	9	2	-	-	Tr	Tr	5700
13A	Tiree	1014.5	-12	SSW	4	bc	54	55	9	7	6	-	2-3	2-3	4000
13B	Stornoway	1013.9	-16	S	5	bc	55	65	9	5	4	-	4-6	4-6	4000
15	Dalwhinnie	*	-12	SW	4	b	60	35	8	-	4	-	0	1	-
	Aberdeen	1014.6	-14	ESE	3	jf	54	85	6	-	-	1	0	1	-
	Wick	1014.4	-12	E	1	m	50	92	4	5	-	-	10	10	450
16	Lerwick	1016.1	-4	SSW	2	c	49	92	7	5	3	-	4-6	7-8	1500
17	Blacksod Point	1015.1	-20	SW	3	c	55	65	9	2	-	7	2-3	7-8	2500
18	Malin Head	1014.8	-16	NE'E	2	c	51	75	8	5	7	-	4-6	7-8	2500
	Aldergrove	1015.5	-16	SW	1	bc	58	65	8	7	3	-	4-6	4-6	4000
19	Birr Castle	1015.6	-12	S	1	bc	59	55	8	2	-	-	4-6	4-6	4000
20	Valentia Obsy. †	1016.9	-14	W'N	4	bc	55	75	8	2	-	-	2-3	2-3	1500
	Roches Point	1015.8	-14	SE	3	bc	60	75	8	2	-	-	2-3	2-3	4000

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)	Weather 7h.—13h. 18th (37)	Weather 13h.—18h. 18th (38)	Weather 18h. 18th to 1h. 19th (39)	Weather 1h.—7h. 19th (40)
London (Kew)	1011.8	-6	NNE	4	ir0	54	75	6	6	2	-	10	10	1500	1	*	cm0	ccir0	cir0cm0	cm0r0r0
Croydon	1011.5	-8	N'E	3	id0	52	92	4	6	2	-	7-8	10	800	1	*	ocm0d0	cddm	d0frrr0m	r0 rrd0
S. Farnborough	1011.9	-4	NNE	3	c0	56	75	7	6	7	-	4-6	10	2500	1	*	cm0	cid0c	cr0ir0m0	cm0r0r0
Boscombe Down	1012.1	-2	N'E	3	bc	59	65	7	4	-	-	4-6	4-6	2500	0	*	bbcy	bcybc	bc	bccm0bc
Calshot (Sthmtn.)	1011.4	-6	N	4	c	59	75	7	5	7	-	7-8	9	2500	0	§ 2	b, bcz0	bcz0c	cbc	cm0cdm
Lympne	1010.8	-2	N'E	5	z0	49	92	5	5	-	-	10	10	<150	1	3	com0id0r0	om0r0r0	om0fmdd	omFeF
Manston	1010.4	+2	NE'N	5	ir0	50	~~85~~ 97	4	6	~~4~~ -	-	10	10	220	1	*	cr0r0m0	or0r0rrfm	r0mom	omff~~x~~ F
Shoeburyness	1011.7	-6	N'E	3	rr	50	97	6	6	2	-	9+	10	800	1	*	cir0c	ir0rc	m0 rr	m0irff
Felixstowe	1012.1	-4	N'E	4	RR	49	97	5	6	2	-	9+	10	450	1	3	cm0cr0f	r0rcRR	Rcr0r0c	cm0
Gorleston	1012.6	-6	N'E	5	r0r0	49	92	6	6	-	-	10	10	1500	1	3	coir0	or0r0	or0r0	or0r0o
Mildenhall	1012.8	-8	NE'N	4	c	53	75	7	5	2	-	4-6	10	2500	0	*	c	cpr0c	cr0r0 rr0	rr0dd0d0c
Cranwell	1014.5	-4	ENE	3	bc	51	85	8	7	-	-	4-6	4-6	1500	0	*	cm0cbc	bc	bcco	ir0om0
Birmingham	1012.5	-8	ENE	3	b	60	55	8	-	-	-	0	0	-	0	*	bbc	bcb	bbc	bcc
Upper Heyford	1013.2	-6	ENE	2	z0	55	75	6	7	-	6	2-3	4-6	2500	1	*	bcz0	bcz0	bcz0cm0	com0mm0
Ross-on-Wye	1012.2	-8	NE	3	b0	62	55	8	-	-	-	0	0	-	0	*	bby	by	bw	bmcfof
Portland Bill	1011.3	-6	E	2	bc	63	75	8	4	-	1	2-3	4-6	2500	0	2	bc	bc	b	b
Plymouth	1011.8	-8	S	3	bc	55	85	7	5	-	-	2-3	2-3	4000	0	2	bm0wb	b	b	bwcm0
The Lizard	1012.0	-10	NNW	2	b	62	75	7	-	-	-	0	0	-	0	1	bcz0	z0bcb	bbcbw	bbcc
Scilly (St. Mary's)	1013.4	-8	N	2	b	57	92	6	-	-	-	0	0	-	0	1	b	b	cbcb	bbcc
Guernsey	1012.1	-4	NNW	1	c	55	75	6	5	2	-	7-8	10	2500	0	3	bcco	oc	cbcbw	bwb
Pembroke	1011.7	-12	NNE	2	b	61	65	8	-	-	-	0	0	-	0	1	bbcbq	b	bbc	bbcc
Holyhead	1012.6	-14	N	2	b	54	75	9	-	5	-	0	Tr	-	0	!	bw	b	bbc	bc
Chester (Sealand)	1013.3	-8	WNW	2	z0	55	75	6	5	-	-	4-6	4-6	4000	0	*	cm0	bcm0e	bcbzow	bcwmc
Manchester	1013.1	-12	SE'E	3	m/f	58	85	4	5	3	-	9	9+	4000	1	of	bm0cz	czff	cm0bcm	bcmbom
Spurn Head	1014.8	-10	ENE	3	bc	49	85	7	-	8	8	0	2-3	-	0	2 *	bcc	bccbc	bcco	ocpr0
Catterick	1013.9	-2	SE'S	3	c	58	65	8	2	3	-	Tr	7-8	2500	1	*	febyz0	byz0c	cbc wc	com0cm
Tynemouth	1014.1	-6	SSE	3	bc	48	85	7	5	-	-	4-6	4-6	1500	0	2	bcm	bc	bc	om
Inchkeith	1010.8	-10	NNE	2	c	55	85	7	8	4	-	4-6	7-8	1500	0	1	bc	bcc	cbc	bcc
Leuchars	1012.0	-14	NE	3	z0	59	65	6	3	-	-	1	1	2500	0	*	Febmz0	bz0bcz0	bz0cm0	cm0cz0
Renfrew (Abbots I.)	1012.0	-14	WSW	2	b0	62	45	9	-	-	9	0	Tr	-	0	*	by	byv	bbc	bccz0
Eskdalemuir	1011.3	-8	SW'S	3	bc	63	55	8	2	-	-	2-3	2-3	4000	0	*	bybcy	bcy	bcyb	bcc
Point of Ayre	1012.9	-16	NW	1	b	59	65	8	-	-	-	0	0	-	0	0	b	b	bbc	bc
Tiree	1011.0	-20	S'E	3	c	51	75	9	-	5	6	0	7-8	-	0	2	bc	bc	bccir0	cir
Stornoway	1009.6	-18	SSW	5	c	51	55	9	4	5	3	4-6	7-8	4000	1	3 *	bc	bccy	pr0c	r0r0c
Dalwhinnie	1012.0	-2	W	4	b	57	45	8	-	-	5	0	1	-	0		bcb	bc		bcc
Aberdeen	1012.5	-10	S	5	jf	51	75	6	-	3	-	0	Tr	-	0	1	fmcb	bccif	bccz0	omoz0
Wick	1012.8	-18	SSE	2	f	47	97	2	-	-	-	10	10	-	0	!	om	oF	FF m0	cm0
Lerwick	1014.7	-8	S	4	c	48	92	8	8	7	-	4-6	7-8	1500	0		c	c	c	cm0
Blacksod Point	1011.0	-20	S	4	c	53	65	9	9	-	-	9+	9+	2500	0	3	bc	c	preq	Rr
Malin Head	1011.4	-24	NE	1	bc	50	85	7	8	-	1	4-6	4-6	2500	0	!	bcc	c	cprc	c
Aldergrove	1012.4	-18	SSE	1	r0r0	55	85	6	5	7	-	4-6	9+	2500	1	*	bcwcbc	bccr	cr0rr0c	c
Birr Castle	1012.2	-18	WSW	1	c	62	65	8	7	7	-	4-6	9+	4000	1	*	cbcy	bcc	c	cpr0
Valentia Obsy. †	1014.6	-18	SW'W	4	c	53	65	9	5	-	-	9	9	2500	0	2	cbc	bcbbccv	cvpr0c	pr PRc
Roches Point	1013.2	-16	SW	3	b	58	85	8	1	-	-	1	1	4000	0	1	bbc	bcb	bbcoo	bccir0

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 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.

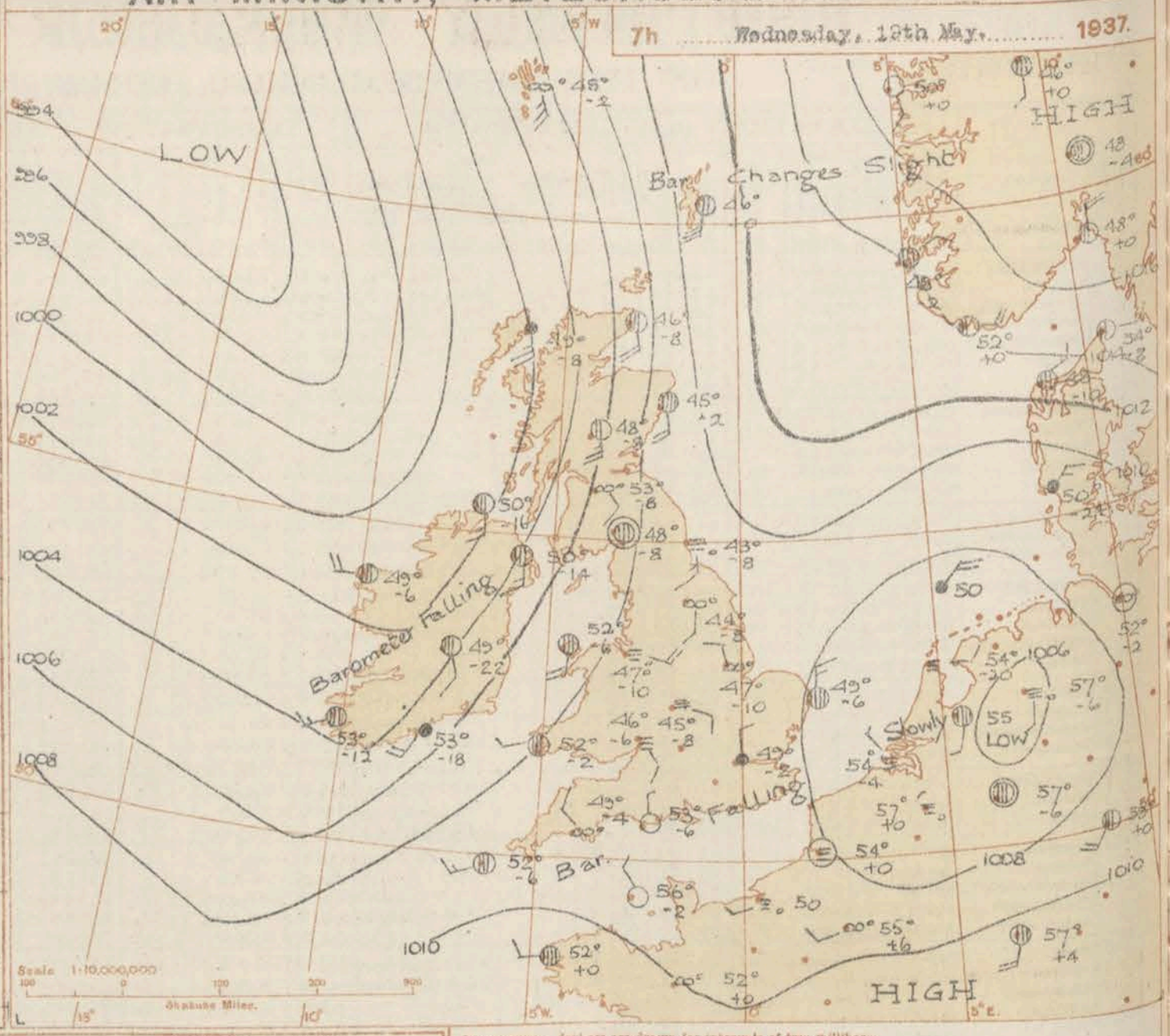
0 .. Ground dry.
1 .. „ wet.
2 .. „ flooded.
3 .. „ frozen hard and dry.
4 .. „ partly covered with snow or hail.
5 .. „ covered with ice or glazed frost.
6 .. Ground covered with thawing snow.
7 .. „ covered with snow, less than 6 ins., deep but ground not frozen.
8 .. „ covered with snow, less than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

7h ..... Wednesday, 18th May, ... 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.

REPORTS from HEALTH RESORTS for 18th May 1937.

Districts	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature (°F) Min. 9h. 17th. to 9h. 18th.	Temperature (°F) Max. 9h.—17h. 18th.	Rainfall (ins) Night. 17h. 17th. to 9h. 18th.	Rainfall (ins) Day. 9h.—17h. 18th.	Sunshine (Hrs) Sunrise to 17h. 18th.	Sunshine (Hrs) Sunrise to Sunset. 17th.
1	Tunbridge W.	od	odor	42	53	-	1	0·0	9·3
	Bournemouth	b	b	42	67	-	-	12·0	8·5
	Ventnor ...	bbcb	bcu	44	62	-	-	8·2	6·4
	Southsea ...	o cbc	bc	44	63	-	-	8·7	9·4
	Bognor Regis	bcbc	bcc	43	59	-	-	4·6	8·5
	Littlehampton	bc	bcco	42	60	-	-	3·4	8·6
	Worthing ...	bcc	c	43	57	-	-	2·2	8·7
	Brighton ...	bcc	cr	45	57	-	Trace	0·2	8·5
	Eastbourne† ...	o	ororr	45	53	-	3	0·0	8·6
	Hastings† ...	o	odord	45	52	-	2	0·0	8·5
	Folkestone ...	omr	orom	46	52	Trace	3	0·0	8·1
	Dover ...	oir	ro	48	52	-	3	0·0	7·8
	Deal	prprr	rr	49	51	-	-	0·0	7·7
	Ramsgate ...	cpc	cpc	46	51	-	6	0·0	8·5
	Margate ...	cr	cr	48	50	-	6	0·0	8·5
2	Southend ...	co	or	43	53	-	3	0·0	9·6
	Maldon ...	o	or	43	53	-	1	0·0	12·3
	Clacton-on-Sea	cdoir	oirr	44	52	-	2	0·0	12·1
	Dovercourt ...	oc	roc	44	52	-	2	0·0	13·4
	Lowestoft ...	bccdr	or	45	50	-	2	0·4	14·0
	Skegness ...	oc	cbcb	45	51	-	-	1·0	7·2
	Mablethorpe...	o	ocbc	39	50	-	-	1·0	8·
	Cleethorpes ...	bcc	cbc	40	53	-	-	4·3	10·3
3	Leamington S.	b	b	43	62	-	-	12·3	*
4	Cheltenham†	gby	by	45	67	-	-	2·3	11·7
5	Bath	b	b	42	66	-	-	12·1	11·3
	Weymouth ...	by	by	45	67	-	-	12·2	8·7
	Jersey ...	o	o	49	55	-	-	0·0	1·3
	Torquay ...	by	by	46	67	-	-	12·2	8·1
	Penzance ...	b	b	49	66	-	-	10·9	9·8
	St. Ives ...	b	b	49	59	-	-	10·2	11·3
	Bude... ...	cbcb	b	45	64	-	-	9·8	11·9
	Ilfracombe ...	cbcbz	bccz	49	61	-	-	9·7	11·3
6	Aberystwyth	zbc	bcc	45	62	-	-	9·0	9·1
7	Llandudno ...	b	bbc	43	59	-	-	10·2	13·1
	Colwyn Bay...	bcbbc	bcc	45	57	-	-	9·7	13·9
	Rhyl	cbc	bcc	42	56	-	-	4·4	*
8	Wallasey ...	cbcc	c	50	60	-	-	5·1	13·0
	Southport ...	fombc	bcujpc	43	62	-	-	3·9	12·4
	Blackpool ...	bz	bbcc	45	61	-	-	10·0	13·5
	Morecambe ...	b	bbc	46	66	-	-	11·7	13·3
9	Ilkley... ...	mb	b	44	65	-	-	8·1	6·3
	Harrogate ...	cb	b	44	63	-	-	9·1	4·8
10	Berwick-on-T.	bmm	cfbc	46	54	1	-	10·8	9·7
11	Dunbar ...	bcm	bcrm	45	60	0·5	0·3	10·2	10·3
12	Troon... ...	bbcb	bcb	42	57	-	-	11·6	10·6
	Douglas ...	b	b	46	64	-	-	12·0	7·8

† 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. 19th May, 1937.
1 S.E. England 2 E. England ...	Light variable wind becoming moderate southwesterly; cloudy, dull at first with some light rain or drizzle becoming fairer temporarily but renewed rain later; average temperature.
3 E. Midlands ... 4 W. Midlands ... 5 S.W. England	Moderate or fresh south or southwest winds; mainly cloudy with periods of rain later; average temperature.
6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Moderate or fresh south or southwest winds, veering west or northwest; cloudy at first with rainy periods, showers later; average temperature.
10 N.E. England 11 S.E. Scotland	As 2 - 5.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W.Scotland.	Fresh southwest winds, strong in places, veering west later; mainly cloudy with local showers; rather cool.
14 Mid Scotland 15 N. E Scotland 16 Orkney and Shetland	Fresh or strong southerly winds; cloudy, occasional rain later; average temperature.
17 N. W. Ireland	Moderate or fresh west or northwest winds; fair periods and showers; rather cool.
18 N. E. Ireland 19 S. E. Ireland	As 6 - 9.
20 S. W. Ireland	As 17.

GENERAL INFERENCE

A trough of low pressure over Ireland will move slowly eastwards. There will be rain in many districts and temperatures will tend to fall in the West.

FURTHER OUTLOOK.

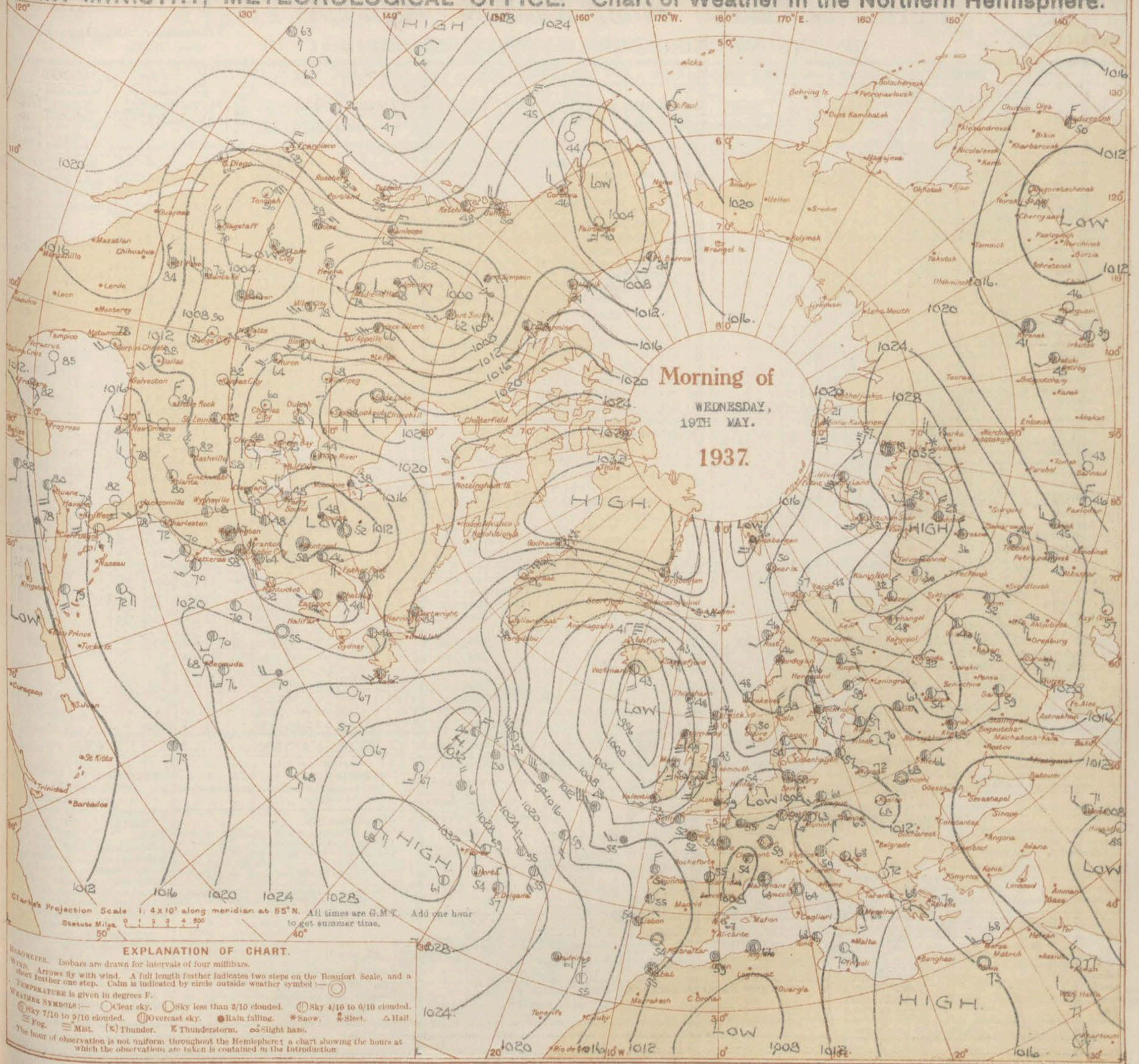
Periods of rain in the East; showery in the West.

Forecasts issued at 0945 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.



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.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 19th May, 1937.
No. 27572.

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

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	1010·1	-14	N	1	r.r.	49	92	5	-	2	-	10	10	450
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1009·0	-14	N	3	m	49	97	4	5	-	-	10	10	<150
	Manston ...	142	1008·5	-10	NE	3	m	50	97	4	5	-	-	10	10	220
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1010·1	-16	NW	4	r.r.	48	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	1010·3	-10	NNE	2	b	52	85	7	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1011·3	-10	NNW	2	b	49	97	7	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1012·2	-12	NNW	3	b	50	97	7	-	-	-	0	0	-
	Guernsey ..	175	1010·7	-14	WNW	1	b	51	85	7	-	-	-	0	0	-
6	Pembroke ...	142	1009·8	-10	NW	2	bc	51	85	7	5	-	-	4-6	4-6	4000
7	Holyhead ...	26	1009·0	-18	SW	2	bc	50	85	8	5	5	-	2-3	2-3	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1011·7	-16	NE	2	o	46	97	7	5	-	-	10	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1011·9	-16	S	3	bc	46	92	7	5	-	-	2-3	2-3	1500
11	Inchkeith ...	190	1009·9	-16	SE	2	bc	51	92	7	5	-	-	4-6	4-6	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsinch)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1008·5	-20	SE	3	bc	51	85	8	5	-	-	2-3	2-3	2500
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1005·5	-24	SSE	4	c	49	85	7	5	2	-	3	10	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	77	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1008·6	-12	S	2	c	42	97	5	5	7	-	7-8	9	460
16	Lerwick ...	156	1012·6	-12	S	6	c	47	92	7	8	2	-	7-8	9	800
17	Blacksod Point	18	1003·5	-48	S	6	u	51	92	8	9	-	-	10	10	1500
18	Malin Head ...	84	1005·8	-38	S	3	c	49	85	7	4	2	-	4-6	9	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1007·0	-14	S	4	r.r.	50	97	7	8	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
1	London (Kew)	1008·4	-4	NNE	2	r.r.	49	92	5	6	2	-	7-8	10	800	1	*
	Croydon ...	1008·7	-2	N	1	dr	49	97	3	-	2	-	10	10	220	1	*
	S. Farnborough	1008·7	-6	NE	2	ir.	50	92	6	-	2	-	10	10	800	1	*
	Boscombe Down	1008·9	-8	NNE	2	z.	50	85	6	5	3	-	4-6	4-6	450	0	*
	Calshot (Sthmtn.)	1009·2	-2	NNW	2	c/d	51	92	6	5	3	-	4-6	9	800	0	2
	Lympne ...	1008·1	-2	NE	2	f-	51	97	2	-	-	-	10	10	<150	1	1
	Manston ...	1007·5	-2	NNE	2	f	49	97	2	-	-	-	10	10	<150	1	*
2	Shoeburyness ...	1008·2	-6	-	0	f	50	97	2	-	-	-	10	10	<150	1	*
	Felixstowe ...	1008·2	-6	NNE	2	z.	50	97	6	5	-	-	10	10	450	1	2
	Gorleston ...	1007·8	-6	N	3	o	49	97	6	6	-	-	10	10	1500	1	3
	Mildenhall ...	1008·5	-8	NW	2	dr	49	97	4	-	2	-	10	10	450	1	*
	Cranwell ...	1009·3	-10	NW	2	z.	47	97	6	5	-	-	10	10	450	1	*
3	Birmingham ...	1009·1	-8	ESE	2	m	45	92	4	5	-	-	10	10	800	0	*
	Upper Heyford	1009·6	-6	NE	2	z.	48	92	6	5	-	-	10	10	800	1	*
4	Ross-on-Wye	1009·2	-6	SE	2	f	46	97	3	5	-	-	10	10	220	0	*
5	Portland Bill ...	1008·5	-6	N	1	b	53	92	7	-	-	-	0	0	-	0	2
	Plymouth ...	1009·2	-4	NNW	2	z.	49	97	6	5	-	-	9	9	800	0	1
	The Lizard ...	1009·7	0	WNW	3	c	51	92	8	4	-	-	7-8	7-8	2500	0	1
	Scilly (St. Mary's)	1009·8	-6	SWW	3	c	52	85	8	5	4	4	2-3	7-8	2500	0	2
	Guernsey ..	1009·5	-2	NW	1	b	56	85	6	-	-	-	0	0	-	0	1
6	Pembroke ...	1007·3	-2	WSW	1	c	52	85	8	5	7	-	4-6	7-8	4000	0	1
7	Holyhead ...	1006·4	-6	SW	4	c	52	85	8	1	-	6	Tr	7-8	2500	0	1
	Chester (Sealand)	1008·4	-10	ESE	4	m	47	92	4	5	-	-	10	10	800	0	*
8	Manchester ...	1009·3	-10	ESE	1	o	44	97	5	5	-	-	10	10	1500	1	*
10	Spurn Head ...	1009·4	-8	NE	2	pr	47	92	6	5	2	-	7-8	10	1500	1	2
	Catterick ...	1008·8	-8	S	2	z.	44	85	6	5	-	-	10	10	1500	1	*
	Tynemouth ...	1009·6	-8	S	3	m	43	92	4	5	-	-	10	10	800	0	1
11	Inchkeith ...	1007·6	-8	SE	4	c	50	85	8	5	-	-	9+	9+	2500	0	3
	Leuchars ...	1007·8	-6	ENE	3	z.	49	85	6	5	7	-	7-8	9	2500	0	*
12	Renfrew (Abbotsinch)	1006·2	-8	SE	2	z.	53	75	6	5	8	6	2-3	7-8	4000	0	*
	Eskdalemuir ...	1006·2	-8	-	0	c	48	75	7	5	1	1	2-3	7-8	2500	0	*
	Point of Ayre...	1006·2	-12	SE	5	bc	51	97	7	-	4	3	0	4-6	-	0	2
13A	Tiree ...	1001·7	-8	SE	5	ir	49	85	7	5	9	-	7-8	10	1500	1	3
13B	Stornoway ...	1001·8	-2	S	5	c/r	49	92	7	5	1	-	7-8	10	2500	1	3
15	Dalwhinnie ...		-8	S	5	bc	48	85	7	4	5	-	4-6	4-6	2500	0	*
	Aberdeen ...	1009·9	-2	SSE	4	o	45	92	6	5	-	-	10	10	800	0	2
	Wick ...	1007·5	-8	SSE	4	c	46	97	6	5	2	-	7-8	10	1500	0	3
16	Lerwick ...	1011·4	0	S	6	c	46	92	6	5	2	-	7-8	10	800	0	*
17	Blacksod Point	1000·5	-6	W	4	c	49	75	8	9	-	-	9+	9+	800	1	3
18	Malin Head ...	1001·4	-16	S	3	c	50	75	7	8	2	-	4-6	9	2500	0	2
	Aldergrove ...	1004·0	-14	S	3	c	50	85	8	5	7	-	Tr	10	1500	1	*
19	Birr Castle ...	1003·5	-22	SSE	2	c/pr	49	92	8	8	2	-	7-8	10	2500	1	*
20	Valentia Obsy. †	1003·9	-12	SWW	3	c	53	75	8	5	-	1	9+	9+	2500	1	3
	Roches Point	1005·1	-18	SW	4	ir.	53	92	8	6	1	-	7-8	10	1500	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 18h. Hrs. (36)
1	London (Kew)	56	49	48	Tr	2	0·4
	Croydon ...	54	49	48	0·2	7	0·0
	S. Farnborough	53	48	48	Tr	0·1	1·4
	Boscombe Down	62	46	43	-	-	12·8
	Calshot (Sthmtn.)	62	50	50	-	Tr	6·6
	Lympne ...	49	48	48	2	Tr	0·0
	Manston ...	51	49	49	8	Tr	0·0
2	Shoeburyness ...	53	49	49	4	6	0·0
	Felixstowe ...	52	48	48	5	2	0·1
	Gorleston ...	50	48	42	0·6	10	1·8
	Mildenhall ...	56	47	47	Tr	3	2·7
	Cranwell ...	57	45	44	-	Tr	10·3
3	Birmingham ...	62	44	37	-	-	13·0
	Upper Heyford	58	45	44	-	-	*
4	Ross-on-Wye	64	45	41	-	-	13·9
5	Portland Bill ...	63	48	*	-	-	*
	Plymouth ...	68	47	39	-	-	12·3
	The Lizard ...	65	48	*	-	-	*
	Scilly (St. Mary's)	60	48	*	-	-	12·8
	Guernsey ..	55	48	41	-	-	3·9
6	Pembroke ...	66	47	*	-	-	12·3
7	Holyhead ...	65	47	40	-	-	14·1
	Chester (Sealand)	58	45	43	*	-	3·2
8	Manchester ...	63	40	34	-	-	2·8
10	Spurn Head ...	53	45	*	-	Tr	6·8
	Catterick ...	65	43	41	Tr	-	5·8
	Tynemouth ...	55	42	40	-	-	8·0
11	Inchkeith ...	63	48	43	-	-	13·1
	Leuchars ...	63	44	38	-	-	11·0
12	Renfrew (Abbotsinch)	64	45	40	-	-	13·4
	Eskdalemuir ...	68	40	34	-	-	13·6
	Point of Ayre...	60	46	*	-	-	13·0
13A	Tiree ...	56	47	45	-	Tr	13·6
13B	Stornoway ...	58	48	*	-	2	11·3
15	Dalwhinnie ...	62	45	34	-	-	11·6
	Aberdeen ...	54	44	44	-	-	6·0
	Wick ...	51	39	*	-	-	*
16	Lerwick ...	50	45	*	-	-	2·7
17	Blacksod Point	57	46	*	-	7	*
18	Malin Head ...	54	47	*	-	Tr	10·4
	Aldergrove ...	61	48	46	1	1	8·3
19	Birr Castle ...	63	47	42	-	0·2	6·0
20	Valentia Obsy. †	56	49	48	-	2	7·0
	Roches Point	61	49	*	-	0·2	*

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.	cir.	cirm.r.	56	49	48	Tr	2	0·4	*	*	4
Croydon	217	ocm.d.	cddm	dfrmd.	54	49	48	0·2	7	0·0	*	*	3
Greenwich (Royal Observatory)	149	cr.	cr.	rrd.	54	48	43	0·3	8	0·0	76	96	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·1	*	*	*
Westminster (St. James' Park)	27	*	*	*	56	49	48	3·2		0·1	76	94	*
Regents Pk. (Botanic Gardens)‡	168	*	*	*	57	48	48	Tr	4	0·2	83	99	*
Camden Square	110	c	cpc	*	56	49	49	-	5	*	*	96	*
Kensington	80	bccod.	cov	*	56	49	48	Tr	3·2	0·1	At 18h. 80	99	*
Hampstead Observatory	440	c	cod	or	54	45	39	0·3	4	0·4	*	90	*

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

South Kensington Max.	Time.	Min.	Time.
0·3	17-19h 18th	<0·3	1-3h 19th

Kew Observatory Max.	Time.	Min.	Time.
0·1	21h 18th	<0·1	1-5h 19th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 18th May Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 19th May Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1006·5	NE	2	pr	61	1009·0	WSW	2	z.	55	55	*	4	*
Brussels	1008·7	SSE	1	c	59	1006·4	-	0	m	57	64	52	1	2
Berlin	1005·6	NE	1	c	72	1008·0	SSW	1	z.	63	75	61	-	2
Zürich	1012·2	SW	1	c	63						77		1	
Rome	1015·4	SE	2	c	66						*		-	

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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, 20th May, 1937.
No. 27573.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1007·6	−6	-	0	z₀	54	85	5	5	2	-	9	10	1500
	Croydon ...	1007·6	−6	W	1	f	52	92	3	5	-	-	10	10	800
	S. Farnborough	1007·3	−10	-	0	c	58	75	6	5	-	-	10	10	1500
	Boscombe Down	1007·0	−12	WNW	1	bc	63	55	7	1	7	-	2-3	2-3	2500
	Calshot (Sthmtn.)	1007·9	−10	SE'S	1	bc	60	75	7	8	-	-	2-3	2-3	2500
	Lympne ...	1006·1	−2	SW	1	c/r	53	97	6	6	2	-	9+	10	220
	Manston ...	1007·3	−2	NNW	2	m	52	97	4	5	-	-	10	10	220
2	Shoeburyness ...	1007·7	−2	SW	1	c	54	92	6	6	2	-	7-8	10	800
	Felixstowe ...	1007·9	−2	E'S	1	r₀r₀	51	97	5	5	-	-	10	10	800
	Gorleston ...	1007·6	0	NNE	1	c	51	92	6	5	-	-	10	10	2500
	Mildenhall ...	1007·2	−8	NNW	1	ld₀	53	92	5	6	2	-	7-8	10	1500
	Cranwell ...	1007·9	−6	SE	1	c	53	85	7	5	-	-	10	10	1500
3	Birmingham ...	1006·9	−12	SSW	2	bc	58	65	8	1	-	-	2-3	2-3	2500
	Upper Heyford	1007·6	−10	SSE	1	z₀	59	75	6	7	-	-	7-8	7-8	2500
4	Ross-on-Wye	1006·8	−16	SW	3	bc	61	65	7	1	8	-	1	2-3	4000
5	Portland Bill ...	1007·8	−6	SE	2	b	55	85	7	-	-	-	0	0	-
	Plymouth ...	1007·7	−6	SW	4	c	56	75	8	1	-	6	Tr	9	2500
	The Lizard ...	1008·1	−12	SW	4	c	56	75	8	8	7	-	4-6	9	2500
	Scilly (St. Mary's)	1007·2	−14	SW'S	4	ir₀	53	85	8	8	2	-	4-6	10	1500
	Guernsey ...	1009·0	−4	W'N	3	c	55	85	6	8	1	-	7-8	10	2500
6	Pembroke ...	1005·6	−2	SW'S	4	c	52	85	8	8	2	-	9+	9+	2500
7	Holyhead ...	1005·2	−8	SW'S	4	c	55	75	8	1	3	7	Tr	9	2500
	Chester (Sealand)	1005·7	−16	SE	3	z₀	60	75	6	5	-	-	4-6	4-6	2500
8	Manchester ...	1006·6	−10	S'E	3	z₀	59	66	6	7	3	-	4-6	4-6	4000
10	Spurn Head ...	1007·5	−8	ENE	2	c	49	92	6	5	-	-	10	10	1500
	Catterick ...	1006·6	−14	ESE	3	bc	58	66	7	7	-	-	2-3	2-3	4000
	Tynemouth ...	1007·4	−8	SE	3	bc	48	92	7	2	-	-	2-3	2-3	1500
11	Inchkeith ...	1004·9	−6	ESE	2	c	56	85	7	5	-	-	7-8	7-8	2500
	Leuchars ...	1006·5	−4	E	4	c	48	85	7	5	2	-	9	10	1500
12	Renfrew (Abbots I.)	1004·1	−2	S'E	3	z₀	62	45	6	1	1	8	2-3	9+	4000
	Eskdalemuir ...	1005·1	−4	SW	4	c	59	65	7	5	-	1	9	9	2500
	Point of Ayre...	1004·8	+2	S'W	4	c	55	85	8	8	1	-	2-3	10	2500
13a	Tiree	1001·2	0	S	5	dd	50	92	7	6	-	-	9+	9+	1500
13b	Stornoway ...	1002·2	+6	S	3	pr	51	92	7	5	2	-	4-6	10	2500
15	Dalwhinnie ...	1005·3	−6	SSE	4	c	53	65	7	4	1	-	4-6	9+	4000
	Aberdeen ...	1008·3	−2	SE'S	4	o	47	85	6	5	-	-	10	10	1500
	Wick ...	1007·9	+6	SSE	4	z₀	47	92	5	5	-	-	10	10	450
16	Lerwick ...	1010·0	−8	SSE	5	bc	50	85	8	8	-	-	2-3	2-3	1500
17	Blacksod Point	1000·9	0	W'S	4	bc	53	65	8	2	-	-	4-6	4-6	1500
18	Malin Head ...	1001·2	+8	SW	1	c/r	49	92	7	9	2	-	7-8	9+	1500
	Aldergrove ...	1002·4	−6	S	3	r₀r₀	53	85	7	5	2	-	9+	10	800
19	Birr Castle ...	1002·4	−6	S	1	c	58	65	8	8	-	-	7-8	7-8	2500
20	Valentia Obsy. †	1003·8	−2	W	4	bc	53	65	8	8	-	-	2-3	2-3	2500
	Roches Point	1003·4	−6	SW	3	c	54	85	8	8	-	-	7-8	7-8	1500

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. °F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1006·8	−4	SSE	1	z₀	62	75	6	5	-	-	9	9	1500	1	*
	Croydon ...	1006·9	−6	S	3	z₀	59	75	6	2	3	-	1	4-6	2500	1	*
	S. Farnborough	1006·7	+6	SSW	3	bc	59	75	7	1	5	9	Tr	4-6	4000	0	*
	Boscombe Down	1006·5	0	SW'S	3	bc	58	65	7	2	-	-	2-3	2-3	2500	0	*
	Calshot (Sthmtn.)	1007·6	0	SW'S	4	z₀	55	92	5	5	-	-	9+	9+	450	0	3
	Lympne ...	1008·8	+6	SW'S	2	m	51	97	4	5	-	-	10	10	150	1	*
	Manston ...	1007·8	+6	WSW	2	f	52	97	3	-	-	-	10	10	150	1	*
2	Shoeburyness ...	1007·7	+4	SE	2	o	53	92	5	-	2	-	0	10	-	1	*
	Felixstowe ...	1007·4	+4	S'E	2	z₀	52	92	6	5	-	-	10	10	800	1	2
	Gorleston ...	1007·8	+6	E'S	2	pr₀	50	92	5	6	-	-	10	10	1500	1	2
	Mildenhall ...	1007·0	+2	SW'S	1	z₀	54	92	6	6	2	-	7-8	10	1500	1	*
	Cranwell ...	1006·6	−4	SE	2	bc	57	85	8	1	3	-	2-3	4-6	2500	1	*
3	Birmingham ...	1005·3	−4	SW	2	b	62	65	8	1	-	-	1	1	2500	0	*
	Upper Heyford	1006·3	−6	SE	1	z₀	61	65	6	5	7	-	4-6	4-6	2500	0	*
4	Ross-on-Wye	1005·8	−6	S	2	c₀	58	75	8	5	1	-	9+	10	2500	0	
5	Portland Bill ...	1007·3	−6	WSW	4	c	52	92	7	4	-	-	7-8	7-8	2500	0	3
	Plymouth ...	1007·4	−2	SW'S	4	c	54	85	8	5	6	-	4-6	9	2500	0	2
	The Lizard ...	1006·9	−8	S'W	4	r₀r₀	51	97	8	6	2	-	9	10	1500	1	2
	Scilly (St. Mary's)	1005·3	−8	SSW	4	dd	52	97	6	5	-	-	10	10	1500	1	3
	Guernsey ...	1009·1	−4	W'N	2	c	54	75	7	1	7	8	2-3	9	4000	0	2
6	Pembroke ...	1004·2	−12	S'W	4	ir	51	92	7	8	-	-	9+	9+	2500	1	3
7	Holyhead ...	1004·0	−8	SSW	4	c	52	85	9	6	7	8	2-3	9+	2500	0	1
	Chester (Sealand)	1005·1	+2	NNW	2	z₀	56	92	6	8	1	-	7-8	9+	4000	1	*
8	Manchester ...	1004·9	−2	WNW	2	z₀	57	85	5	8	6	6	2-3	9	2500	0	
10	Spurn Head ...	1006·7	−6	SE	2	z₀	48	97	5	5	-	-	10	10	800	1	1
	Catterick ...	1005·1	−2	SE'S	2	b	58	65	7	8	-	6	4-6	7-8	4000	0	*
	Tynemouth ...	1005·9	−10	SE	3	c	49	92	7	5	-	-	9+	9+	800	0	2
11	Inchkeith ...	1005·4	0	N	4	c	48	97	7	8	-	-	7-8	7-8	2500	0	3
	Leuchars ...	1005·8	0	E	3	o	49	85	7	5	-	-	10	10	800	0	*
12	Renfrew (Abbots I.)	1004·0	0	SSW	2	c	57	65	8	7	7	8	1	9+	4000	0	*
	Eskdalemuir ...	1004·7	+2	SW'S	3	c	54	65	8	5	7	-	4-6	10	2500	0	4
	Point of Ayre...	1004·0	−6	SW	3	c	55	85	8	4	1	-	4-6	7-8	4000	0	2
13a	Tiree	1002·2	0	ESE	2	c/r	47	85	8	8	3	8	4-6	9	2500	1	3
13b	Stornoway ...	1002·8	+4	ESE	1	pr₀	52	75	7	5	7	-	4-6	10	2500	1	0
15	Dalwhinnie ...	1004·6	0	SSE	5	c	49	75	7	4	7	-	4-6	7-8	2500	0	*
	Aberdeen ...	1007·6	−2	ESE	3	c	48	85	6	5	-	-	9+	9+	800	0	2
	Wick ...	1006·3	−16	SE	6	c	46	85	7	8	7	-	4-6	7-8	1500	0	4
16	Lerwick ...	1010·5	+4	SE	5	c	49	85	8	8	2	-	7-8	10	1500	0	*
17	Blacksod Point	1000·9	0	S	3	bc	53	55	9	3	-	-	4-6	4-6	4000	0	3
18	Malin Head ...	1001·5	+2	E'S	3	jp	49	92	7	9	9	-	4-6	7-8	1500	0	2
	Aldergrove ...	1001·9	−6	SSE	3	ir₀	53	85	8	6	2	-	2-3	10	1500	1	*
19	Birr Castle ...	1002·1	0	W'N	1	c	53	65	8	8	7	-	4-6	7-8	2500	1	*
20	Valentia Obsy. †	1003·5	−2	SW	3	c/pr	48	75	8	9	-	-	7-8	7-8	1500	1	3
	Roches Point	1002·7	−2	WSW	3	bc	54	75	9	3	4	-	2-3	4-6	1500	1	3

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 19th (37)	13h.—18h. 19th (38)	18h. 19th to 1h. 20th (39)	1h.—7h. 20th (40)
1	London (Kew)	cdmcm₀	bccz₀	cz₀	bcm₀w
	Croydon ...	or₀d₀rf	ofcmbcz₀	czbmbc	bcw
	S. Farnborough	ir₀m₀c	cz₀bcz₀	bcw	bcwcbc
	Boscombe Down	bcm₀cm	bb₁cpr₀cb	bbc	bccm₀
	Calshot (Sthmtn.)	cm₀bc	bcz₀	cmbcbw	bcwcm₀
	Lympne ...	fomfd₀	om₀fom	omfif	ombm₀w
	Manston ...	ffom	fmd₀ff	fbcfom	fbcbm₀
2	Shoeburyness ...	bDRRc	cm₀o	ocbcm₀	bcbw
	Felixstowe ...	old₀or₀r₀	or₀r₀m₀	om₀cm₀	cm₀
	Gorleston ...	od₀cz₀	copr₀	ofcz₀	coff
	Mildenhall ...	old₀mr₀r₀	d₀d₀cz₀	cz₀bm	bmcffcom
	Cranwell ...	r₀r₀r₀r	cr₀r₀bc	bcbmf	ofc
3	Birmingham ...	obc	bcb	b₁cbc	bc
	Upper Heyford	om₀c	c	corbc	cofmc
4	Ross-on-Wye	ofcmz₀bc	bybcc	cbbcc	coc
5	Portland Bill ...	bcb	bcc	c	or₀
	Plymouth ...	cm₀bc	c	cr₀r₀	bccpr₀
	The Lizard ...	cbcc	cr₀r₀	crrbc	bcc
	Scilly (St. Mary's)	cir	ir₀ddm	drrcbc	bcfpbc
	Guernsey ...	bbcc	c	cbwbc	cr₀r₀
6	Pembroke ...	c	cqirc	cr₀r₀	prc
7	Holyhead ...	bcc	c	r₀r₀d₀mc	d₀m₀pr₀
	Chester (Sealand)	cm₀bcz₀	bccprr₀	cm₀bm₀	pm₀bcm₀w
8	Manchester ...	obcm₀cz₀	bcyzm₀	cm₀	bcwm₀
10	Spurn Head ...	pr₀o	prom	mcff	doff
	Catterick ...	cm₀bcz₀	cz₀ybc	bc	bwm₀fo
	Tynemouth ...	ombc	bcc	co	o
11	Inchkeith ...	c	c	corf	cf
	Leuchars ...	bcz₀c	cbco	opr₀om₀	om₀ir₀
12	Renfrew (Abbots I.)	cbcz₀y	cz₀yc	c	ccm₀r₀r₀
	Eskdalemuir ...	ccy	cz₀c	cr₀r₀	ccm₀
	Point of Ayre...	bct	c	cr₀r₀	irc
13a	Tiree	crr	cir₀	cRR	r₀ff
13b	Stornoway ...	cpr₀	cpr₀	cpr₀d₀d₀	c
15	Dalwhinnie ...	c	cbc		c
	Aberdeen ...	oz₀	ocz₀	codof	oidof
	Wick ...	om	c	cm₀	of
16	Lerwick ...	ebc	bcc	crm₀	crrr₀r₀
17	Blacksod Point	bc	bc	prc	bc
18	Malin Head ...	cir	cir₀c	cprc	bc
	Aldergrove ...	ccnr₀	cqrrir₀	cirab	bob
19	Birr Castle ...	cpr₀c	cprc	c	cbx
20	Valentia Obsy. †	cpr₀bc	prqpr₀	bcprpr₀	prpr₀bc
	Roches Point	cprc	cbc	bcp₀bc	bcp₀bc

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 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.*

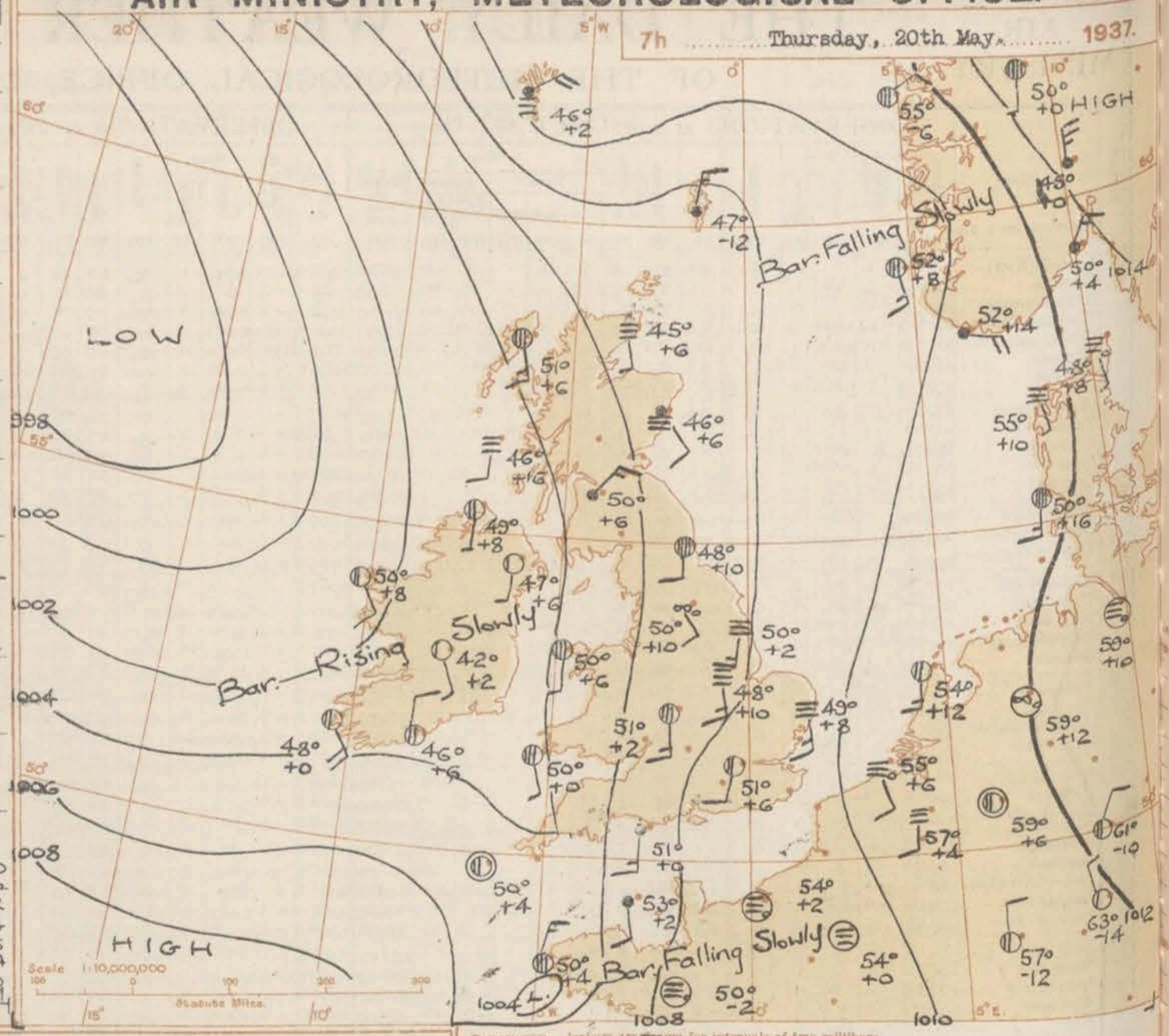
† Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 19th May 1937.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature (F) Min. 9h. 18th to 9h. 19th	Temperature (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.	odo	ooc	48	59	13	Trace	0·4	0·0
	Bournemouth	bcb	b	46	63	-	-	7·5	12·8
	Ventnor ...	ob	bom	50	57	-	-	5·0	8·2
	Southsea ...	ocb	b	47	63	-	-	6·0	5·8
	Bognor Regis	orbc	b	48	56	-	Trace	3·6	4·6
	Littlehampton	oc	cbc	50	56	0·1	-	3·2	3·4
	Worthing ...	c	cbcb	50	58	1	-	2·0	2·2
	Brighton ...	cdc	cb	49	56	7	Trace	1·4	0·2
	Eastbourne† ...	o	oc	50	57	6	-	1·1	0·0
	Hastings† ...	ormdr	oc	49	53	0·3	2	0·0	0·0
	Folkestone ...	om.o	orom	50	54	Trace	Trace	0·0	0·0
	Dover ...	mof	fmo	51	54	-	-	0·0	0·0
	Deal	o	o	50	55	-	-	0·0	0·0
	Ramsgate ...	ofe	ofem	49	52	Trace	Trace	0·0	0·0
	Margate ...	cfm	cm	49	52	Trace	Trace	0·0	0·0
2	Southend ...	odr	orom	48	55	8	5	0·0	0·0
	Maldon ...	orr	ro	49	55	10	4	0·0	0·0
	Clacton-on-Sea	omr	rom	48	53	5	3	0·0	0·0
	Dovercourt ...	roc	roc	48	53	3	2	0·0	0·0
	Lowestoft ...	cr.co	oidr	47	53	8	Trace	0·0	0·4
	Skegness ...	idr.r	oc	47	51	0·4	2	0·2	2·4
	Mablethorpe...	o m.o p.	op.om	46	51	Trace	0·3	0·0	2·1
	Cleethorpes ...	c	crm.o	46	52	Trace	Trace	0·0	4·3
3	Leamington S.	cbc	bc	46	65	-	-	4·3	14·3
4	Cheltenham†	wocbc	bcbbc	45	66	-	-	5·8	4·6
5	Bath	cbc	bccp	45	65	-	0·5	4·0	14·6
	Weymouth ...	bm	bm	45	62	-	-	12·0	14·6
	Jersey ...	cfc	cbc	50	57	-	-	3·9	0·0
	Torquay ...	wbz.o	b	46	64	-	-	11·2	14·4
	Penzance ...	bbcc	crr	48	58	-	0·5	3·6	12·1
	St. Ives ...	c	pr	49	57	-	Trace	2·9	12·1
	Bude... ...	bbc	bcc	47	64	-	-	6·7	10·8
	Ilfracombe ...	cbcc	cbcc	51	65	-	-	4·2	10·7
6	Aberystwyth	cbcc	cbcc	46	58	-	-	6·2	9·0
7	Llandudno ...	bcc	cbc	49	60	-	-	5·7	10·2
	Colwyn Bay...	bcbcc	cbcc	48	62	-	-	6·3	9·7
	Rhyl	bcc	cbc	46	63	-	-	5·7	4·4
8	Wallasey ...	cbc	bcoR	46	60	-	2	3·8	5·1
	Southport ...	ocbcc	coirc	43	61	-	1	1·7	3·9
	Blackpool ...	o	ocopc	43	60	-	0·3	2·8	10·0
	Morecambe ...	bccbc	ccbcc	45	63	-	-	3·5	12·6
9	Ilkley... ...	cbcb	bbcb	44	63	-	-	6·1	10·2
	Harrogate ...	cb	bbc	42	61	-	-	6·5	10·4
10	Berwick-on-T.	bm.o	bcc	43	56	-	-	9·0	11·5
11	Dunbar ...	bcr.o	bcm.o	46	55	1	-	9·9	10·4
12	Troon... ...	cbcc	coc	50	57	-	-	0·1	13·0
	Douglas ...	bc	cb	46	55	-	-	3·5	14·1

† 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. 20th May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light southeast to east winds; cloudy at times with probably some thundery rain developing later; becoming warm.
4 W. Midlands ...	Light southerly winds, backing east; cloudy at times; becoming rather warm.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England	Light or moderate southerly winds, backing east; cloudy at times with rainy periods at first; becoming rather warm.
9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Light southeast or east winds; bright periods; average temperature.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W.Scotland.	Light or moderate southerly winds; cloudy with periods of rain; 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	Light variable or southeast winds; bright periods, occasional showers; average temperature.

GENERAL INFERENCE.

A trough of low pressure extends from the Hebrides to Brest. There will be rain at times in western districts of England and Scotland and later some thundery rain will move northwards over Southern England. It will become warm in the South.

FURTHER OUTLOOK.

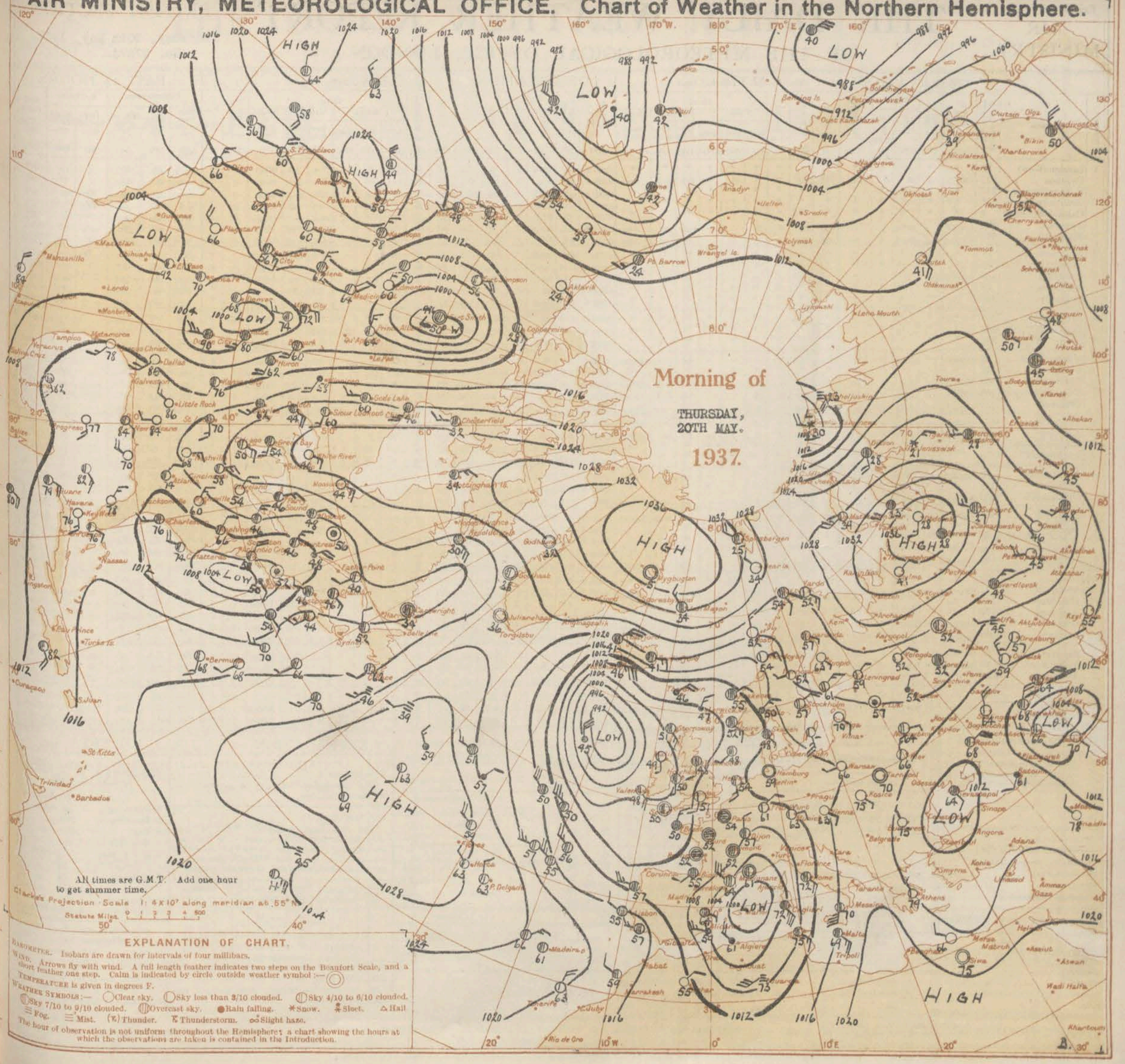
Unsettled but rather warm.

Forecasts issued at 0950 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.



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 20th May, 1937.

No. 27573.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1007.0	0	S	4	bc	49	92	7	5	4	–	2.3	2.3	800
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1005.5	-2	SSW	2	m/f	49	97	4	5	–	–	10	10	220
	Manston ...	142	1006.2	-2	SW'S	3	m	48	97	4	5	–	–	10	10	220
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1007.6	+2	S	2	c	50	97	5	5	–	–	9	9	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1006.8	-4	SSW	3	c	52	92	7	4	–	–	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1005.6	+2	SW	2	bc	49	97	8	6	–	–	4.6	4.6	2500
	Scilly (St. Mary's)	163	1005.3	-2	W'S	3	bc	48	92	8	8	–	–	4.6	4.6	1500
	Guernsey ..	175	1008.7	-6	S'W	2	c	51	92	6	8	–	–	10	10	2500
6	Pembroke ...	142	1003.6	0	SSE	1	r.r.	48	97	8	5	–	–	10	10	2500
7	Holyhead ...	26	1008.4	-2	SW'S	3	d.d.	50	92	4	6	2	–	2.3	10	450
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1006.9	0	SE'S	3	cF+	49	97	1	5	–	–	10	10	<150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1006.2	0	S	2	o	48	92	6	5	–	–	10	10	800
11	Inchkeith ...	190	1005.5	+6	NNE	3	c	47	97	7	5	–	–	7.8	7.8	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1004.2	0	SSE	3	r.r.	50	97	8	6	1	–	7.8	9	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1002.8	-2	NNE	1	d.d.	47	92	7	5	7	–	4.6	9	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1006.5	-4	SSE	4	c	46	92	6	5	2	–	9	10	800
16	Lerwick ...	156	1009.6	-8	ESE	4	rr	48	92	6	6	2	–	7.8	10	800
17	Blacksod Point	18	1004.0	0	S	3	bc	49	75	8	3	–	–	4.6	4.6	1500
18	Malin Head ...	84	1004.5	+4	S'W	1	bc	45	97	7	4	–	–	2.8	2.3	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1003.1	-2	SW'S	3	c/pbc	45	97	8	9	–	–	7.8	7.8	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)
London (Kew)	1006.8	+6	SSW	2	z_o	52	92	6	7	3	1	7.8	7.8	2500	1	*
Croydon ...	1006.5	+6	S'W	2	bc	51	85	7	1	5	–	Tr	2.3	1500	1	*
S. Farnborough	1006.3	+4	SE'S	2	bc	51	92	7	5	8	1	Tr	4.6	1500	1	*
Boscombe Down	1007.7	-2	SSE	3	z_o	50	97	6	5	–	–	10	10	1500	0	*
Calshot (Sthmtn.)	1006.1	0	SSE	3	z_o	54	85	6	5	–	6	4.6	9	1500	0	§2
Lympne ...	1005.8	+2	SE'S	1	z_o	50	97	5	5	8	–	7.8	7.8	450	1	*
Manston ...	1005.4	+8	SE'E	2	bc	50	92	6	5	–	–	4.6	4.6	4000	1	*
Shoeburyness ...	1005.1	+8	SSE	1	bc	52	85	7	2	–	–	2.3	2.3	2500	1	*
Felixstowe ...	1005.6	+14	S'W	2	z_o	50	85	6	5	–	–	10	10	1500	1	2
Gorleston ...	1005.1	+8	SSE	3	f	49	92	3	–	–	–	10	10	<150	1	2
Mildenhall ...	1006.4	+16	S	2	m	50	85	4	5	–	–	9+	9+	800	1	*
Cranwell ...	1007.6	+10	SSE	3	F-	48	97	1	–	–	–	10	10	<150	1	*
Birmingham ...	1006.5	+2	S	3	c	51	85	7	5	7	–	2.3	7.8	1500	0	*
Upper Heyford	1008.5	+4	SSE	2	z_o	49	92	6	5	7	6	2.3	9	800	1	*
Ross-on-Wye	1006.3	0	SE	3	c	51	85	7	5	–	8	4.6	9+	2500	0	*
Portland Bill ...	1006.9	0	S	3	r.r.	51	92	7	5	–	–	10	10	1500	1	3
Plymouth ...	1005.7	+2	E'N	1	c	49	97	8	8	7	–	2.3	9+	2500	1	0
The Lizard ...	1005.0	0	SSE	1	c	50	92	8	8	7	–	7.8	7.8	1500	1	2
Scilly (St. Mary's)	1005.3	+4	–	0	bc	50	85	8	2	6	1	2.3	4.6	2500	1	1
Guernsey ..	1007.9	+2	S'E	2	ir.	53	92	6	8	–	–	10	10	2500	1	1
Pembroke ...	1003.4	0	SSE	1	c	50	97	8	8	2	–	4.6	7.8	2500	1	2
Holyhead ...	1004.1	+6	S	1	c/pr	50	85	7	5	7	–	4.6	9+	2500	1	2
Chester (Sealand)	1005.6	+2	ENE	2	z_o	51	85	6	–	3	1	0	4.6	–	1	*
Manchester ...	1006.1	+8	SE	2	z_o	53	75	5	5	3	5	4.6	9	2500	1	*
Spurn Head ...	1007.1	+2	S'W	3	cF	50	97	1	5	–	–	10	10	<150	1	2
Catterick ...	1006.6	+10	SE	2	z_o	50	92	5	5	–	–	10	10	800	0	*
Tynemouth ...	1006.7	+10	S	2	o	48	97	5	5	–	–	10	10	800	0	1
Inchkeith ...	1005.5	0	NE	2	F+	47	97	1	–	–	–	10	10	<150	1	1
Leuchars ...	1006.2	+6	NE	2	z_o	47	97	5	5	–	–	10	10	<150	1	*
Renfrew (Abbotsl.)	1004.9	+6	ENE	3	r.r.	50	92	5	5	2	–	9	9	1500	1	*
Eskdalemuir ...	1005.6	+6	SE	2	c	49	92	6	5	1	–	9+	10	800	0	*
Point of Ayre ...	1004.4	+2	S	3	c	51	97	8	8	6	–	7.8	10	800	1	1
Tiree	1003.5	+10	S	2	F+	46	97	1	–	–	–	10	10	<150	1	2
Stornoway ...	1004.5	+6	SSE	3	c	51	85	7	5	7	–	7.8	9+	1500	1	2
Dalwhinnie ...	*	+8	S	2	c	47	75	7	4	6	–	7.8	9+	2500	0	*
Aberdeen ...	1007.5	+6	ESE	2	of	46	97	3	–	–	–	10	10	<150	1	2
Wick ...	1007.3	+6	SSE	1	F+	45	97	1	–	–	–	10	10	<150	0	2
Lerwick ...	1007.7	-12	NNE	3	r.r.	47	97	7	9	2	–	7.8	10	800	1	*
Blacksod Point	1001.8	+8	SE	2	bc	50	75	9	3	–	–	4.6	4.6	1500	0	3
Malin Head ...	1003.3	+8	S	1	bc	49	85	7	1	–	–	2.3	2.3	2500	0	2
Aldergrove ...	1003.8	+6	S'W	1	b	47	92	8	5	5	–	Tr	1	<150	1	*
Birr Castle ...	1003.4	+2	SE	1	b	42	97	7	–	–	–	0	0	–	0	*
Valentia Obsy. †	1002.8	0	SE'S	4	bc	48	75	8	2	3	–	2.3	4.6	2500	1	3
Roches Point	1004.1	+6	N	2	bc	46	85	8	3	4	3	2.3	4.6	2500	1	2

PAST 24 HOURS.

Stations	Temperature Max. Day 7h–18h °F. (31)	Temperature Min. Night 18h–7h °F (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 19th Hrs. (36)
London (Kew)	64	45	37	2	*	2.9
Croydon ...	60	47	43	2	Tr	1.6
S. Farnborough	66	48	38	Tr	Tr	3.7
Boscombe Down	65	43	39	Tr	–	6.8
Calshot (Sthmtn.)	65	50	47	–	–	6.8
Lympne ...	53	46	39	0.5	Tr	0.0
Manston ...	53	44	40	Tr	–	0.0
Shoeburyness ...	56	46	38	9	–	0.1
Felixstowe ...	52	48	47	1	–	0.0
Gorleston ...	52	48	46	0.1	0.2	0.0
Mildenhall ...	55	47	44	1	Tr	0.0
Cranwell ...	58	43	37	0.2	Tr	2.5
Birmingham ...	63	47	43	–	–	6.1
Upper Heyford	63	45	39	–	0.4	*
Ross-on-Wye	64	48	44	–	–	4.4
Portland Bill ...	57	51	*	–	0.6	*
Plymouth ...	58	48	41	–	2	7.9
The Lizard ...	58	47	*	0.5	2	*
Scilly (St. Mary's)	56	45	*	1	7	1.7
Guernsey ..	59	49	43	–	0.4	6.4
Pembroke ...	55	46	*	1	3	2.1
Holyhead ...	56	49	46	–	1	5.5
Chester (Sealand)	62	42	40	3	–	3.6
Manchester ...	64	49	45	–	–	4.4
Spurn Head ...	50	47	*	1	Tr	2.0
Catterick ...	61	50	45	–	–	5.2
Tynemouth ...	50	47	45	–	–	6.9
Inchkeith ...	59	45	43	–	3	2.4
Leuchars ...	53	46	46	–	0.6	4.8
Renfrew (Abbotsl.)	63	48	43	–	1	4.0
Eskdalemuir ...	61	39	35	–	0.5	3.6
Point of Ayre ...	60	49	*	–	2	2.1
Tiree	51	46	46	6	4	0.5
Stornoway ...	54	47	*	0.1	0.4	0.0
Dalwhinnie ...	55	43	37	–	–	5.0
Aberdeen ...	49	45	45	–	0.1	0.1
Wick ...	47	44	*	–	–	*
Lerwick ...	51	45	*	–	4	5.7
Blacksod Point	58	44	*	–	Tr	*
Malin Head ...	54	43	*	4	0.5	1.7
Aldergrove ...	54	39	32	5	0.2	0.0
Birr Castle ...	58	35	27	3	–	5.3
Valentia Obsy. †	55	41	39	1	1	5.4
Roches Point	55	40	*	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 (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 18h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h. (To-day)
Kew	18	cdmcm.	bccz	czbczw	64	45	37	2	–	2.9	*	*	7
Croydon	217	ocdrf	dfcmbcz	zmbcw	60	47	43	2	Tr	1.6	*	*	8
Greenwich (Royal Observatory) ..	149	d.mmf	dfgc	bcbwc	59	43	32	2	–	0.5	89	71	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.3	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	61	46	39	2		1.0	87	69	*
Regents Pk. (Botanic Gardens)‡ ..	168	*	*	*	62	47	42	2	–	2.1	81	76	*
Camden Square	110	cdcrc	cbcb	*	62	47	41	3	–	*	*	70	*
Kensington	80	corco	co	*	62	46	39	3	Tr	2.3	At 18h. 69	80	*
Hampstead Observatory	480	or	cbc	bc	59	44	38	1	–	1.8	*	75	*

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	12-14h 19th	0.3	1-2h 20th

Kew Observatory Max.	Time.	Min.	Time.
0.2	9h 19th	0.1	0-6h 20th

FOREIGN OBSERVATIONS

18h. G.M.T. 19th May

Stations	Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.
Paris	1009.4	WNW	2	c	61
Brussels	1008.3	SSW	2	c/p	61
Berlin	1009.3	SW	2	b	72
Zurich	1012.0	N	1	c	68
Rome	1012.9	–	0	c	73

7h. G.M.T. 20th May

Stations	Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1009.8	–	0	f	54	63	52	1	–
Brussels	1010.6	S	2	f+	57	68	*	1	–
Berlin	1015.4	–	0	b	68	73	57	–	1
Zurich	1010.3	NW	1	bc	56	75	*	–	*
Rome	1009.0	SSE	4	c	72	*	*	–	–

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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, 21st May, 1937.
No. 27574.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1007·4	−10	S'E	2	c	63	65	7	8	-	-	9+	9+	2500
	Croydon	1007·5	−8	SSE	2	c	63	65	7	8	-	-	9	9	4000
	S. Farnborough	1007·2	−6	SE'S	3	c	61	65	7	8	-	-	7-8	7-8	4000
	Boscombe Down	1006·9	−6	S	3	c	58	75	7	8	-	-	9+	9+	1500
	Calshot (Sthmtn.)	1007·7	−4	ESE	4	z.	59	85	6	8	3	-	2-3	4-6	2500
	Lympne	1008·5	−6	SE	2	c	59	75	6	8	3	6	4-6	7-8	4000
	Manston	1008·2	−6	E'N	3	c	59	75	6	7	-	-	9	9	2500
2	Shoeburyness	1008·4	−10	E	3	c	57	85	6	5	-	-	9+	9+	4000
	Felixstowe	1009·3	−2	E	2	z.	56	85	6	-	3	3	0	2-3	-
	Gorleston	1009·1	+2	SE	4	m	52	85	4	5	-	-	9+	9+	1500
	Mildenhall	1007·7	−10	SSE	2	c	65	85	8	2	4	-	7-8	7-8	2500
	Cranwell	1007·6	−4	SSE	2	bc	62	65	7	1	-	-	4-6	4-6	2500
3	Birmingham	1007·2	−2	S	2	c	58	65	8	5	7	-	9	9+	2500
	Upper Heyford	1007·4	−10	S	2	c	61	65	8	8	-	-	7-8	7-8	2500
4	Ross-on-Wye	1006·9	0	SW'S	2	ir.	54	85	7	6	1	-	7-8	10	1500
5	Portland Bill	1006·3	−6	SE	3	c	54	92	7	4	-	-	9+	9+	2500
	Plymouth	1005·5	−6	SSE	2	id.	53	92	6	6	7	-	9	9+	800
	The Lizard	1005·4	0	SE	1	bc	57	75	8	8	4	-	2-3	4-6	2500
	Scilly (St. Mary's)	1005·7	+2	W'N	1	jp	55	75	8	8	7	-	7-8	9+	1500
	Guernsey	1006·5	−10	SE'S	2	id	57	75	6	5	1	-	7-8	10	1500
6	Pembroke	1005·7	+4	SSE	1	bc	56	75	8	5	6	1	4-6	4-6	4000
7	Holyhead	1005·9	+6	SSW	3	c	54	75	9	8	7	-	4-6	9+	2500
	Chester (Sealand)	1006·0	+2	ESE	2	c	58	65	7	5	-	-	9+	9+	4000
8	Manchester	1006·7	+2	S	3	c	61	55	8	2	9	-	4-6	9	2500
10	Spurn Head	1008·4	+6	SE'E	3	b	54	85	5	-	-	-	0	0	-
	Catterick	1006·9	−4	S	2	z.	61	65	6	8	-	-	9	9	4000
	Tynemouth	1007·7	0	SE	2	f	48	97	2	5	-	-	10	10	800
11	Inchkeith	1007·0	0	NE	3	z.	50	92	6	5	-	-	9+	9+	1500
	Leuchars	1007·9	+6	ENE	2	z.	50	92	5	5	-	-	10	10	220
12	Renfrew (Abbots I.)	1005·5	−2	SSE	2	z.	58	65	6	8	-	-	10	10	4000
	Eskdalemuir	1005·5	−2	SSE	4	c	58	55	7	5	-	-	9+	9+	2500
	Point of Ayre	1006·1	+4	N	1	c	54	92	8	8	6	-	4-6	7-8	800
13A	Tiree	1004·9	+2	ESE	2	c	52	75	8	5	3	-	7-8	7-8	2500
13B	Stornoway	1005·9	+4	SE	1	c	56	65	8	1	7	3	1	9	1500
15	Dalwhinnie	1006·0	0	S	5	jp	57	55	7	4	-	4	4-6	4-6	4000
	Aberdeen	1008·9	+2	ESE	3	f	47	97	3	-	-	-	10	10	<150
	Wick	1008·2	+6	SE	3	f	46	97	2	-	-	-	10	10	<150
16	Lerwick	1008·2	+4	SW	2	c	51	97	8	8	7	-	7-8	10	800
17	Blacksod Point	1002·5	+6	S	4	c	54	55	8	9	-	-	7-8	7-8	1500
18	Malin Head	1004·1	+2	NE	3	c	50	86	8	8	-	-	9+	9+	2500
	Aldergrove	1004·3	0	NW	1	c	54	65	8	8	-	-	9+	9+	2500
19	Birr Castle	1003·5	0	SSE	1	c	58	55	8	8	-	-	7-8	7-8	2500
20	Valentia Obsy.†	1003·6	0	S	4	bc	55	65	8	2	-	4	2-3	4-6	2500
	Roches Point	1004·9	+2	SSW	3	bc	55	65	9	2	-	-	4-6	4-6	2500

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1006·1	0	E	3	z.	61	75	6	8	-	-	9+	9+	2500	1	*
	Croydon	1005·9	−2	ESE	2	z.	63	75	6	2	7	-	2-3	9	4000	1	*
	S. Farnborough	1005·8	0	SE	3	z.	60	65	6	-	2	7	0	9+	-	0	*
	Boscombe Down	1005·2	−6	S'W	1	c	58	75	7	2	7	-	1	9+	2500	0	*
	Calshot (Sthmtn.)	1006·4	−4	E'S	3	c	56	92	5	0	3	-	0	9	-	0	§ 2
	Lympne	1006·6	−8	NE	2	z.	57	85	6	5	2	-	4-6	10	7200	1	*
	Manston	1006·5	−4	NE	2	z.	54	92	6	5	7	-	2-3	10	2500	1	
2	Shoeburyness	1006·8	−6	NE'E	3	c	57	85	6	2	7	-	2-3	10	2500	1	*
	Felixstowe	1007·3	−6	NE	3	z.	57	85	6	5	2	-	4-6	10	2500	1	2
	Gorleston	1007·6	−10	NNE	3	c	50	92	5	5	-	-	10	10	2500	0	2
	Mildenhall	1006·2	−6	SE	3	c	61	75	7	5	7	-	2-3	9+	5700	0	*
	Cranwell	1006·6	−12	ENE	2	z.	60	75	6	8	7	-	7-8	9+	2500	0	*
3	Birmingham	1005·9	−6	-	0	c	59	65	8	2	7	-	2-3	7-8	2500	0	*
	Upper Heyford	1005·8	−10	-	0	c	61	65	7	5	1	-	4-6	9	2500	1	*
4	Ross-on-Wye	1005·7	−8	W'S	1	jp	57	75	8	6	2	-	7-8	10	2500	1	*
5	Portland Bill	1005·1	−6	ESE	3	f	52	92	3	5	-	-	10	10	<150	1	3
	Plymouth	1004·8	−2	SE'S	3	ir	54	92	6	6	2	-	7-8	10	1500	1	1
	The Lizard	1004·9	+2	NW	2	c	52	75	8	8	6	-	7-8	10	2500	1	2
	Scilly (St. Mary's)	1005·8	0	WNW	2	bc	54	75	8	2	7	5	2-3	4-6	2500	1	1
	Guernsey	1005·4	0	-	0	c	55	85	7	8	2	-	7-8	10	2500	1	1
6	Pembroke	1004·9	−2	NNE	1	c	52	75	8	8	2	-	4-6	9+	2500	1	2
7	Holyhead	1006·0	−2	-	0	bc	55	55	8	2	8	9	2-3	4-6	4000	1	0
	Chester (Sealand)	1006·5	+4	WNW	1	c	55	85	7	5	2	-	7-8	10	4000	1	*
8	Manchester	1006·5	−2	WSW	1	c	59	75	7	5	3	-	4-6	7-8	4000	0	
10	Spurn Head	1007·5	−6	ESE	4	f	48	97	3	5	-	6	7-8	9	<150	0	2
	Catterick	1006·2	0	SSE	1	z	62	65	6	1	3	6	Tr	9+	4000	0	*
	Tynemouth	1007·7	0	SE	2	f	48	97	1	5	-	-	10	10	800	0	1
11	Inchkeith	1006·9	+4	NE	5	F	47	97	1	5	-	-	10	10	<150	0	4
	Leuchars	1007·9	0	ENE	2	f	48	97	3	-	-	-	10	10	<150	1	*
12	Renfrew (Abbots I.)	1006·6	+8	WSW	3	c	56	75	8	5	-	-	10	10	4000	0	*
	Eskdalemuir	1006·2	+4	SW'S	3	c	55	75	7	5	-	-	9+	9+	2500	0	
	Point of Ayre	1006·6	+2	ENE	1	c	52	97	8	8	8	-	2-3	7-8	4000	1	1
13A	Tiree	1005·3	+2	SE	3	c	51	92	8	8	7	-	4-6	9+	1500	1	3
13B	Stornoway	1006·4	−2	NE	4	c	54	75	7	7	3	-	4-6	7-8	2500	0	2
15	Dalwhinnie	1007·7	+4	SE	2	c	54	75	7	4	6	-	4-6	7-8	4000	0	*
	Aberdeen	1003·6	+2	ESE	3	df	47	97	2	-	-	-	10	10	<150	1	2
	Wick	1008·4	+4	SE	3	c	48	97	6	5	2	-	7-8	10	800	0	2
16	Lerwick	1010·8	+24	SW	3	c	49	92	8	8	1	-	7-8	9	800	0	*
17	Blacksod Point	1002·8	+4	S	4	bc	54	55	8	3	4	-	2-3	4-6	2500	0	3
18	Malin Head	1004·6	+4	NNW	1	bc	51	85	8	8	-	-	2-3	2-3	2500	0	2
	Aldergrove	1004·9	+6	SE'S	3	bc	56	65	8	1	-	8	2-3	2-3	2500	1	*
19	Birr Castle	1003·8	−4	SSE	2	bc	59	45	8	1	-	5	2-3	4-6	4000	0	*
20	Valentia Obsy.†	1003·8	+2	SW	3	c/pr	50	85	8	9	-	-	9	9	1500	1	3
	Roches Point	1005·0	−2	WSW	3	bc	55	65	9	2	-	3	4-6	4-6	2500	0	2

PAST 24 HOURS.

District	Stations.	Weather. 7h.—12h. 20th (37)	12h.—18h. 20th (38)	18h.—1h. 20th–21st (39)	1h.—7h. 21st (40)
1	London (Kew)	bcb, c	cz.	cm. r. r.	r. rrr.
	Croydon	bcc	cz.	cz. r. rrrf	rrf o s.
	S. Farnborough	bcebc	cb ccz.	cm. orrm.	rrr. r. m d
	Boscombe Down	cm. c	c	c	cm.
	Calshot (Sthmtn.)	cm bcm	bcm.	cm.	cm.
	Lympne	cbccz.	cz.	omrrRtl	oRRrr.
	Manston	bcc bcm.	cm.	rrtlRRc	tlrrcr.
2	Shoeburyness	cb, cm.	m. c	cm. rr	rrm. c
	Felixstowe	bcbcm.	bccm.	om. tlRR	tlRRr.
	Gorleston	ofbccm	offcz.	oTLRr	off
	Mildenhall	cmzbccy	bcyc	crr TLR	TLrrr. r.
	Cranwell	Febcb	bccz.	cm. rr	TLRRRm
3	Birmingham	bcc	c	cpr.	orr
	Upper Heyford	dm. bcy	cybcc	crc	oRRcrr
4	Ross-on-Wye	c	r. cc	r. c	c
5	Portland Bill	ir. c	coff	off	offc
	Plymouth	cr. Did.	cd. bccr.	• cpvvc	cbc
	The Lizard	cprbc	bcc	cbc	bcpr.
	Scilly (St. Mary's)	bcc	p. cbc	bccbc	p. bcv
	Guernsey	cr. id	cdir.	cod.	d. pr.
6	Pembroke	cbc	bcc	c	cbc
7	Holyhead	ir. prc	c, bcy	ber. ds	ir. c
	Chester (Sealand)	bcm. c	cir.	cr. RRm.	RRrrm.
8	Manchester	cw m. c	cpr. c	ccm.	cm. rr
10	Spurn Head	fmz	zcf	fmpro	frclt
	Catterick	m. fm. cz	pr. z cy	cz. bcm.	TLRur
	Tynemouth	off	oFF	oFF	oRRtlff
11	Inchkeith	fz.	z. rfF	rfF	frr
	Leuchars	omfom	mdrff	offr. m.	or. r. m.
12	Renfrew (Abbots I.)	r. m. bccr	cz. c	cr. r. m. c	m. ccr. r.
	Eskdalemuir	ccy	cyc	c	cotlrr
	Point of Ayre	eptc	c	cir. c	oRrr
13A	Tiree	cir.	cir	c	cir.
13B	Stornoway	c	c	c	pr. c
15	Dalwhinnie	cbc	c		crr
	Aberdeen	id. off	ifid.	offd.	offd.
	Wick	of	off m.	Ff m.	ofe
16	Lerwick	c r. r.	c	cdif m.	oc
17	Blacksod Point	pr. c	bc	bc	pr. c
18	Malin Head	bcc	cprbc	cbc	c
	Aldergrove	bcpr. c	cybc	bcc	cc r. r.
19	Birr Castle	bbccy	cbcy	bc	bcx
20	Valentia Obsy.†	bcc prbc	bcphrprc	cprbc	pr. bcb
	Roches Point	bcv	bcv	cprbc	bcb

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 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.*

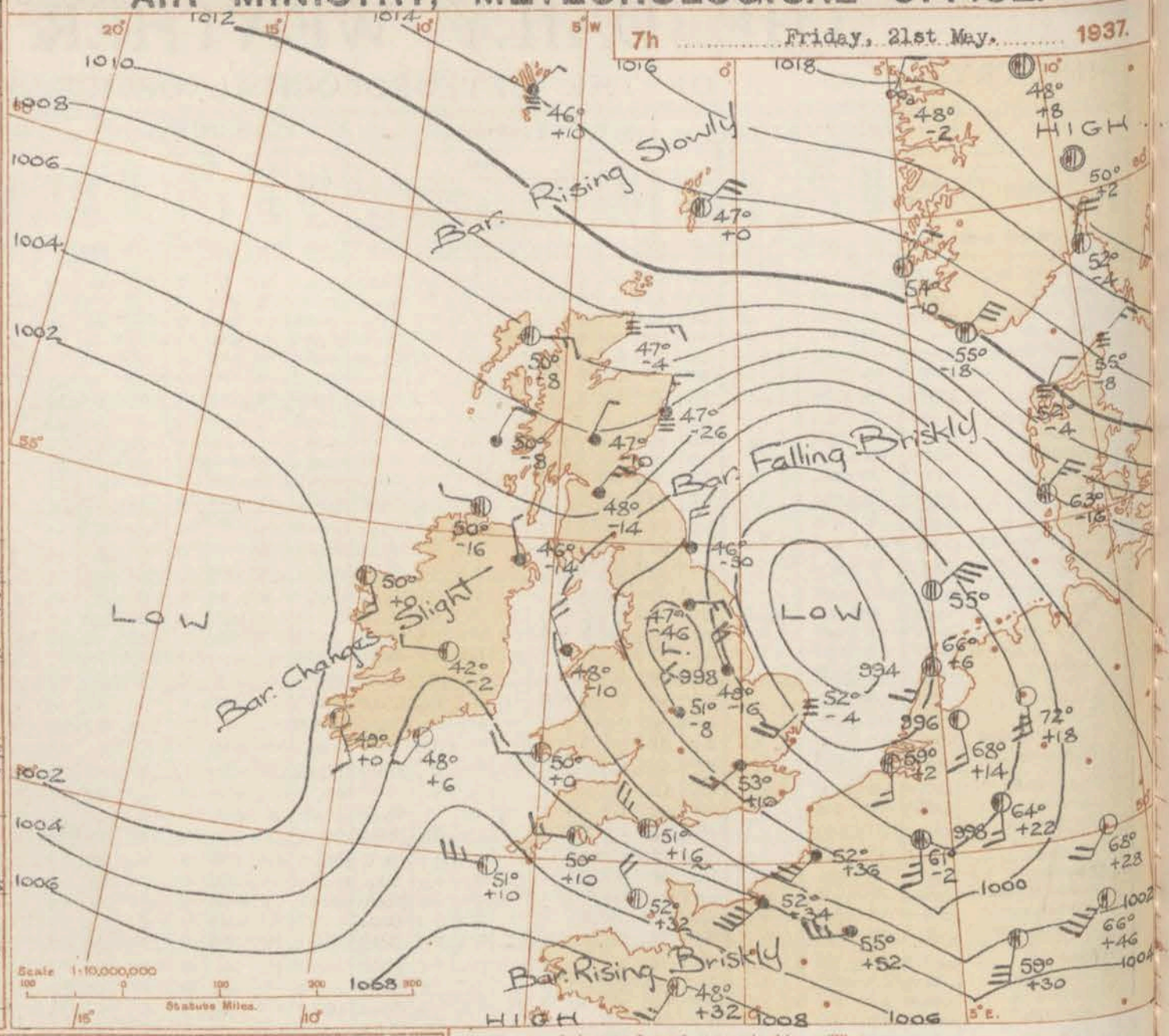
† Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for Thursday, 20th May, 1937.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. °F Min. 9h. 20th to 9h. 21st	Temperature. °F Max. 9h.–17h. 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.	bbc	bcobc	47	66	–	–	5·2	0·7
	Bournemouth	cbc	bco	48	60	–	–	1·0	7·9
	Ventnor ...	obc	cobcz	49	62	–	–	4·3	5·0
	Southsea ...	bcb	bcz	48	60	–	–	6·5	6·6
	Bognor Regis	bcbc	bcbc	51	59	–	–	7·3	3·6
	Littlehampton	cbc	bcc	50	60	–	–	6·5	3·5
	Worthing ...	b	bbcc	49	59	–	–	5·6	2·5
	Brighton ...	b	bc	49	59	–	–	4·9	1·5
	Eastbourne† ..	cbc	bcco	49	58	0·1	–	4·4	1·6
	Hastings† ...	bcbcc	bcc	49	61	Trace	–	3·4	0·0
	Folkestone ...	cbcz	bcco	48	61	–	–	3·5	0·0
	Dover ...	mc(bc	fbccm	49	53	Trace	–	2·7	0·0
	Deal	c	cp	48	60	–	–	3·6	0·0
	Ramsgate ...	bcm	bccm	48	58	–	–	3·5	0·0
	Margate ...	bcc	bcc	48	57	–	–	4·3	0·0
2	Southend ...	bcb	bbcco	47	62	Trace	–	5·9	0·0
	Maldon ...	bcb	bbcc	45	61	–	–	6·0	0·1
	Clacton-on-Sea	cbc	bccom	49	58	–	–	4·2	0·0
	Dovercourt ...	bc	bcoom	48	57	Trace	–	5·8	0·0
	Lowestoft ...	cbcc	bccm	47	57	0·1	–	4·1	0·0
	Skegness ..	ombcb	bbc	48	57	–	–	5·1	0·2
	Mablethorpe...	ocbc	bcbbc	46	58	Trace	–	5·3	0·0
	Cleethorpes ...	bcm	bc	48	59	–	–	5·0	0·0
3	Leamington S.	cbc	bcc	48	63	2	–	3·5	5·3
4	Cheltenham†	oc	c	47	60	1	–	0·8	6·0
5	Bath	cpc	cpc	49	61	0·5	0·3	0·4	4·0
	Weymouth ...	rcm	pcm	50	55	2	0·6	0·0	12·7
	Jersey ...	co	cbc	50	61	–	–	1·0	4·4
	Torquay ...	orp	pbccp	49	58	3	1	0·3	12·2
	Penzance ...	bbc	bbcbc	43	59	5	–	8·7	3·6
	St. Ives ...	c	pr	44	57	7	Trace	6·6	2·9
	Bude... ...	bcc	bpr	48	54	7	3	0·6	6·7
	Ilfracombe ...	cpoc	corr	49	55	2	4	1·1	4·2
6	Aberystwyth	brrbc	cbcc	48	56	6	–	1·7	6·2
7	Llandudno ...	cbc	p	50	57	2	Trace	1·4	5·7
	Colwyn Bay ...	cbcbc	bccd	48	62	1	Trace	1·7	6·3
	Rhyl	cbcc	crac	49	60	0·3	Trace	1·7	6·1
8	Wallasey ...	bccbc	cor	46	59	–	0·5	2·5	3·8
	Southport ...	ocbccc	cpcp	44	61	–	0·3	4·0	1·7
	Blackpool ..	c	copc	45	61	–	1	3·0	2·8
	Morecambe ..	bccbc	cbcc	47	63	1	–	3·3	3·5
9	Ilkley... ...	cbcbc	bcbc	48	65	–	–	5·0	6·1
	Harrogate ...	cbc	bcc	47	64	–	–	4·1	6·5
10	Berwick-on-T.	omom	omcmo	45	50	–	–	0·3	9·0
11	Dunbar ...	omo	omo	44	58	–	–	1·8	9·9
12	Troon... ...	rococ	cocbc	52	56	1	–	1·3	0·
	Douglas ...	cbrc	cb	48	54	4	0·5	2·7	3·6

† 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. 21st May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Moderate westerly winds; occasional rain at first; bright periods later; rather warm.
4 W. Midlands ... 5 S.W. England 6 South Wales ...	Moderate westerly winds; bright periods and scattered showers; rather warm inland.
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.	As 1 - 3.
13 A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Fresh west or northwest winds; cloudy; dull at times with periods of rain and thunder locally; becoming fairer later; average temperature.
17 N. W. Ireland	As 4 - 6.
18 N. E. Ireland	As 1 - 3.
19 S. E. Ireland 20 S. W. Ireland	Light variable winds; bright periods and scattered showers; rather warm inland.

GENERAL INFERENCE.

A depression west of Ireland will drift southeast and a deep depression over the North Sea will move rapidly northwards. There will be periods of rain in many districts but in Ireland and the Southwest it will be mainly fair apart from local showers and these fairer conditions will spread northeastwards.

FURTHER OUTLOOK.

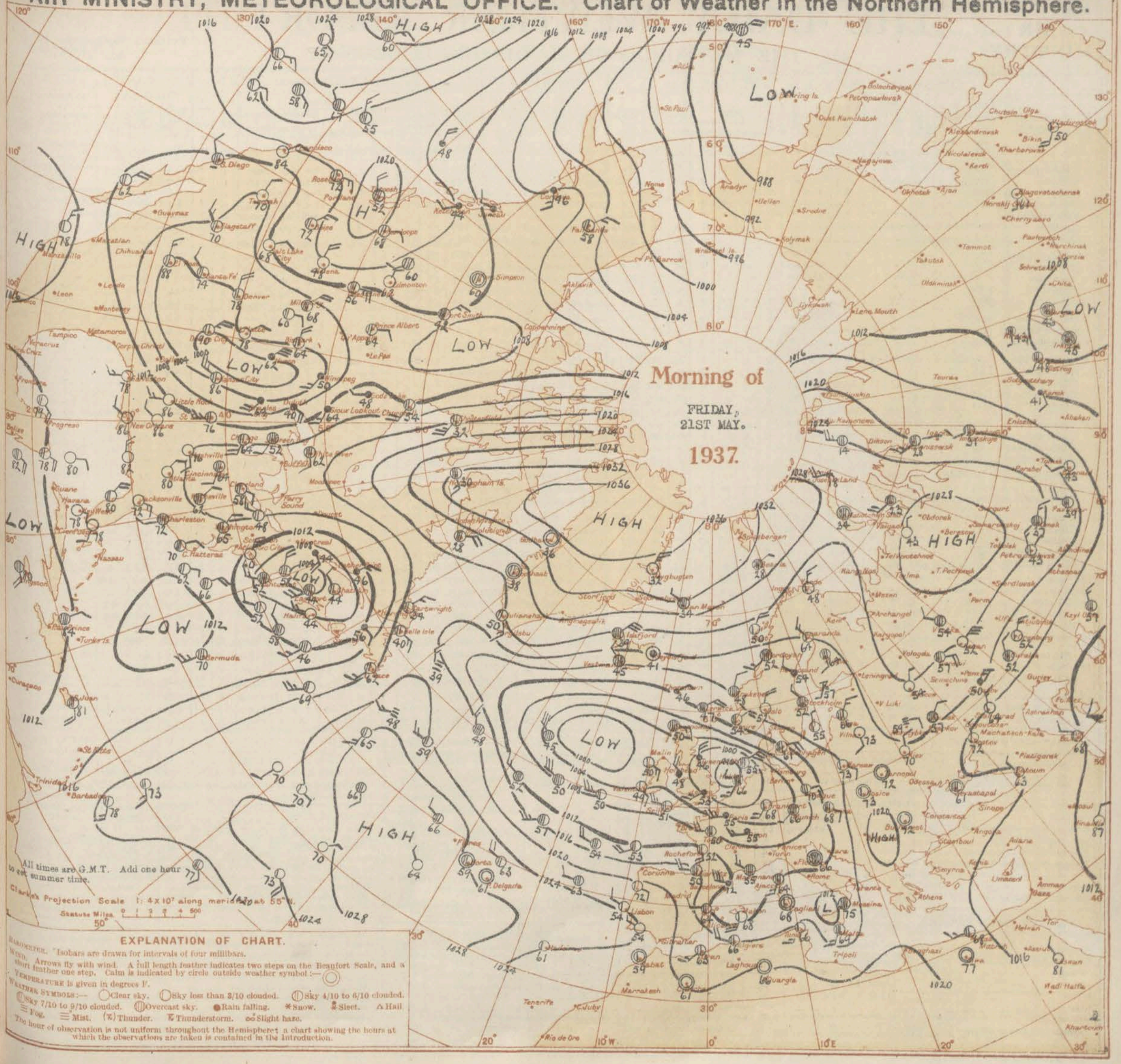
Fair periods and showers in most districts.

Forecasts issued at 1000 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.



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 21st May, 1937.
No. 27574.

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

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	1000.4	-34	NW'W	2	rrf	53	97	3	-	-	-	10	10	<150
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	998.3	-58	NNW	4	r/tlr	52	97	5	6	2	-	9+	10	450
	Manston	142	997.1	-54	NNW	4	tlr_0	53	97	5	6	-	-	9+	9+	~~450~~ 220
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	998.8	-70	NNE	5	TLR	53	97	5	6	-	-	10	10	450
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1002.4	-14	WNW	3	f	50	92	2	5	-	-	10	10	<150
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1005.2	-6	W	4	bc	49	85	8	5	4	-	2-3	4-6	2500
	Scilly (St. Mary's)	163	1005.5	-12	W	4	bc	48	75	8	4	4	3	2-3	4-6	2500
	Guernsey	175	1004.0	-6	NW'W	2	d_0d_0	50	92	7	5	-	-	10	10	1500
6	Pembroke	142	1004.1	-8	NNE	2	c	49	85	7	8	-	-	9+	9+	2500
7	Holyhead	26	1004.3	-14	N	2	c/d	50	75	8	5	2	-	4-6	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1002.5	-32	N'E	4	o	47	97	6	5	-	-	10	10	1500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	106	1006.9	-12	SE	2	F	45	97	1	5	-	-	10	10	800
11	Inchkeith	190	1006.5	0	NE	3	F	47	97	1	-	-	-	10	10	<150
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	1005.7	-8	S	2	c	50	92	8	-	2	·	0	10	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	80	1007.5	+10	SSE	1	c	50	92	7	5	7	-	7-8	10	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	77	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1011.0	+6	SE	4	z_0	46	97	5	5	-	-	10	10	450
16	Lerwick	156	1014.0	+10	S	3	o	46	97	7	5	-	-	10	10	450
17	Blacksod Point	18	1003.1	0	S	3	bc	48	75	8	3	-	-	4-6	4-6	2500
18	Malin Head	82	1005.2	-8	E	1	c	50	75	7	8	5	-	4-6	9	2500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1003.9	-2	SW'S	3	bc/pr	47	97	8	8	-	-	4-6	4-6	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)
London (Kew)	1000.4	+20	WSW	2	r_0r_0	54	92	6	6	2	-	9+	10	1500	1	*
Croydon	999.8	+10	WSW	3	r_0r_0	53	97	6	6	7	-	4-6	10	1500	1	*
S. Farnborough	1000.5	+18	W'S	3	r_0r_0	52	92	5	-	2	-	10	10	450	1	*
Boscombe Down	1001.3	+10	W	4	z_0	51	85	6	5	2	-	4-6	10	2500	0	*
Calshot (Sthmtn.)	1001.8	+12	W	4	z_0	53	85	6	5	7	-	4-6	10	4000	0	§2
Lympne	999.9	+28	W'S	3	rr	52	97	4	6	2	-	9+	10	450	1	§2
Manston	997.8	+18	WNW	4	c/r	53	92	6	6	2	-	~~7-8~~ 9	10	450	1	*
Shoeburyness	998.4	+4	W	3	c	53	92	6	6	2	-	4-6	10	1500	1	*
Felixstowe	996.7	+14	WNW	4	r_0r_0	51	92	7	6	2	-	9	10	800	1	3
Gorleston	995.1	-4	WSW	4	f	52	97	3	-	-	-	10	10	<150	1	3
Mildenhall	997.2	+6	NW	4	d_0d_0	50	97	5	6	-	-	10	10	800	1	*
Cranwell	998.4	-16	NW	4	id_0	49	97	6	6	7	-	9	10	450	1	*
Birmingham	1000.2	-8	NW	3	rr	51	97	5	5	-	-	10	10	800	1	*
Upper Heyford	1000.4	+2	W'N	2	r_0r_0	52	97	5	6	2	-	7-8	10	800	1	*
Ross-on-Wye	1001.3	0	WNW	3	c	51	85	8	5	2	-	4-6	10	2500	0	*
Portland Bill	1003.2	+16	WNW	5	c	51	85	8	4	4	-	4-6	7-8	2500	1	4
Plymouth	1005.7	+10	W'N	3	bc	50	75	8	2	-	4	1	4-6	2500	1	1
The Lizard	1006.0	+6	WSW	5	bc	50	75	8	3	6	-	4-6	4-6	2500	1	3
Scilly (St. Mary's)	1006.5	+10	W'N	5	jp	51	75	8	8	6	-	2-3	4-6	2500	1	3
Guernsey	1006.3	+32	NW'W	4	c	52	75	7	8	2	-	4-6	9	2500	1	3
Pembroke	1002.8	0	W	2	bc	50	85	8	5	6	-	2-3	4-6	4000	1	1
Holyhead	1001.8	-10	NW'N	4	r_0r_0	48	92	7	5	2	-	4-6	10	4000	1	2
Chester (Sealand)	1000.2	-12	W	2	rr	51	92	5	-	2	-	10	10	800	1	*
Manchester	999.8	-12	NW'W	1	rr	52	92	5	6	2	-	9	10	1500	1	
Spurn Head	994.7	-10	NW'N	5	q	50	97	4	5	-	-	10	10	450	2	4
Catterick	998.3	-46	NNE	3	ir	47	92	6	6	2	-	7-8	10	1500	1	*
Tynemouth	998.4	-50	N	4	cr	46	97	5	6	-	-	10	10	800	1	2
Inchkeith	1005.2	-12	NE	4	RR	46	97	7	8	-	-	10	10	1500	1	3
Leuchars	1005.3	-20	NE	2	r_0r_0	47	97	6	5	-	-	10	10	220	1	*
Renfrew (Abbots I.)	1004.1	-14	ENE	3	r_0r_0	48	92	6	6	-	-	10	10	800	1	*
Eskdalemuir	1001.5	-30	NNE	3	r/tlr	44	97	6	-	2	-	0	10	450	1	
Point of Ayre	1001.5	-18	N'E	3	rr	49	97	7	6	-	-	10	10	1500	1	2
Tiree	1004.2	-8	NE	2	ir_0	50	92	6	5	2	-	4-6	10	1600	1	2
Stornoway	1006.6	-8	E	3	c	50	85	6	5	-	-	10	10	1600	1	2
Dalwhinnie	1006.1	-10	NE	1	rr	47	92	5	4	1	-	4-6	10	1500	1	*
Aberdeen	1006.3	-26	NNE	3	rf	47	97	3	-	-	-	10	10	<150	1	2
Wick	1008.8	-4	E	3	F	47	97	0	-	-	-	10	10	<150	1	2
Lerwick	1013.8	0	ENE	4	c	47	92	8	5	2	-	9	10	800	0	*
Blacksod Point	1003.0	0	SE	3	bc	50	75	8	2	4	-	2-3	2-3	2500	0	2
Malin Head	1003.1	-16	W	1	jp	50	75	7	8	2	-	4-6	9	1500	0	0
Aldergrove	1003.2	-14	NNW	1	r_0r_0	46	92	7	5	2	-	1	10	1500	1	*
Birr Castle	1004.0	-2	W	1	bc	42	97	7	5	-	-	2-3	2-3	4000	0	*
Valentia Obsy. †	1003.8	0	SE	2	b	49	85	8	3	-	-	1	1	2500	1	2
Roches Point	1004.5	+6	SW	1	b	48	85	9	2	-	-	1	1	2500	1	1

PAST 24 HOURS

Stations	Temperature Max. Day 7h–18h °F. (31)	Temperature Min. Night 18h–7h °F. (32)	Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 20th Hrs. (36)
London (Kew)	66	53	52	-	14	6.4
Croydon	65	53	51	-	13	5.6
S. Farnborough	64	52	51	-	11	6.5
Boscombe Down	61	49	45	-	-	1.1
Calshot (Sthmtn.)	60	52	50	-	-	5.9
Lympne	60	51	51	-	26	3.7
Manston	61	51	51	-	20	4.1
Shoeburyness	59	51	51	-	17	5.2
Felixstowe	57	51	50	-	35	5.7
Gorleston	52	49	48	-	15	2.9
Mildenhall	66	50	50	-	22	5.7
Cranwell	65	48	47	Tr	19	6.3
Birmingham	62	49	49	-	6	2.8
Upper Heyford	63	51	50	-	11	*
Ross-on-Wye	59	50	48	0.2	0.1	0.2
Portland Bill	55	49	*	1	-	*
Plymouth	58	47	42	1	4	1.4
The Lizard	58	48	*	0.2	Tr	*
Scilly (St. Mary's)	56	47	*	0.5	Tr	8.2
Guernsey	59	50	46	0.3	0.1	0.0
Pembroke	57	46	*	-	3	8.6
Holyhead	57	48	45	0.1	0.6	4.2
Chester (Sealand)	59	50	49	Tr	14	2.8
Manchester	61	50	47	Tr	4	2.0
Spurn Head	55	46	*	-	22	5.0
Catterick	65	46	44	Tr	21	4.3
Tynemouth	49	45	44	-	27	0.3
Inchkeith	52	45	45	1	5	0.4
Leuchars	51	46	46	0.2	1	6.0
Renfrew (Abbots I.)	62	47	47	Tr	2	1.4
Eskdalemuir	61	44	39	-	9	3.4
Point of Ayre	57	47	*	0.1	10	1.7
Tiree	53	46	44	1	Tr	1.6
Stornoway	59	48	*	-	Tr	4.7
Dalwhinnie	59	45	42	-	2	5.3
Aberdeen	48	46	45	0.2	0.6	0.0
Wick	48	45	*	-	Tr	[illegible]
Lerwick	53	44	*	1	-	3.2
Blacksod Point	55	45	*	0.1	Tr	*
Malin Head	54	47	*	0.4	-	11.2
Aldergrove	57	43	36	Tr	0.3	7.6
Birr Castle	59	36	28	0.3	-	10.3
Valentia Obsy. †	56	41	34	3	1	8.6
Roches Point	57	43	*	-	0.5	*

LONDON OBSERVATIONS

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

Station	Height above M.S.L. in feet	Weather (24 hrs. ended 9h.) Morning	Afternoon	Night	Temperature Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h. (To-day)
Kew	18	bcb_1c	cz_0	$cm_0r_0r_0$	66	53	52	-	14	6.4	*	*	6
Croydon	217	bcc	cz_0	$cz_0r_0r_0rrf$	65	53	51	-	13	5.6	*	*	5
Greenwich (Royal Observatory)	149	bc	c	$crRrrr_0$	67	52	50	-	18	5.7	70	95	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	5.1	*	*	*
Westminster (St. James Park)	27	*	*	*	64	53	52	15		5.4	67	93	*
Regents Pk. (Botanic Gardens)‡	168	*	*	*	65	52	52	-	16	6.4	53	93	*
Camden Square	110	bc	c	*	66	53	53	-	17	*	*	93	*
Kensington	80	bc	bc	*	63	53	52	Tr	16	5.2	At 18h. 77	97	*
Hampstead Observatory	450	bc	bc	corr	62	50	44	-	18	6.7	*	97	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

	Max.	Time.	Min.	Time.
SOUTH KENSINGTON.	0.3	18-20h 20th	<0.3	1-3hrs 21st
KEW OBSERVATORY.	0.2	21hr 20th	<0.1	8-14h 20th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 20th May Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 21st May 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	1002.1	NNW	3	r_0r_0	64	1004.3	W	5	r_0r_0	55	70	54	1	21
Brussels	1003.7	NE	3	c	68	991.6	S	5	c	61	72	55	-	7
Berlin	1011.2	E	3	bc	79	1005.7	ESE	4	c	72	82	64	-	-
Zurich	1002.3	ESE	3	c	72	1006.3	W	2	bc	55	82	*	-	-
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 ,,	6¼ ,,
7 Good ,,	12½ ,,
8 Very good ,,	31 ,,
9 Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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, 22nd May, 1937.

No. 27575.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	°Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0-10 (12)	Cloud. Amount. Total 0-10 (13)	Height of Base (feet) (14)	Sun-shine 20th Hrs. (36)
1	London (Kew)	1006·3	+42	WSW	4	c	58	55	8	8	–	–	9	9	2500	6·4
	Croydon ...	1006·3	+38	SW'W	5	bc	55	55	8	2	6	–	4-6	4-6	2500	5·6
	S. Farnborough	1006·5	+40	W'S	4	bc	55	55	8	8	–	1	4-6	4-6	4000	6·5
	Boscombe Down	1006·4	+30	W'S	4	pr	56	65	7	8	–	–	7-8	7-8	1500	1·1
	Calshot (Sthmtn.)	1007·4	+28	SW'S	6	b	55	68	8	7	–	–	1	1	4000	5·9
	Lympne ...	1007·4	+42	SW'W	4	c	56	76	8	8	–	–	9	9	1500	3·7
	Manston ...	1006·2	+48	SW	4	c	60	65	6	8	7	–	7-8	9	800	4·1
2	Shoeburyness ...	1005·6	+38	WSW	3	c	61	65	7	8	7	3	4-6	7-8	2500	5·2
	Felixstowe ...	1004·5	+36	WSW	4	z_o	60	65	6	8	4	1	4-6	9	1500	5·7
	Gorleston ...	1002·9	+30	SW	4	c	57	75	6	9	–	–	10	10	2500	2·9
	Mildenhall ...	1003·7	+42	SW'W	4	c	56	85	8	8	1	–	7-8	10	2500	5·7
	Cranwell ...	1001·6	+30	SW'W	5	c/pr	57	85	6	8	–	–	9	9	2500	6·3
3	Birmingham ...	1004·3	+26	W	4	c	53	65	8	9	–	–	9+	9+	2500	2·8
	Upper Heyford	1005·4	+34	SW	4	c	57	65	8	8	7	–	4-6	7-8	1500	*
4	Ross-on-Wye	1004·9	+20	SW'W	5	bc	53	45	8	2	–	–	4-6	4-6	4000	0·2
5	Portland Bill ...	1005·2	+22	WSW	5	bc	53	75	8	4	–	–	4-6	4-6	2500	*
	Plymouth ...	1008·0	+14	SW'S	6	bc	55	65	8	8	4	–	2-3	4-6	4000	1·4
	The Lizard ...	1008·2	+8	SW'S	5	bc	57	75	8	8	6	–	4-6	4-6	2500	*
	Scilly (St. Mary's)	1007·5	0	SW	5	pr	55	75	8	3	6	–	4-6	4-6	1500	8·2
	Guernsey ...	1010·9	+26	W'S	4	bc	57	65	9	1	–	–	2-3	2-3	2500	0·0
6	Pembroke ...	1003·4	+2	WSW	3	bc	53	65	9	5	7	–	2-3	4-6	4000	8·6
7	Holyhead ...	1002·4	+4	SW	4	bc	55	65	9	1	3	8	1	4-6	2500	4·2
	Chester (Sealand)	1002·6	+22	W'S	3	c	53	75	8	5	2	–	4-6	9+	2500	[illegible]
8	Manchester ...	1001·9	+30	W'S	5	c	50	75	7	9	–	–	10	10	1500	2·0
10	Spurn Head ...	999·2	+20	WSW	3	c	56	85	6	9	2	–	7-8	9+	1500	5·0
	Catterick ...	997·9	+18	W	2	c	53	89	8	9	7	–	9	10	2500	4·3
	Tynemouth ...	996·1	+10	W	3	rr	49	92	5	6	–	–	10	10	800	0·3
11	Inchkeith ...	996·5	-16	ENE	2	rF	48	97	1	5	–	–	10	10	<150	0·4
	Leuchars ...	996·7	-16	NE	2	r_o	49	97	5	–	2	–	10	10	220	0·0
12	Renfrew (Abbots L.)	997·7	-22	WNW	3	i_o	51	85	6	5	–	–	10	10	4000	1·4
	Eskdalemuir ...	997·3	-4	WNW	4	c	49	85	6	5	2	–	7-8	10	1500	3·4
	Point of Ayre ...	1000·0	-4	NW'W	5	c/r	50	97	8	8	1	–	7-8	10	2500	1·7
13a	Tiree ...	999·9	-16	NNE	1	dd	51	92	7	5	2	–	4-6	10	1500	[illegible]
13b	Stornoway ...	1000·7	-40	NE	6	RR	49	92	5	9	2	–	7-8	10	1500	4·7
15	Dalwhinnie ...	998·2	-30	NE	1	rr	48	92	5	6	–	–	10	10	800	5·3
	Aberdeen ...	998·4	-30	ENE	5	rr	49	92	6	6	–	–	10	10	220	0·0
	Wick ...	1001·4	-40	ENE	6	rr	48	97	6	5	2	–	9	10	800	*
16	Lerwick ...	1000·3	-26	ENE	6	o	49	97	6	5	–	–	10	10	450	5·2
17	Blacksod Point	1001·4	-6	W	3	bc	55	55	9	2	–	3	2-3	4-6	2500	*
18	Malin Head ...	1000·5	-16	WNW	1	i_o	49	85	7	9	2	–	4-6	9+	1500	11·2
	Aldergrove ...	1000·9	-14	W'N	2	r_o	51	85	9	5	7	–	2-3	9+	1500	7·6
19	Birr Castle ...	1002·3	-6	NW	1	bc	58	55	8	2	–	–	4-6	4-6	4000	10·3
20	Valentia Obsy. †	1002·9	-2	SW'S	3	bc	54	75	8	3	–	–	4-6	4-6	1500	8·6
	Roches Point	1003·2	-10	SW	3	bc	55	75	9	3	4	3	4-6	4-6	1500	*

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	°Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Cloud. Form. Med. (24)	Cloud. Form. High (25)	Cloud. Amount. Low 0-10 (26)	Cloud. Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	1011·1	+28	SSW	4	bc	58	65	8	8	–	–	4-6	4-6	2500	1	*
	Croydon ...	1010·9	+26	SW'S	5	bc	56	65	8	2	–	–	2-3	2-3	4000	1	*
	S. Farnborough	1011·0	+22	SW	4	b	55	65	8	1	–	–	1	1	4000	1	*
	Boscombe Down	1010·8	+26	SW'W	4	bc	56	65	8	7	–	–	4-6	4-6	2500	1	*
	Calshot (Sthmtn.)	1012·1	+36	SW'S	5	b	56	75	8	7	–	–	1	1	4000	0	§3
	Lympne ...	1013·1	+30	SW	5	b	53	65	8	2	–	1	Tr	Tr	4000	1	§4
	Manston ...	1011·7	+22	SW	5	bc	55	65	8	1	–	1	1	2-3	1500	1	*
2	Shoeburyness ...	1011·1	+30	SW'S	4	bc	57	65	8	2	–	–	2-3	2-3	4000	1	*
	Felixstowe ...	1010·2	+22	SSW	4	bc	58	65	7	8	1	3	4-6	4-6	1500	1	3
	Gorleston ...	1009·0	+32	SW	2	bc	59	92	7	1	–	1	1	2-3	4000	1	2
	Mildenhall ...	1009·0	+28	SW	5	b	57	65	8	4	–	–	1	1	4000	1	*
	Cranwell ...	1007·1	+22	SSW	4	bc	56	65	8	8	6	–	4-6	4-6	4000	1	*
3	Birmingham ...	1008·0	+28	SW	4	bc	57	45	8	7	–	–	2-3	2-3	2500	1	*
	Upper Heyford	1009·6	+28	SW	4	bc	56	55	8	8	–	8	2-3	2-3	2500	1	*
4	Ross-on-Wye	1009·2	+26	SW	4	c	54	65	8	8	6	3	4-6	7-8	4000	0	*
5	Portland Bill ...	1011·6	+28	SW	4	bc	53	85	8	4	–	–	2-3	2-3	2500	1	3
	Plymouth ...	1010·3	+12	SW'S	5	c	53	85	8	8	4	3	4-6	7-8	4000	1	3
	The Lizard ...	1010·1	+12	SW'S	5	bc	55	85	8	8	4	–	2-3	4-6	2500	1	3
	Scilly (St. Mary's)	1008·9	+4	SW	5	bc	55	75	8	2	7	3	2-3	4-6	1500	1	3
	Guernsey ...	1012·9	+12	W'S	4	bc	57	65	9	7	3	–	4-6	4-6	2500	0	3
6	Pembroke ...	1006·0	+6	SW	5	q	52	85	8	8	8	–	4-6	7-8	4000	1	3
7	Holyhead ...	1004·6	+16	SSW	5	bc	53	75	9	2	8	–	1	2-3	4000	1	3
	Chester (Sealand)	1006·[illegible]	+16	SSW	4	bc	57	45	8	8	–	–	2-3	2-3	2500	1	*
8	Manchester ...	1005·6	+18	SW	4	pr	56	55	8	8	–	–	9	9	2500	1	
10	Spurn Head ...	1006·8	+40	WSW	3	bc	56	75	7	–	7	–	0	2-3	–	1	3
	Catterick ...	1004·9	+28	SW'W	4	bc	54	65	8	1	4	9	2-5	4-6	4000	1	*
	Tynemouth ...	1002·4	+48	W	4	c	54	65	6	9	–	–	9	9	800	1	2
11	Inchkeith ...	999·5	+8	SW	5	c	51	85	7	5	6	–	4-6	7-8	1500	1	3
	Leuchars ...	998·3	+22	SW	3	c/r	52	92	8	6	2	–	7-8	9+	800	1	*
12	Renfrew (Abbots L.)	1000·5	+22	SW	3	c	50	85	7	5	–	–	10	10	4000	1	*
	Eskdalemuir ...	1001·8	+34	SW'W	4	c/pr	48	85	6	9	–	–	10	10	1500	1	
	Point of Ayre ...	1002·8	+16	SW'W	4	bc	56	85	8	4	4	–	2-3	2-3	4000	1	2
13a	Tiree ...	998·7	0	W'S	3	c	49	85	7	5	2	–	9+	10	1500	1	3
13b	Stornoway ...	996·8	-20	SE	3	rr	50	97	6	5	2	–	9	10	1500	1	2
15	Dalwhinnie ...	997·8	+6	SW	2	ir	47	92	7	5	–	–	10	10	2500	1	*
	Aberdeen ...	997·6	0	SE'E	2	df	47	97	2	–	–	–	10	10	<150	1	2
	Wick ...	999·0	-12	E	6	DD	49	97	4	5	2	–	9	10	800	1	4
16	Lerwick ...	1005·8	-20	ENE	7	c/pr	49	92	7	8	7	–	7-8	10	800	1	*
17	Blacksod Point	1001·0	-6	SW	4	c	52	65	9	9	–	–	7-8	7-8	2500	0	3
18	Malin Head ...	1000·5	-2	WNW	2	bc	52	85	7	8	3	3	2-3	4-6	1500	0	0
	Aldergrove ...	1000·6	-2	WSW	1	bc	59	55	9	2	6	–	2-3	4-6	2500	1	*
19	Birr Castle ...	1002·2	+8	S	1	c/pr	52	85	8	8	–	–	9	9	2500	1	*
20	Valentia Obsy. †	1003·8	+8	SW'W	4	c	53	65	9	2	–	–	7-8	7-8	2500	1	2
	Roches Point	1004·1	+8	WSW	3	bc	56	85	9	3	–	–	4-6	4-6	1500	1	3

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 21st (37)	Weather. 13h.—18h. 21st (38)	Weather. 18h. 21st to 1h. 22nd (39)	Weather. 1h.—7h. 22nd (40)
1	London (Kew)	crrqm	cyprbc	bcb	bcc
	Croydon ...	crdc	bccypr	bw	bcwc
	S. Farnborough	orrmc	cpcbcyb	bbwbc	bcc
	Boscombe Down	cmcpic	cpicbc	bcbbc	bccpcrc
	Calshot (Sthmtn.)	cmcy	b	bcprbc	bccpr
	Lympne ...	rrfrc	cb	bcw	bwc
	Manston ...	icrbccm	cmbcy	bw	bcwc
2	Shoeburyness ...	irebc	bccyb	b	bwc
	Felixstowe ...	rrcm	bcymbc	bcbbc	bcc
	Gorleston ...	ofcpr	cbc	b	bc
	Mildenhall ...	cmid	czbcby	b	bzwbc
	Cranwell ...	cmd	cmcb	bcb	bmbc
3	Birmingham ...	oirc	cbc	bc	bc
	Upper Heyford	crrm	cbcy	bcycprbc	bcmw
4	Ross-on-Wye	cbc	bcy	bccpcP	cbcc
5	Portland Bill ...	bc	bc	cbc	orr
	Plymouth ...	bc	ccprbc	bccbbc	corRrr
	The Lizard ...	bc	bcpr	bcc	crr
	Scilly (St. Mary's)	bcp	PHRq	bccir	irrbc
	Guernsey ...	bccbc	bc	bcPRc	corr
6	Pembroke ...	bcv	bccprq	bcprqc	crrmqc
7	Holyhead ...	rrcbc	bc,b	b	bc
	Chester (Sealand)	rrrcge	cbcy	bcPR	bcbwc
8	Manchester ...	crrpcidr	cbccwy	cyb	bmbmw
10	Spurn Head ...	qrprc	cbc	bcbw	bbc
	Catterick ...	rmrrrcc	cbcq	bcbw	bcwmb
	Tynemouth ...	orrff	irrc	bc	bc
11	Inchkeith ...	RRH	rfzc	cbc	bc
	Leuchars ...	oRRor	orcirR	cbc	bcbw
12	Renfrew (Abbots L.)	tIRRrf	cmirc	cbc	bbc
	Eskdalemuir ...	crrc	ccprq	cbcc	PRbcb
	Point of Ayre ...	orrir	cbc	bcc	bcc
13a	Tiree ...	oRR	did	cir	cb
13b	Stornoway ...	cRRm	rrzc	rcc	crrqbc
15	Dalwhinnie ...	cRr	cRr	*	cirobc
	Aberdeen ...	ofiR	RTLf	ofdb	b
	Wick ...	fsrr	rrDd	fdm	cbc
16	Lerwick ...	com	ocpr	cprcm	oc
17	Blacksod Point	bc	bc	prc	bc
18	Malin Head ...	cir	crbc	bcir	bc
	Aldergrove ...	rrmcrc	crbcy	phprq	bwb
19	Birr Castle ...	bcy	bccpr	c	cir
20	Valentia Obsy. †	prirbc	bccv	cvprbc	prbc
	Roches Point	bbcv	prtbc	bccpr	bccrr

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 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.*

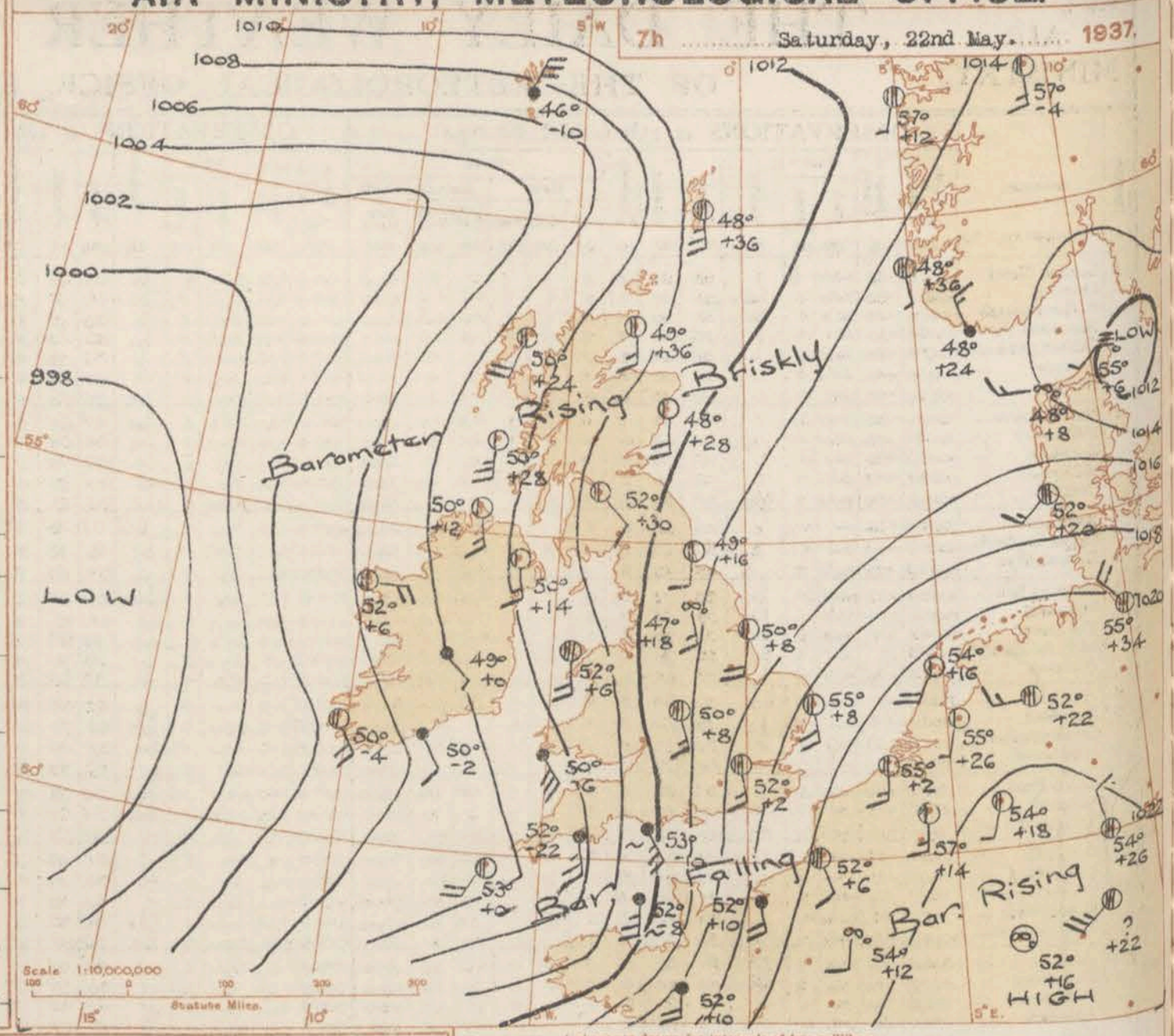
† Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for Friday, 21st May, 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.	oroc	bc	52	61	13	Trace	5·4	5·2
	Bournemouth	b	b	50	60	–	–	8·6	1·0
	Ventnor ...	ocb	b	51	56	–	–	8·4	4·3
	Southsea ...	bcb	b	52	61	–	–	7·9	6·5
	Bognor Regis	bcb	b	52	59	18	–	8·3	7·3
	Littlehampton	cbc	bc	52	58	13	–	7·9	6·5
	Worthing ...	cbcb	b	52	59	17	–	7·9	5·6
	Brighton ...	b	b	52	58	13	–	7·9	5·0
	Eastbourne† ...	cb	b	52	58	18	–	7·7	4·4
	Hastings† ...	ocbcb	b	51	59	17	–	6·8	3·4
	Folkestone ...	ornzc	cbcb	53	58	21	Trace	5·6	3·5
	Dover ...	roc	bc	49	58	27	Trace	5·4	2·7
	Deal	rf	cb	48	62	25	–	5·0	3·6
	Ramsgate ...	cbc	bcb	52	61	15	–	4·9	3·5
	Margate ...	cdbc	cbc	51	63	13	0·1	4·0	4·3
2	Southend ...	orc	cbcb	52	63	21	Trace	3·2	5·9
	Maldon ...	rorc	cbc	52	62	13	0·3	3·6	6·0
	Clacton-on-Sea	orc	cbc	51	62	16	0·3	3·1	4·2
	Dovercourt ...	throc	bcv	51	62	31	–	3·5	5·8
	Lowestoft ...	c	cbcb	49	62	22	–	2·7	4·1
	Skegness ...	irbc	bcb	48	59	22	0·6	2·7	5·1
	Mablethorpe...	orc	cbcb	47	60	21	0·3	3·0	5·3
	Cleethorpes ...	prc	bc	47	60	19	0·5	1·9	5·5
3	Leamington S.	oco	cbc	50	61	10	–	2·7	3·8
4	Cheltenham†	coc	cbc	48	60	7	–	4·8	0·8
5	Bath	bcb	cbcpb	51	61	–	0·5	6·5	0·4
	Weymouth ...	cb	b	49	59	–	–	9·9	0·0
	Jersey ...	bc	bcc	51	59	–	–	9·2	1·0
	Torquay ...	bcb	bbc	49	59	0·1	–	9·5	0·3
	Penzance ...	bcbbc	bcpbc	48	59	0·5	1	10·3	8·7
	St. Ives ...	b	c	46	58	–	0·5	9·9	6·9
	Bude... ...	bc	bc	49	58	3	–	10·5	0·6
	Ilfracombe ...	pcbc	cpbcz	49	58	1	0·2	9·5	1·1
6	Aberystwyth	prcbc	bcc	48	56	5	–	7·2	1·7
7	Llandudno ...	roc	bcb	46	58	10	0·2	4·7	1·4
	Colwyn Bay...	cpoc	cbc	46	59	12	0·5	3·9	1·7
	Rhyl	orrzc	cbcb	46	60	19	0·1	4·0	1·7
8	Wallasey ...	rroc	cbcb	50	55	26	1	3·5	2·5
	Southport ...	rpoc	cbcbv	50	59	5	0·2	3·2	4·0
	Blackpool ...	oro	ocbcb	50	56	5	Trace	3·0	3·0
	Morecambe ...	cdc	cbbc	50	56	10	Trace	3·0	3·7
9	Ilkley... ...	o	ocbc	48	57	21	–	2·0	5·2
	Harrogate ...	cb	cb	46	55	16	–	2·1	4·1
10	Berwick-on-T.	orzro	opbc	49	54	34	4	0·4	0·3
11	Dunbar ...	orr	or	44	54	35	8	0·0	1·8
12	Troon... ...	rorc	coc	48	52	9	2	0·1	1·3
	Douglas ...	cbr	bc	46	55	12	1	3·7	2·7

† 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. 22nd May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Freshening southerly winds, veering and moderating; cloudy or dull at first with periods of rain; becoming fairer; rather cool but temperature tending to rise.
5 S.W. England 6 South Wales ...	Moderate southwest winds; bright periods and scattered showers; rather cool but temperature tending to rise.
7 North Wales ... 8 N.W. England	Increasing southerly winds, strong at times, moderating later; cloudy or dull at first with periods of rain; becoming fairer; rather cool.
9 N. Midlands ... 10 N.E. England	As 1 - 4.
11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W. Scotland. 14 Mid Scotland	Freshening southerly winds; bright periods and showers at first but becoming cloudy with periods of rain later; rather cool.
15 N. E. Scotland 16 Orkney and Shetland	Freshening southerly winds; bright periods and showers; rather warm.
17 N. W. Ireland 18 N. E. Ireland	As 7 - 8.
19 S. E. Ireland 20 S. W. Ireland	As 5 - 6.

GENERAL INFERENCE.

A depression west of Ireland is almost stationary and a secondary off Southwest Ireland will move northeast and then north. Rain will spread to all districts but will be followed by fairer weather. Temperatures will be rather low for the season.

FURTHER OUTLOOK.

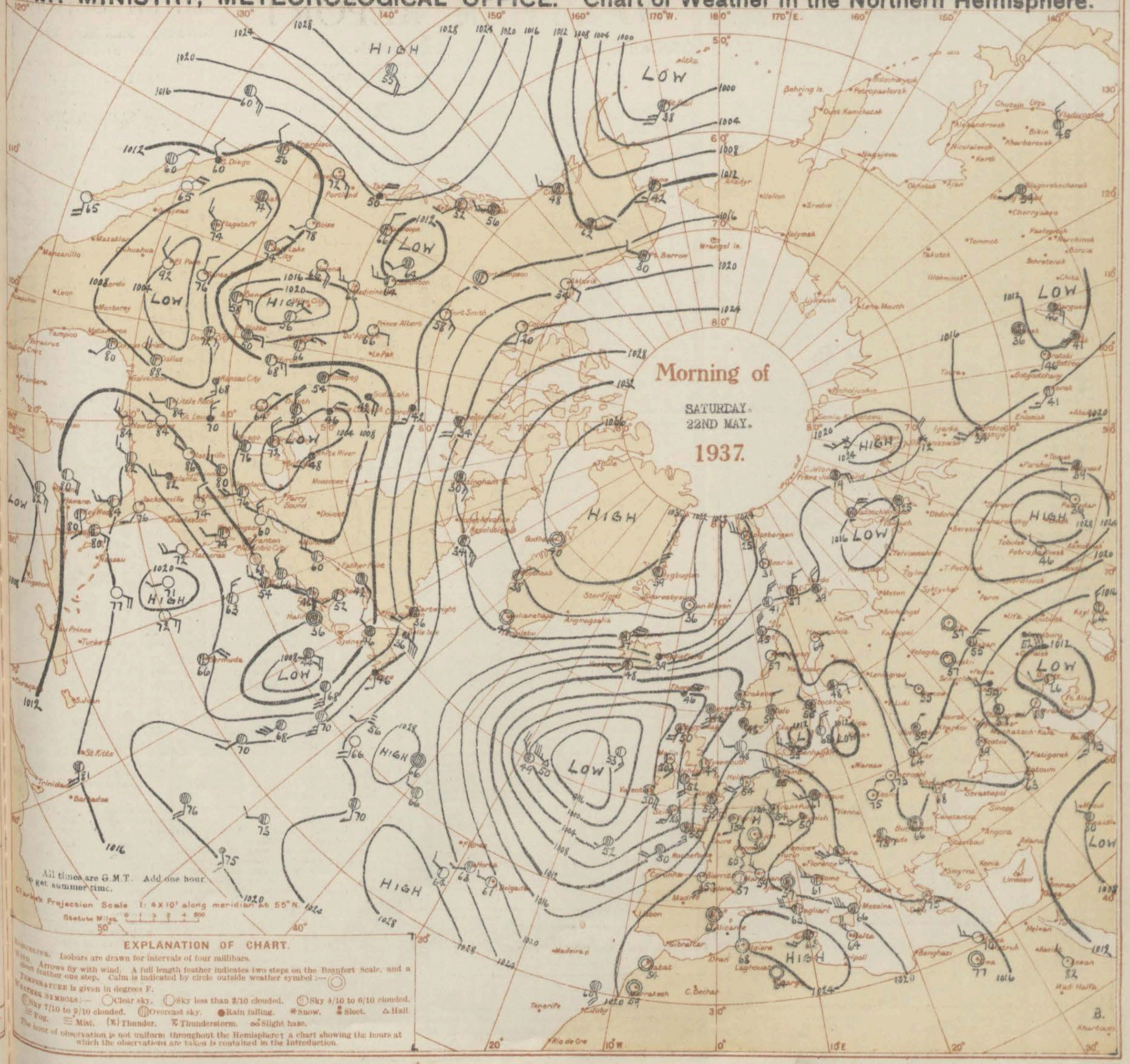
Fair periods and showers; temperature tending to rise.

Forecasts issued at 1000 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.



Page 4.
AIR MINISTRY.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Saturday, 22nd May, 1937.
No. 27575.

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

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	1015.6	+14	S	3	bc	47	97	8	5	3	-	2-5	2-5	5700
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1017.8	+14	S	2	b	47	85	8	-	-	-	0	0	-
	Manston ...	142	1017.0	+14	SW	3	b	45	92	7	-	-	-	0	0	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1015.4	+20	SW	2	b	47	92	7	-	-	-	0	0	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	228	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1013.2	+4	SSW	4	bc	52	92	7	4	-	-	4-6	4-6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1000.7	-10	SSE	5	c	52	92	9	8	-	-	9+	9+	1500
	Scilly (St. Mary's)	163	1008.3	-14	S'E	5	ir0	51	92	7	9	7	-	7-8	10	1500
	Guernsey ..	175	1014.5	+4	S'W	3	c	51	92	8	8	1	-	4-6	7-8	2500
6	Pembroke ...	142	1008.3	+8	SSW	3	c	51	85	7	8	-	-	7-8	7-8	4000
7	Holyhead ...	26	1008.2	+24	SSW	4	b	50	85	8	2	3	-	Tr	1	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1012.7	+18	SSW	4	b	48	85	7	-	-	-	0	0	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1009.1	+12	S	3	bc	47	85	6	5	-	-	2-3	2-3	800
11	Inchkeith ...	190	1007.1	+20	SW	5	bc	49	85	8	5	-	-	4-6	4-6	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1006.4	+22	SW'W	4	bc	49	97	8	5	-	-	2-3	2-3	2500
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1001.2	+18	S	4	c	49	92	6	9	7	-	7-8	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1001.2	+16	SW	1	id0	48	97	4	5	2	-	9+	10	800
16	Lerwick ...	156	1004.7	-12	SE	6	o	51	92	6	5	-	-	10	10	450
17	Blacksod Point	18	1002.5	+6	W	3	bc	50	75	8	9	-	-	4-6	4-6	2500
18	Malin Head ...	84	1003.4	+20	S	2	c	47	85	7	8	-	-	9	9	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1004.1	-2	SW	2	bc/pr	49	97	[illegible]	[illegible]	-	-	4-6	4-6	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 22nd May — PAST 24 HOURS

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)	Temperature Max. Day 7h–18h °F. (31)	Temperature Min. Night 18h–7h °F (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 21st Hrs. (36)
London (Kew)	1016.8	+4	SSE	3	c	53	85	7	5	2	-	4-6	10	1500	1	*	61	46	37	1	-	5.4
Croydon	1016.4	+2	SSE	3	c	52	92	6	5	1	-	7-8	9+	800	1	*	61	46	43	0.5	-	7.3
S. Farnborough	1015.7	+4	SSE	3	ir0	51	92	7	5	5	9	4-6	9	1500	1	*	61	46	42	2	Tr	7.8
Boscombe Down	1014.2	0	SSE	4	r0r0	51	92	7	6	2	-	9+	10	800	1		58	46	43	Tr	Tr	7.6
Calshot (Sthmtn.)	1015.3	+2	SE'S	5	pr	53	85	7	5	7	-	7-8	9+	1500	1	‡3	60	52	49	-	1	9.0
Lympne	1018.7	+18	SSE	3	c	50	92	7	5	7	2	1	9+	2500	1	3	59	45	37	1	-	7.4
Manston	1018.4	+6	S	4	c	52	85	7	5	2	-	Tr	9	2500	1	*	62	44	40	1	-	6.8
Shoeburyness	1017.7	+8	SSE	3	c	54	85	8	-	7	-	0	9	-	1	*	63	48	36	0.2	-	6.3
Felixstowe	1018.0	+2	S'E	3	c	52	85	7	5	4	3	2-3	7-8	2500	1	3	62*	49	45	0.1	-	12.0
Gorleston	1016.2	+8	SSE	4	bc	55	75	7	-	-	6	0	2-3	-	0	2	61	46	44	Tr	-	9.2
Mildenhall	1016.7	+8	SSE	4	bc	53	85	8	5	4	6	Tr	4-6	4000	1	*	61	45	40	Tr	Tr	4.0
Cranwell	1015.7	+6	SE	3	z0	48	97	6	5	3	1	2-3	4-6	1500	1		59	41	37	Tr	-	4.0
Birmingham	1013.5	+8	SSE	3	c	50	85	7	7	-	-	7-8	7-8	2500	1	*	60	46	43	1	-	4.9
Upper Heyford	1014.9	+2	SSE	3	c	51	92	8	5	3	8	4-6	7-8	1500	1	*	59	46	41	1	0.3	*
Ross-on-Wye	1012.4	0	SE'S	4	ir0	51	85	7	6	1	-	2-3	10	2500	1	*	59	47	43	-	3	6.9
Portland Bill	1011.9	-10	SE	5	rr	53	92	6	5	-	-	10	10	1500	1	4	54	49	*	-	3	*
Plymouth	1008.4	-22	SSE	5	r0r0	52	97	6	-	2	-	10	10	450	1	3	57	51	48	0.1	9	14.6
The Lizard	1007.1	-12	S	6	r0r0	53	97	8	5	-	-	10	10	1500	1	3	58	50	*	Tr	4+	*
Scilly (St. Mary's)	1005.4	0	SW'S	4	bc	53	97	8	2	-	-	4-6	4-6	1500	1	3	56	50	*	4	3	13.5
Guernsey	1013.6	-8	S	5	r0r0	52	97	6	5	-	-	10	10	1500	1	4	60	50	47	-	5	12.0
Pembroke	1007.0	-6	SE'S	6	r0r0	50	97	6	5	-	-	9+	9+	2500	1	3	55	49	*	0.3	0.6	9.8
Holyhead	1009.4	+6	S'E	4	c	52	85	8	2	9	-	Tr	9	4000	1	2	56	49	46	0.4	-	8.6
Chester (Sealand)	1012.0	+6	SE	3	c	50	85	7	5	-	7	2-3	7-8	1500	1	*	60	43	39	4	0.6	6.0
Manchester	1013.0	+10	SSE	3	z0	50	85	6	5	-	9	2-3	4-6	2500	1		58	45	40	0.6	-	3.4
Spurn Head	1015.3	+8	S'W	4	bc	50	92	7	-	7	1	0	2-3	-	0	‡	57	49	*	1	Tr	3.2
Catterick	1014.4	+18	SSE	3	z0	47	92	5	5	-	-	1	1	1500	1	*	55	41	32	5	-	3.5
Tynemouth	1013.4	+16	SSW	2	bc	49	85	6	5	-	-	2-3	2-3	1500	1	2	56	45	40	10	-	0.9
Inchkeith	1011.0	+24	SW	2	bc	50	75	8	5	-	-	2-3	2-3	2500	0	2	52	46	37	20	-	0.1
Leuchars	1011.4	+32	S	3	b	51	85	8	7	-	-	Tr	Tr	2500	1	*	52	40	31	34	-	0.8
Renfrew (Abbots I.)	1010.4	+30	ESE	2	bc	52	75	7	7	5	-	2-3	4-6	4000	1	*	52	46	43	17	-	0.0
Eskdalemuir	1011.9	+26	S	4	b/pr	50	75	7	5	-	-	1	1	1500	1	*	52	45	42	14	5	0.0
Point of Ayre	1010.5	+20	S'W	3	rr	51	97	8	9	-	-	7-8	7-8	2500	1	2	58	46	*	4	1	5.1
Tiree	1006.9	+28	S	5	b	50	85	8	7	-	2	Tr	1	1500	0	3	51	42	40	14	Tr	0.0
Stornoway	1006.0	+24	SSW	4	bc	50	75	8	2	4	-	2-3	4-6	2500	1	3	55	47	*	11	3	0.0
Dalwhinnie	1010.2	+24	S	5	bc	47	75	7	4	6	-	4-6	4-6	2500	1	*	50	41	34	24	0.3	0.0
Aberdeen	1011.5	+28	S	4	b	48	85	7	8	-	-	Tr	Tr	2500	1	1	49	44	39	18	0.1	0.0
Wick	1008.7	+36	S	3	bc	49	92	8	6	7	-	2-3	2-3	1500	1	2	50	46	*	5	1	*
Lerwick	1010.1	+36	S	5	c	48	97	7	5	2	-	9	10	450	0	*	51	46	*	1	Tr	0.0
Blacksod Point	1004.2	+6	E	4	bc	52	75	9	2	3	3	1	4-6	2500	0	3	56	46	*	-	Tr	*
Malin Head	1006.6	+12	SSE	3	b	50	85	8	1	8	-	1	1	2500	0	1	53	43	*	4	0.3	3.5
Aldergrove	1008.2	+14	S'E	3	b	50	85	8	8	4	-	Tr	Tr	2500	1	*	59	42	38	4	1	4.2
Birr Castle	1005.5	0	ESE	1	ir	49	92	7	5	-	-	10	10	2500	1	*	61	41	32	1	0.1	10.2
Valentia Obsy. †	1003.0	-4	SE	4	bc/pr	50	85	8	[illegible]	3	1	4-6	4-6	1500	1	2	57	44	34	3	0.2	11.0
Roches Point	1004.7	-2	SE	2	rr	50	97	7	[illegible]	7	-	7-8	10	1500	1	2	57	49	*	2	5	*

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	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	crr0qm0	cypr0bc	bcbbcc	61	46	37	1	-	5.4	.	.	8
Croydon	217	cr0d0c	bcypr0	bwbcwc	61	46	43	0.5	-	7.3	.	.	8
Greenwich (Royal Observatory)	149	r0c	cp0b	bcr0	65	45	34	Tr	Tr	5.5	60	76	6
City (Bunhill Row)	—	.	.	.	.	.	.	.	.	4.5	.	.	.
Westminster (St. James' Park)	27	.	.	.	63	49	43	Tr		4.1	51	77	.
Regents Pk. (Botanic Gardens)‡	168	.	.	.	62	49	45	Tr	Tr	4.4	47	77	.
Camden Square	110	crc	ccp	.	63	49	43	Tr	-	.	. At 18h.	75	.
Kensington	80	bcc	bc	.	62	49	42	Tr	Tr	4.2	60	78	.
Hampstead Observatory	450	bcp	bcp	c	61	46	33	0.2	Tr	5.2	.	91	.

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

	Max.	Time.	Min.	Time.
South Kensington	0.3	9h 21st	<0.3	14.15h 21st
Kew Observatory	0.1	8h 21st	<0.1	0-7h 22nd

FOREIGN OBSERVATIONS

Stations	18h. G.M.T. 21st May Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 22nd May Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1015.3	W	3	bc	64	1021.8	SSW	2	z0	54	64	46	Tr	-
Brussels	1013.5	W'S	3	c	57	1021.2	S	3	b	57	61	41	0.4	-
Berlin						1017.7	WNW	5	c	55		55		-
Zurich	1016.0	*	3	ir0	52	1023.5	SW	1	r0r0	48	70	48	4	13
Rome	1019.8	SSE	3	bc	68	1017.4	WNW	3	bc	61	*	*	-	2

EXPLANATION of FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 23rd May, 1937

No. 27576.

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

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)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1016·5	0	S'E	4	ido	55	85	6	6	2	-	9+	10	800
	Croydon	1016·9	+6	S'E	4	dd	53	97	6	6	2	-	9	10	450
	S. Farnborough	1015·5	0	S	5	dd	55	97	6	6	2	-	9+	10	800
	Boscombe Down	1014·2	+6	S'E	5	roro	55	97	6	6	2	-	9+ (red)	10+ (red)	800
	Calshot (Sthmtn.)	1015·9	+14	SSE	6	dd	55	92	4	6	2	-	7-8	10	450
	Lympne	1019·6	+2	SSE	4	dodo	51	97	5	6	2	-	9+	10	<150
	Manston	1019·2	+2	SSW	5	iro	54	85	7	5	-	-	9+	9+	800
2	Shoeburyness	1018·3	+2	S'E	5	iro	54	92	7	6	2	-	7-8	10	1500
	Felixstowe	1018·7	+2	SSE	4	c/pr	57	75	8	8	3	-	4-6	9+	2500
	Gorleston	1018·9	0	SE	5	c	54	75	7	2	4	-	2-3	7-8	2500
	Mildenhall	1016·4	-2	S'E	5	c	59	65	8	8	2	-	9+	10	2500
	Cranwell	1014·8	-6	SE'S	5	c/pr	57	75	8	8	-	-	10	10	2500
3	Birmingham	1012·6	-8	SSE	4	c/r	54	92	8	6	7	-	9	9+	800
4	Upper Heyford	1014·8	+2	S'E	4	c/r	55	92	7	5	2	-	9	9+	800
	Ross-on-Wye	1011·6	+4	S	4	c	59	75	8	9	-	-	9+	9+	2500
5	Portland Bill	1015·3	+12	S	5	c	55	92	7	4	-	-	7-8	7-8	2500
	Plymouth	1011·3	+10	S	5	c	55	92	7	6	2	-	9	10	800
	The Lizard	1010·4	+10	S'W	5	c	56	92	7	8	7	-	7-8	9	1500
	Scilly (St. Mary's)	1009·0	+6	SSW	5	jp	58	92	8	8	6	-	7-8	9	1500
	Guernsey	1015·1	+10	SSW	5	o	56	85	8	5	-	-	10	10	1500
6	Pembroke	1007·4	+6	SW'S	5	q	54	85	7	8	-	-	9	9	4000
7	Holyhead	1007·4	-16	SE'E	5	c	55	75	8	6	1	-	4-6	10	2500
8	Chester (Sealand)	1010·5	-10	ESE	4	iro	54	86	6	6	2	-	7-8	10	1500
	Manchester	1012·1	-6	SE	4	c/r	55	75	7	6	-	-	10	10	800
10	Spurn Head	1016·0	0	SE'S	4	pro	54	85	8	6	1	-	7-8	10	1500
	Catterick	1013·1	-6	SE'S	4	c	59	65	8	8	-	-	9+	9+	4000
	Tynemouth	1014·1	+2	SE	3	bc	51	85	6	2	-	-	4-6	4-6	1500
11	Inchkeith	1011·0	0	NE	2	c	58	75	8	5	-	-	7-8	7-8	2500
12	Leuchars	1013·5	+10	E	3	bc	58	65	7	1	-	4	2-3	2-3	2500
	Renfrew (Abbots I.)	1010·9	0	SE'S	3	c	61	45	9	2	6	1	7-8	7-8	5700
	Eskdalemuir	1011·7	-2	SE'S	4	c	58	55	7	7	-	6	4-6	7-8	2500
	Point of Ayre	1009·5	-10	SSE	4	c	55	97	7	8	1	-	2-3	10	1500
13a	Tiree	1009·2	+4	SE'S	5	bc	56	75	9	7	3	-	Tr	2-3	4000
13B	Stornoway	1011·1	+16	S	4	bc	55	65	8	1	-	-	2-3	2-3	4000
15	Dalwhinnie	1012·0	-2	S	4	c	56	55	8	4	6	-	2-3	7-8	4000
	Aberdeen	1014·6	+12	SSE	4	b	56	75	7	2	-	1	Tr	1	2500
	Wick	1012·7	+18	SSE	2	bc	51	92	8	5	7	-	2-3	2-3	1500
16	Lerwick	1013·9	+12	S	4	bc	50	92	7	5	9	1	4-6	4-6	1500
17	Blacksod Point	1003·2	-8	ESE	4	c	52	75	8	9	-	-	7-8	7-8	2500
18	Malin Head	1007·0	-4	SSE	4	c	57	75	8	8	7	-	4-6	9	2500
	Aldergrove	1008·2	-6	SE	4	pro	55	75	8	2	7	-	4-6	9+	1500
19	Birr Castle	1004·3	-4 (8 in red)	SSE	1	ir	55	92	8	9	1	-	7-8	10	1500
20	Valentia Obsy. †	1002·6	-4	S	5	pro	56	75	8	6	1	-	7-8	9+	1500
	Roches Point	1005·3	+6	SSW	3	c	55	85	9	3	4	3	4-6	7-8	1500

OBSERVATIONS at 18h. G.M.T. 22nd May — PAST 24 HOURS

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)	Weather 7h.–13h. 22nd (37)	Weather 13h.–18h. 22nd (38)	Weather 18h. 22nd to 1h. 23rd (39)	Weather 1h.–7h. 23rd (40)
London (Kew)	1017·9	+10	S	3	ido	56	92	6	6	2	-	10	10	800	1	*	cpr.ciro	cidom	cdoc	c
Croydon	1018·3	+10	S	4	dodo	55	92	6	6	2	-	9	10	450	1	*	cirop.rddm]	cdddodo	cdmocbc	bcc
S. Farnborough	1017·2	+10	S'W	5	c/r	55	92	7	5	-	-	10	10	1500	1	*	iroororoc	dodroiroc	oro iroc	ciroc
Boscombe Down	1015·5	+12	S	5	c/r	54	97	7	5	2	-	9	10	800	1	*	orrcroro	crorc	crorc	ciroc
Calshot (Sthmtn.)	1016·3	+4	S'W (red correction)	6	iro	57	85	7	8	7	-	7-8	10	800	1	§3	cr.Dddm	oddmc,cd	c	c
Lympne	1020·7	+4	SSE	3	c/r	53	92	6	5	-	-	10	10	1500	1	2	crododo	odcmiro	om,rr,bc	bcb,cbc
Manston	1020·2	+4	SSW	4	c/r	55	92	7	5	7	-	7-8	10	2500	1		cbcc	ciro	cbc	cbcc
Shoeburyness	1019·3	+12	S	5	c	57	85	8	6	2	-	7-8	10	1500	1	*	c,iroc	iroc	c	cbc
Felixstowe	1019·6	+6	S'E	4	c	56	85	8	5	-	-	10	10	1500	1	3	cbcpro	cproCV	c	c
Gorleston	1019·0	+6	SE'E (red S)	5	c	55	85	6	8	-	-	10	10	2500	0	3	bccq	cproq	cq	cbccq
Mildenhall	1017·3	+2	S'E	4	c/d	57	85	8	5	-	-	10	10	1500	1	*	bccproc	cidoc	c	c
Cranwell	1015·2	+2	SSE	4	c	56	92	8	8	6	6	4-6	9+	2500	1		bcpro	cido	c	roroRroc
Birmingham	1013·9	+4	S	4	c	58	86	8	5	7	-	7-8	9+	1500	1	*	ciro	c	cir	c
Upper Heyford	1015·8	+6	S	4	iro	55	97	6	5	2	-	9	10	450	1	*	bcciro	ciro	ciro	ciro
Ross-on-Wye	1013·0	+6	S	4	ido	57	92	7	6	1	-	9+	10	1500	1	*	crordc	c	doroldor	rcc
Portland Bill	1014·9	+10	SSW	5	pro	54	92	7	4	-	-	10	10	2500	1	4	cido	cpro	c	dodozo
Plymouth	1013·0	+10	S	5	dod	54	97	6	-	2	-	10	10	450	1	3	ocdoproc	ododdodo	odmororo	ororo
The Lizard	1011·5	+6	S'E	5	rr	54	97	6	5	-	-	10	10	1500	1	3	rormc	cidmr	rrprc	crro
Scilly (St. Mary's)	1009·9	+4	S'W	5	c/r	55	97	7	8	7	-	4-6	9+	1500	1	3	obcc	cpoiro	ciroc	cidoc
Guernsey	1016·8	+6	S'W	5	o	56	92	7	5	-	-	10	10	2500	1	4	oroir	coir	ocpro	c
Pembroke	1009·2	+6	S'W	5	c/pr	54	97	7	8	-	-	9+	9+	2500	1	3	ciroq	bcqpromc	cprqc	bcqbc
Holyhead	1008·9	+8	S'W	4	c	55	85	8	5	7	3	4-6	7-8	2500	1	3	prororoc	roprobc	croc	cprobc
Chester (Sealand)	1010·9	+8	SE'S	4	PR	62	65 (97 corrected in red)	6	9	4	8	9+	10	2600	1	*	cprocr	bc (red correction)	cPRcpr	cbc
Manchester	1011·8	0	S'E	4	c	61	75	8	8	1	6	2-3	9	1500	1		bcmocrr	c	cprobcc	cpromoc
Spurn Head	1015·7	-6	S'E	5	q	55	85	6	5	2	-	7-8	9+	1500	0	4	bccpo	pocq	c	cprc
Catterick	1012·5	-2	SSE	4	zo	57	85	6	9	3	2	4-6	9	1500	1	*	wmozoc	prmororoc	cmobcw	wbc
Tynemouth	1012·5	-4	SSE	4	c/r	49	92	7	6	-	-	10	10	800	1	2	bc	bcoiro	c	cbc
Inchkeith	1012·1	-10	E	4	iro	53	92	8	8	6	-	4-6	7-8	2500	1	3	bcc	ciro	iro	ciro
Leuchars	1012·4	-6	ESE	4	c	52	85	7	5	7	-	7-8	10	2500	1	*	bwbcy	bczo,c	ciroir	cororoc
Renfrew (Abbots I.)	1009·5	-8	SE	4	iro	57	65	7	5	2	-	7-8	10	2500	0	*	bccy	cycroro	cirobc	bccpro
Eskdalemuir	1010·8	-4	SE'E	4	iro	51	85	7	6	2	-	9+	10	800	1	*	bcc	criro	irobcro	PRcrc
Point of Ayre	1008·0	-12	SSW	6	bc	54	97	8	2	-	-	2-3	2-3	2500	1	3	rrco	orrbc	prcpr	cprc
Tiree	1007·7	-14	SE'E	3	iro	55	75	6	5	2	-	4-6	10	1500	0	3	b	b,ciro	firo	Rr
Stornoway	1011·1	-4	ENE	6	bc	54	75	8	5	-	5	4-6	4-6	4000	1	3	bc	bc	c	cpro
Dalwhinnie	1011·9	-4	SE	5	c	53	65	7	4	2	8	4-6	10	2500	0	*	c	c	*	cir
Aberdeen	1014·8	-6	SE'S	4	bc	51	85	6	5	4	2	1	4-6	800	1	2	b	bbzo	bczocro	cmoro
Wick	1013·9	+6	SSE	2	bc	50	92	8	7	7	-	2-3	2-3	2500	1	2	bc	bc	cror	Fdom
Lerwick	1016·3	+16	S	3	bc	50	92	7	8	-	-	2-3	2-3	2500	0		cbc	bc	bcw	cpro
Blacksod Point	1002·1	-4	S	1	c	54	75	8	9	-	-	9	9	1500	1	2	bc	PRc	prc	PRc
Malin Head	1005·0	-14	SE	4	c	54	85	7	8	-	-	7-8	7-8	1500	1	1	bc	bccrr	cprc	ciroc
Aldergrove	1006·0	-14	SSE	3	c/d	53	92	6	5	3	-	9+	9+	450	1	*	b,cproc	crodomc	cmobc,ro	cRcro
Birr Castle	1003·9	0	SSE	3	c/r	56	85	8	9	7	-	7-8	9+	1500	1	*	cir	circ	cir	cirb
Valentia Obsy. †	1003·1	+4	S'W	4	c	54	85	8	8	-	-	9+	9+	1500	1	2	bccpr	iHRirtc	crriRc	cbcprc
Roches Point	1005·1	+2	SW	4	c	56	85	8	3	5	3	2-3	7-8	1500	1	4	crrc	cproc	corrc	cbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 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.*

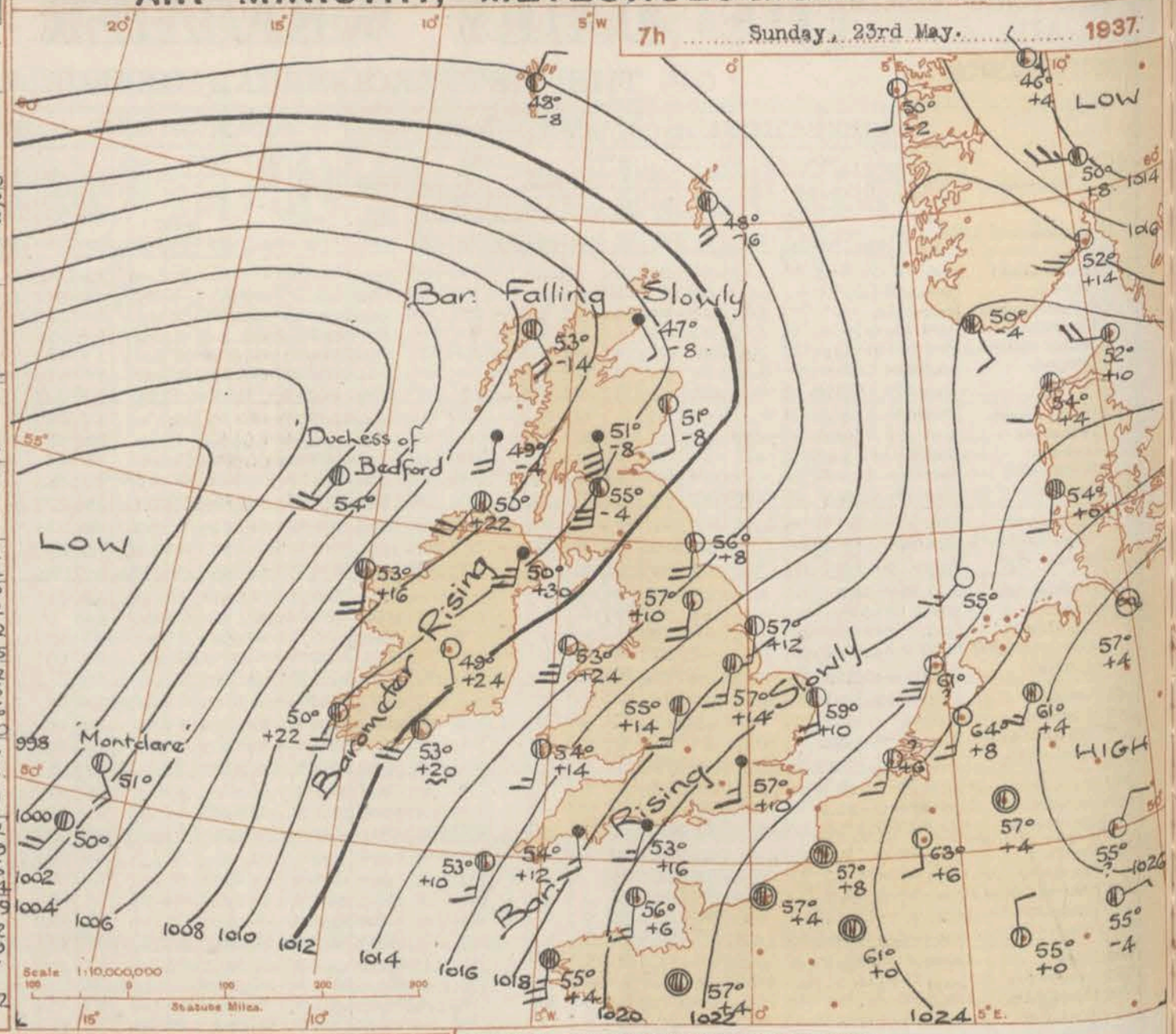
† Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 22nd MAY 1937.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	cpcr	od	45	56	0·3	1	0·5	7·6
	Bournemouth	ro	oro	50	56	4	1	0·0	10·4
	Ventnor ...	orm	ro	50	55	2	1	0·0	10·3
	Southsea ...	or	orco	51	56	1	2	0·0	9·9
	Bognor Regis	oir	cir	52	56	1	2	0·0	10·0
	Littlehampton	orc	cbcc	52	57	0·6	1	0·5	10·2
	Worthing ...	orr	or.c	51	56	0·5	1	0·1	10·3
	Brighton ...	crc	c	52	56	0·2	0·6	0·0	9·9
	Eastbourne† ...	r.r.o	oir.o	51	55	0·1	0·5	0·1	9·9
	Hastings† ...	bccor	o	50	56	-	0·3	1·1	9·0
	Folkestone ...	bcc	cor.	49	59	-	0·3	3·7	7·9
	Dover ...	bcc	coir	46	60	-	Trace	2·5	7·3
	Deal	cocc	cir.	47	62	-	0·3	1·5	7·3
	Ramsgate ...	bc	bcc	49	57	-	-	4·0	6·9
	Margate ...	bc	cd.	48	60	-	Trace	4·1	6·4
2	Southend ...	c	cor.o	48	59	-	Trace	1·1	5·2
	Maldon ...	cbcc	ocl	43	60	-	Trace	1·9	3·8
	Clacton-on-Sea	bc	bcc	50	58	-	-	3·2	4·2
	Dovercourt ...	bcv	oc	52	58	-	-	4·9	4·7
	Lowestoft ...	b	bccrc	46	57	-	Trace	7·8	4·6
	Skegness ...	b	coc	47	60	-	-	7·0	4·7
	Mablethorpe...	bcc	cp.oc	44	62	-	Trace	6·4	4·4
	Cleethorpes ...	bc	or.bc	45	62	-	Trace	6·1	3·4
3	Leamington S.	c	bcc?	47	61	-	0·6	1·7	5·2
4	Cheltenham†	cir.	c	47	60	1	0·5	1·1	6·4
5	Bath	cirbc	bccir	50	63	3	1	1·0	6·9
	Weymouth ...	ir	ircpc	51	58	5	2	0·7	12·2
	Jersey ...	repc	ao	51	57	3	0·6	0·6	10·2
	Torquay ...	coq	odpq	51	57	8	1	0·2	10·5
	Penzance ...	cbcq.d	coq.c	51	59	6	Trace	3·5	12·2
	St. Ives ...	pr	c	50	58	6	Trace	5·0	12·6
	Bude... ...	cbccp	cp.dc	46	61	1	0·2	1·1	12·6
	Ilfracombe ...	corr	opo	49	62	2	0·5	3·0	12·0
6	Aberystwyth	prc	bcc	48	61	1	-	4·5	7·6
7	Llandudno ...	cr.	ir.bc	47	61	0·4	1	4·4	7·1
	Colwyn Bay...	bccr	rcobc	46	62	-	2	3·7	6·8
	Rhyl	bccpr	cr.bc	43	64	0·3	1	3·0	6·8
8	Wallasey ...	bccr	rcbc	51	64	-	1	5·7	6·2
	Southport ...	bcco	ircbcc	44	63	-	2	6·5	5·9
	Blackpool ...	cor	oc	44	61	-	2	7·1	5·6
	Morecambe ...	bbcbc	crpbc	45	62	-	1	8·3	5·4
9	Ilkley... ...	bcbc	oropo	44	58	-	1	4·5	3·9
	Harrogate ...	bbcc	circ	43	59	-	0·6	5·5	4·2
10	Berwick-on-T.	bc	bcc	43	59	-	-	10·7	0·9
11	Dunbar ...	bc	cr.	46	61	-	Trace	9·1	1·7
12	Troon... ...	bbcbc	bcoc	46	60	-	-	7·3	0·1
	Douglas ...	cbir.	cb	46	55	-	1	4·6	6·2

† 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. 23rd May, 1937.
1 S.E. England 2 E. England ...	Light to moderate southerly winds; mainly fair; some scattered showers; rather warm.
3 E. Midlands ... 4 W. Midlands ... 5 S.W. England	Moderate southerly winds, freshening later; mainly cloudy with occasional rain; average temperature.
6 South Wales ...	Moderate southerly winds, freshening later; fair apart from local showers; cloudy with occasional rain later; rather warm.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B. N.W. Scotland. 14 Mid Scotland	Moderate or fresh south to southwest winds; fair apart from local showers; rather warm.
15 N. E. Scotland 16 Orkney and Shetland	Light to moderate south to southeast winds, veering later; occasional rain; bright periods and local showers later; average temperature.
17 N. W. Ireland 18 N. E. Ireland	As 7 - 14.
19 S. E. Ireland 20 S. W. Ireland	As 6.

GENERAL INFERENCE.

A depression to the west of Ireland is almost stationary while a secondary depression to the northwest of Portugal is moving northeast. Weather will be mainly fair apart from some scattered showers but there will be occasional rain in the Southwest.

FURTHER OUTLOOK.

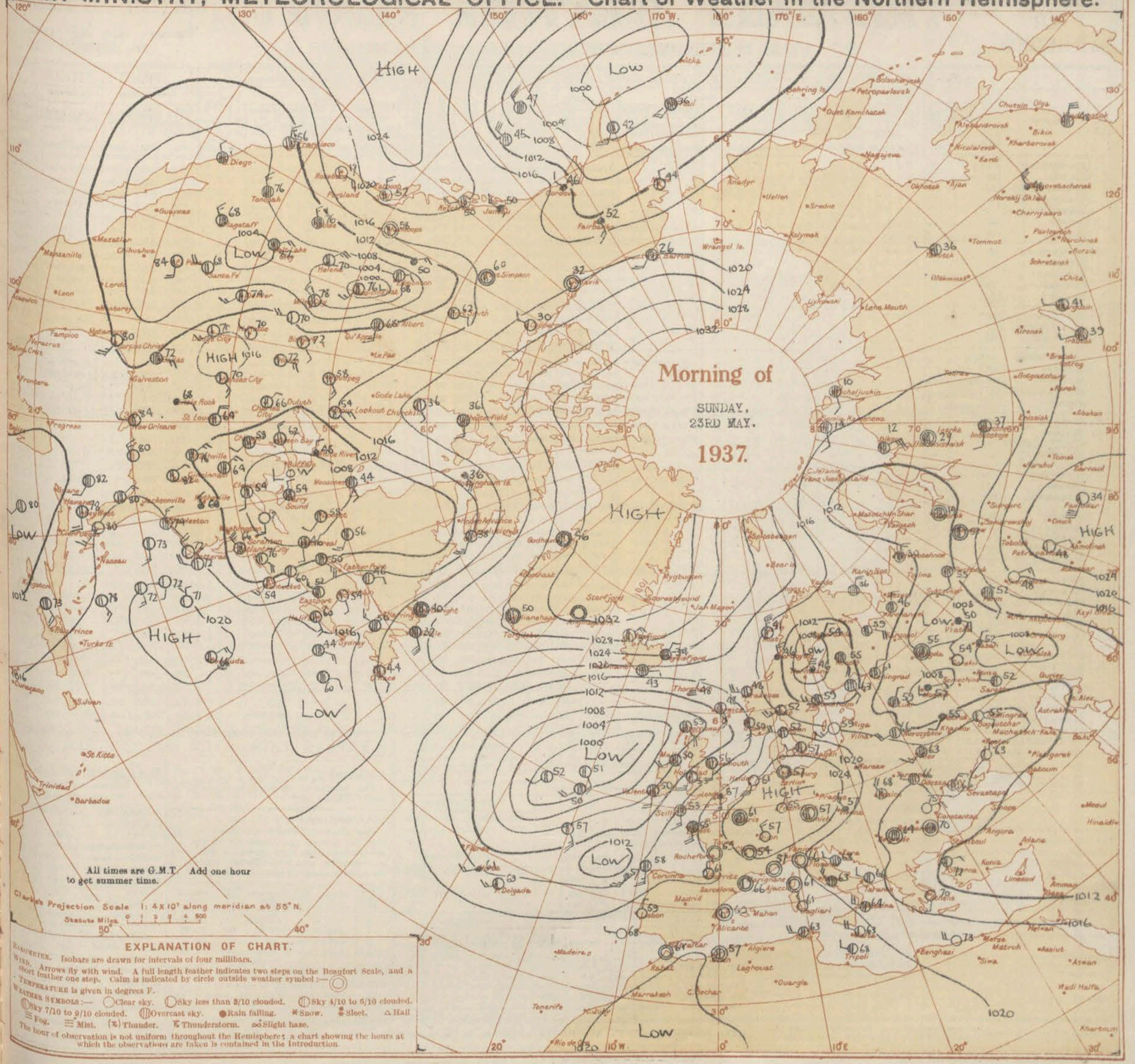
Rain spreading northeast.

Forecasts issued at 1000 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.



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 23rd May 1937.
No. 27576.

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

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	1015.6	0	S	3	bc	57	92	7	5	-	-	4-6	4-6	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1021.8	0	S'W	3	bc	52	92	7	5	7	-	4-6	4-6	2500
	Manston ...	142	1020.7	-2	SSW	4	c	55	85	7	5	7	-	2-3	7-8	1600
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1019.6	-2	SSE	4	c	53	92	7	5	-	-	9	9	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1017.2	+3	SSW	4	c	54	92	7	4	-	-	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1015.0	+10	S	5	c	53	97	7	5	2	-	9	10	1500
	Scilly (St. Mary's)	163	1012.9	+12	SSW	5	id.	54	92	6	8	-	-	10	10	1500
	Guernsey ..	175	1015.8	+2	SSW	4	c	54	97	8	8	7	-	4-6	7-8	2500
6	Pembroke ...	142	1010.5	+14	SSW	6	q	53	97	7	5	2	-	4-6	10	2500
7	Holyhead ...	26	1010.2	+2	S'W	5	c	54	85	6	9	7	-	7-8	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1016.0	0	S'E	5	c	54	92	7	5	2	-	4-6	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1012.9	-4	S	3	c	56	85	7	5	-	-	7-8	7-8	1500
11	Inchkeith ...	190	1011.6	-4	E	2	c	50	97	7	5	-	-	10	10	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1010.2	+2	SSE	2	pr.	52	97	8	6	1	-	7-8	9	800
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1008.6	-6	ESE	4	c	52	75	7	5	1	-	9	10	4000
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1012.3	-8	SE	3	r.r.	47	97	7	5	2	-	7-8	9	1500
16	Lerwick ...	156	1017.1	+2	SSE	2	bc	51	97	7	7	-	-	2-3	2-3	2500
17	Blacksod Point	18	1002.9	0	SE	3	c	52	75	8	9	-	-	10	10	800
18	Malin Head ...	84	1004.7	0	SSW	3	c	53	92	7	9	5	-	4-6	9	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1005.1	+14	S	5	bc	48	97	6	9	-	-	4-6	4-6	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)
1	London (Kew)	1020.8	+14	SSW	3	c	60	85	8	5	-	-	9+	9+	1500	1	*
	Croydon ...	1021.1	+10	S	3	id.	57	92	8	5	-	-	9+	9+	1500	1	*
	S. Farnborough	1020.5	+10	S'W	4	c	57	92	7	5	-	-	9+	9+	1500	1	*
	Boscombe Down	1018.4	+16	SSW	4	c	55	85	7	5	7	-	7-8	10	800	1	
	Calshot (Sthmtn.)	1020.4	+10	SSW	4	c	57	85	8	8	7	-	4-6	9	1500	1	§ 2
	Lympne ...	1023.2	+10	SSE	2	c	56	92	8	5	3	-	4-6	9	2500	1	§ 2
	Manston ...	1023.3	+10	S	3	c	57	85	7	5	7	-	9+	9+	2500	1	§
2	Shoeburyness ...	1021.6	+10	S'W	4	c	60	85	8	2	4	6	1	7-8	2500	1	*
	Felixstowe ...	1021.8	+18	SSE	3	c	56	85	8	5	3	-	9	9+	1500	1	3
	Gorleston ...	1021.0	+10	S	4	c	59	85	7	8	-	-	9+	9+	2500	0	§
	Mildenhall ...	1019.6	+14	SSW	4	c	60	75	8	5	7	6	7-8	9	1500	1	*
	Cranwell ...	1018.0	+14	S'W	3	c	57	92	9	8	3	6	4-6	9+	2500	1	*
3	Birmingham ...	1017.8	+14	SSW	3	c	55	85	8	5	7	-	4-6	9	800	1	*
	Upper Heyford	1019.3	+18	SSW	3	c	56	85	7	5	7	-	7-8	9+	1500	1	*
4	Ross-on-Wye	1016.9	+12	S	4	c	57	85	7	9	7	-	2-3	9	2500	1	*
5	Portland Bill ...	1019.4	+16	SSW	3	d.d.	53	92	6	5	-	-	10	10	1500	1	3
	Plymouth ...	1017.6	+12	S'E	3	r.r.	54	97	7	6	2	-	7-8	10	450	1	3
	The Lizard ...	1016.4	+8	S	3	o	53	97	6	5	-	-	10	10	1500	1	3
	Scilly (St. Mary's)	1015.5	+10	S'W	3	c	53	92	7	8	7	-	7-8	9	1500	1	3
	Guernsey ..	1020.4	+6	S'W	3	c	56	85	9	5	1	-	4-6	7-8	2500	1	3
6	Pembroke ...	1015.0	+14	SSW	3	bc	54	85	7	7	7	-	4-6	4-6	4000	1	3
7	Holyhead ...	1013.7	+24	SSW	5	bc	53	85	7	2	-	1	Tr	2-3	2500	1	5
	Chester (Sealand)	1014.9	+18	S'E	3	c	57	75	7	8	-	2	4-6	9	2500	1	*
8	Manchester ...	1015.8	+20	S	4	c	57	85	8	8	9	9	4-6	9+	2500	1	*
10	Spurn Head ...	1017.9	+12	SSW	3	c/pr	57	92	7	4	8	9	1	7-8	4000	1	3
	Catterick ...	1014.3	+10	S'W	4	bc	57	75	7	8	3	4	4-6	4-6	2500	1	*
	Tynemouth ...	1013.5	+8	SSW	4	bc	56	85	6	2	-	2	4-6	4-6	1500	1	2
11	Inchkeith ...	1011.6	0	S	2	ir.	55	85	7	9	-	-	9+	9+	1500	1	1
	Leuchars ...	1010.7	-2	ESE	3	jp	56	85	8	8	-	-	9	9	1500	1	*
12	Renfrew (Abbots I.)	1009.1	-4	SSW	6	c/pr	55	75	8	8	6	-	7-8	9	800	1	*
	Eskdalemuir ...	1012.0	+4	SSW	6	c/r	51	85	6	6	-	-	9+	9+	1500	1	*
	Point of Ayre...	1011.4	+8	SW	5	bc	54	92	7	2	-	-	4-6	4-6	800	1	3
13A	Tiree	1004.8	-4	S	4	r.r.	49	97	7	9	9	-	9	9+	800	1	3
13B	Stornoway ...	1006.0	-14	SE	4	c	53	75	8	9	7	-	2-3	9+	4000	1	2
15	Dalwhinnie ...	1008.5	-8	SSE	6	ir	51	85	7	9	2	-	7-8	10	2500	1	*
	Aberdeen ...	1011.1	-8	SSE	2	bc/r	51	97	6	9	3	-	4-6	4-6	220	1	2
	Wick ...	1009.9	-8	SE	1	id.	47	97	4	5	2	-	9+	10	800	1	2
16	Lerwick ...	1013.3	-16	SSE	4	c/pr	48	97	7	5	7	-	4-6	9+	450	1	*
17	Blacksod Point	1006.8	+16	S	4	c	53	85	8	9	-	-	7-8	7-8	800	1	3
18	Malin Head ...	1006.1	+22	SW'W	4	c	50	85	7	8	-	9	7-8	9+	1500	1	1
	Aldergrove ...	1003.3	+30	SSW	5	ir.	50	85	9	5	3	-	9	9+	1500	1	*
19	Birr Castle ...	1010.2	+24	S'E	1	b	49	85	7	-	-	-	0	0	-	1	*
20	Valentia Obsy. †	1010.1	+22	SSW	4	c/pr	50	85	8	8	-	2	4-6	7-8	2500	1	2
	Roches Point	1012.0	+20	SW	4	bc	53	85	8	3	-	4	2-3	4-6	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 22nd Hrs. (36)
1	London (Kew)	58	55	54	0.1	0.1	0.4
	Croydon ...	57	55	53	2	1	0.2
	S. Farnborough	56	55	52	2	1	0.1
	Boscombe Down	55	53	51	5	2	0.0
	Calshot (Sthmtn.)	58	56	55	3	1	0.0
	Lympne ...	56	51	45	0.6	0.2	2.6
	Manston ...	60	53	50	Tr	-	4.0
2	Shoeburyness ...	59	55	53	Tr	-	1.9
	Felixstowe ...	58	53	51	Tr	-	4.4
	Gorleston ...	58	53	50	Tr	-	8.5
	Mildenhall ...	60	55	52	Tr	-	4.5
	Cranwell ...	60	54	53	Tr	2	4.5
3	Birmingham ...	60	53	52	1	1	3.1
	Upper Heyford	57	54	53	0.5	2	*
4	Ross-on-Wye	62	54	53	2	3	0.6
5	Portland Bill ...	55	52	*	3	2	*
	Plymouth ...	57	53	52	0.4	9	0.4
	The Lizard ...	57	52	*	0.5	2	*
	Scilly (St. Mary's)	59	51	*	1	0.1	4.9
	Guernsey ..	59	53	51	1	Tr	0.2
6	Pembroke ...	55	52	*	2	1	1.8
7	Holyhead ...	57	53	51	1	0.2	5.4
	Chester (Sealand)	64	53	50	1	1	3.9
8	Manchester ...	62	55	51	0.4	0.1	5.2
10	Spurn Head ...	56	53	*	Tr	0.1	6.5
	Catterick ...	62	53	50	1	-	6.7
	Tynemouth ...	56	49	46	0.2	-	8.6
11	Inchkeith ...	59	48	45	Tr	1	7.1
	Leuchars ...	60	47	43	-	2	11.0
12	Renfrew (Abbots I.)	63	50	48	0.1	0.4	8.2
	Eskdalemuir ...	59	47	43	1	7	6.7
	Point of Ayre...	58	50	*	1	1	8.0
13A	Tiree	58	49	47	Tr	5	11.0
13B	Stornoway ...	59	50	*	-	Tr	13.2
15	Dalwhinnie ...	58	47	41	-	3	7.5
	Aberdeen ...	57	47	46	-	0.6	14.2
	Wick ...	53	47	*	-	0.1	*
16	Lerwick ...	51	46	*	-	Tr	11.1
17	Blacksod Point	56	46	*	4	4	*
18	Malin Head ...	58	49	*	3	5	5.3
	Aldergrove ...	56	48	46	0.2	3	6.0
19	Birr Castle ...	61	43	37	11	5	2.2
20	Valentia Obsy. †	58	46	44	6	9	5.1
	Roches Point	57	48	*	2	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. (To-day.)
Kew	18	cpr.cir.	cid.m	cd.c	58	55	54	0.1	0.1	0.4	*	*	8
Croydon	217	cir.pr.ddm	cdddd.	cd.c.bc	57	55	53	2	1	0.2	*	*	8
Greenwich (Royal Observatory)	149	cd	cid.	cid.c	62	54	50	0.3	Tr	0.3	88	74	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.1	*	*	*
Westminster (St. James' Park)	27	*	*	*	59	56	*	0.2		0.0	82	76	*
Regents Pk. (Botanic Gardens)‡	168	*	*	*						0.2			*
Camden Square	110	cp.ccp	cp	*	61	54	54	Tr	Tr	*	*	54	*
Kensington	80	c	ocp	*	57	55	54	Tr	-	0.0	At 18h. 88	82	*
Hampstead Observatory	480	cop	op	oc	56	52	45	0.1	0.3	0.3	*	99	*

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	19hrs 22nd	<0.3	1-2hrs 23rd

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

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 22nd May Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 23rd May Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1022.8	SSW	3	bc	66	1023.9	-	0	b	61	68	46	-	-
Brussels	1023.0	SSW	3	c	63	1024.6	S	2	b	63	68	52	-	-
Berlin	1022.5	NW	3	c	66	1026.7	-	0	bc	63	69	*	-	*
Zürich	1023.9	NNE	2	b	61	1023.5	NE	1	Z.	54	*	*	-	-
Rome						1019.0	NNW	3	c	63	*	*		-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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, 24th May, 1937.
No. 27577.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	°Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base (feet) (14)	Sunshine 22nd Hrs. (36)
1	London (Kew)	1020·5	-10	SW	4	bc	68	65	8	2	-	1	4-6	4-6	2500	0·4
	Croydon ...	1021·1	-6	SSW	4	c	67	65	9	1	-	4	4-6	7-8	4000	0·2
	S. Farnborough	1020·5	-6	SW	4	c	66	65	8	1	3	-	4-6	7-8	2500	0·1
	Boscombe Down	1020·1	-4	S	4	c	61	85	7	5	7	-	7-8	9+	800	0·0
	Calshot (Sthmtn.)	1021·0	-2	SE	3	c	61	85	8	8	7	-	7-8	9	4000	0·0
	Lympne ...	1022·5	-10	SES	3	bc	65	65	9	2	4	1	1	2-3	4000	2·6
	Manston ...	1022·0	-10	SSE	4	bc	67	65	9	7	-	8	1	2-3	2500	4·0
2	Shoeburyness ...	1021·6	-10	SSW	3	c	66	75	8	2	7	-	4-6	7-8	4000	1·9
	Felixstowe ...	1022·0	-10	SSE	3	bc	60	75	9	2	5	5	Tr	4-6	2500	4·4
	Gorleston ...	1021·4	-4	SE'S	5	bc	59	75	7	2	3	-	2-3	4-6	2500	8·5
	Mildenhall ...	1020·2	-6	SSW	5	c	66	65	8	8	-	-	9	9	2500	4·5
	Cranwell ...	1019·1	-2	SSW	4	c	63	65	9	2	7	-	2-3	9	2500	4·5
3	Birmingham ...	1019·2	+2	SSW	2	ir.	59	85	8	6	2	-	7-8	10	1500	3·1
	Upper Heyford	1019·8	-6	S	2	c	62	75	8	5	7	-	9	9+	1500	*
4	Ross-on-Wye	1018·3	+4	S	3	ir.	59	92	7	6	1	-	9+	10	2500	0·6
5	Portland Bill ...	1019·6	0	S	3	c	55	92	7	4	4	-	7-8	10	2500	*
	Plymouth ...	1017·9	-2	SSE	3	c/r	56	97	7	5	1	-	7-8	10	1500	0·4
	The Lizard ...	1016·9	-4	SSE	5	r.r.	54	97	7	6	2	-	9	10	1500	*
	Scilly (St. Mary's)	1015·3	0	SW	4	rr	53	97	6	6	-	-	10	10	1500	4·9
	Guernsey ...	1019·4	-8	SE	1	c	63	75	9	8	-	-	9+	9+	4000	0·2
6	Pembroke ...	1015·6	0	SSE	3	pr.	53	97	7	8	2	-	7-8	9+	4000	1·8
7	Holyhead ...	1015·7	0	SW	4	c	56	75	8	1	7	-	Tr	9+	2500	5·4
	Chester (Sealand)	1016·6	+2	SE	3	c	62	65	8	9	2	-	7-8	10	2500	3·9
8	Manchester ...	1017·4	+2	S	4	c	63	65	8	8	1	-	1	10	2500	5·2
10	Spurn Head ...	1018·6	+2	SW	4	c	66	65	7	7	2	-	4-6	9	1500	6·5
	Catterick ...	1016·4	+6	SW'S	3	c	64	55	7	2	-	7	4-6	9	4000	6·7
	Tynemouth ...	1015·9	+8	WSW	4	bc	62	75	7	2	-	2	4-6	4-6	1500	8·6
11	Inchkeith ...	1013·5	+16	SW	5	c	57	65	8	6	-	*	7-8	7-8	4000	7·1
	Leuchars ...	1013·1	+14	SW	5	bc	62	55	8	2	-	1	4-6	4-6	4000	11·0
12	Renfrew (Abbots I.)	1013·5	+22	SW	4	c	60	55	9	2	8	6	4-6	7-8	2500	8·2
	Eskdalemuir ...	1015·4	+8	SW'S	6	bc	57	65	8	7	-	6	2-3	4-6	4000	6·7
	Point of Ayre...	1016·2	+18	SWW	4	c	60	85	8	2	2	-	1	9	1500	8·0
13A	Tiree	1010·7	+26	SW	5	bc	57	75	8	4	7	8	2-3	2-3	1500	11·0
13E	Stornoway ...	1006·7	+2	SSW	7	c/pr	52	85	8	8	7	-	4-6	9	2500	13·2
15	Dalwhinnie ...	1011·8	+28	SW	6	bc	55	65	8	4	6	-	2-3	4-6	2500	7·5
	Aberdeen ...	1011·2	0	SSW	6	bc	62	55	8	7	-	9	2-3	2-3	2500	14·2
	Wick ...	1009·0	+6	SSW	2	bc	57	75	7	5	2	-	2-3	4-6	800	*
16	Lerwick ...	1011·3	-8	SSE	4	F	48	97	1	-	-	-	10	10	<150	11·1
17	Blacksod Point	1010·5	+20	S	4	bc	58	75	8	2	-	1	2-3	4-6	2500	*
18	Malin Head ...	1011·1	+10	SWW	3	jp	57	75	8	8	5	-	4-6	9	2500	5·3
	Aldergrove ...	1013·1	+6	SSW	4	c	59	65	9	4	-	6	9+	9+	1500	6·0
19	Birr Castle ...	1011·7	+4	SSE	2	c	60	65	8	8	7	-	7-8	9+	2500	2·2
20	Valentia Obsy. †	1010·6	0	S	6	c	59	65	8	8	-	2	4-6	7-8	2500	5·1
	Roches Point	1013·0	-2	SW	4	c	56	85	8	3	1	5	2-3	7-8	1500	*

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

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)	1018·8	-12	SSE	3	bc	60	55	8	1	7	6	Tr	4-6	2500	1	*
	Croydon ...	1019·2	-14	SE	3	bc	68	65	9	1	7	5	Tr	4-6	4000	1	*
	S. Farnborough	1018·4	-14	SSE	3	c	65	65	8	5	3	6	2-3	7-8	5700	1	*
	Boscombe Down	1019·3	-4	S'E	2	rr	57	97	6	6	2	-	9	10	800	1	*
	Calshot (Sthmtn.)	1018·5	-16	ESE	4	c	58	85	7	8	4	6	7-8	9	4000	1	2
	Lympne ...	1020·4	-14	E	3	bc	65	65	9	2	8	4	1	2-3	4000	1	1
	Manston ...	1020·0	-10	ESE	2	bc	67	65	9	8	-	1	1	2-3	2500	1	*
2	Shoeburyness ...	1020·0	-10	SE	2	b	67	65	9	4	1	-	Tr	1	4000	0	*
	Felixstowe ...	1021·0	-2	E	2	bc	58	85	8	4	4	4	Tr	2-3	4000	0	7
	Gorleston ...	1020·7	0	SES	3	bc	60	75	7	-	3	-	0	4-6	-	0	3
	Mildenhall ...	1019·1	-8	S'E	2	c	67	65	8	1	1	6	Tr	7-8	4000	0	*
	Cranwell ...	1018·5	-6	S	2	c	62	85	9	8	4	7	Tr	9+	2500	1	*
3	Birmingham ...	1016·2	-6	SSW	3	c/r	57	92	7	9	7	-	4-6	9+	1500	1	*
	Upper Heyford	1016·7	-6	S	2	c	63	75	7	5	7	-	7-8	9	2500	1	*
4	Ross-on-Wye	1017·0	-8	S	3	c/r	57	97	7	6	1	-	9+	10	1500	1	*
5	Portland Bill ...	1017·8	+14	E	3	c	55	92	7	4	7	-	7-8	10	2500	1	3
	Plymouth ...	1016·5	-14	S	5	c	57	85	8	5	7	-	4-6	9+	4000	1	2
	The Lizard ...	1015·8	+4	S'E	4	c	54	97	7	4	2	-	9	10	1500	1	2
	Scilly (St. Mary's)	1013·7	-2	S'E	5	ir	55	97	6	8	6	-	7-8	10	1500	1	5
	Guernsey ...	1016·5	-6	NNW	1	c	65	75	9	8	1	-	4-6	7-8	2500	1	2
6	Pembroke ...	1014·7	-4	SSE	3	c	50	97	7	8	-	-	9+	9+	2500	1	3
7	Holyhead ...	1014·6	-12	SSE	4	r.r.	53	92	8	6	2	-	4-6	10	800	1	2
	Chester (Sealand)	1016·5	-6	-	0	rr	55	92	6	6	2	-	7-8	10	1500	1	*
8	Manchester ...	1016·5	+14	W	2	r.r.	55	92	6	6	-	-	10	10	800	1	*
10	Spurn Head ...	1018·4	0	S'E	3	c	58	85	7	5	2	-	4-6	10	1500	0	2
	Catterick ...	1016·6	+2	SW'S	2	ir.	58	85	7	5	7	-	4-6	10	1500	1	*
	Tynemouth ...	1016·2	0	ESE	1	c	52	85	7	9	2	-	7-8	10	1500	1	1
11	Inchkeith ...	1014·6	+4	SSW	3	c	57	75	8	5	7	-	4-6	9+	4000	0	2
	Leuchars ...	1014·8	+6	SW	4	c	59	55	8	4	8-	8	1	7-8	4000	1	*
12	Renfrew (Abbots I.)	1013·9	0	SSW	4	c	58	55	9	2	-	8	2-3	7-8	4000	0	*
	Eskdalemuir ...	1015·8	0	SW	3	c	52	75	8	5	2	-	10	10	5700	1	*
	Point of Ayre...	1016·4	-4	SE	2	c	53	85	8	8	1	-	4-6	9	800	1	2
13A	Tiree	1012·1	+4	S	3	c	55	75	8	2	6	6	Tr	7-8	2500	0	2
13E	Stornoway ...	1009·8	+10	SW	6	bc	53	75	8	3	7	3	2-3	4-6	1500	1	3
15	Dalwhinnie ...	1013·7	+8	S	5	c	53	65	8	4	6	8	2-3	7-8	4000	0	*
	Aberdeen ...	1014·4	+18	SW	3	c	61	45	8	4	3	8	1	7-8	4000	1	1
	Wick ...	1011·4	+18	SSW	4	bc	55	65	8	7	7	8	2-3	4-6	1500	1	2
16	Lerwick ...	1010·9	-4	SW	5	bc	53	75	8	5	-	-	2-3	2-3	2500	1	*
17	Blacksod Point	1009·3	-8	SE	2	bc	58	55	8	3	-	-	4-6	4-6	2500	0	2
18	Malin Head ...	1012·0	+8	E'N	3	c	53	92	8	3	-	2	4-6	7-8	2500	1	1
	Aldergrove ...	1012·6	-8	S	4	bc	58	65	8	3	4	8	1	2-3	2500	1	*
19	Birr Castle ...	1011·2	-6	SSE	2	c	61	55	8	2	-	5	4-6	7-8	2500	1	*
20	Valentia Obsy. †	1008·3	-10	SSE	5	c	58	65	8	7	-	6	4-6	9	2500	1	2
	Roches Point	1011·0	-6	SSE	5	c	55	92	8	6	1	-	4-6	9	1500	1	4

PAST 24 HOURS.

District	Stations.	Weather. 7h.—12h. 23rd (37)	12h.—18h. 23rd (38)	18h.—1h. 23rd to 24th (39)	1h.—7h. 24th (40)
1	London (Kew)	cbc.	bybcy. ⊕	ccrr.	r.cm.
	Croydon ...	cld.cbcv	bcvy	cbbc	bcwc
	S. Farnborough	c	cbcyc	cRtr.R	c
	Boscombe Down	r	crrm.	crrm.c	cffcbc
	Calshot (Sthmtn.)	c.	c.	cprPr.tcb	bcc
	Lympne ...	cbv	bvy.	b,bw	bcwbc
	Manston ...	bcbbcv	bcy	bcvbcw	bbc
2	Shoeburyness ...	cb,c.	cbr.	bvbc	bccw
	Felixstowe ...	cbcv	bcvb.	bbc	bcbwm.
	Gorleston ...	cbc.	bc.	bccq	bccz.
	Mildenhall ...	c	cbcyc.	c	c
	Cranwell ...	c	cr.r.c.	cr.r.	r.r.cfc
3	Birmingham ...	cir.	cprok.	cir.bc	bcc
	Upper Heyford	cir.	cprc.	ciRc	cm.
4	Ross-on-Wye	cir.or	ir.orr.	id.c	cpc
5	Portland Bill ...	odc.	opr.	cbc	bcc
	Plymouth ...	or.ir.	c.	cbccod	oddmid
	The Lizard ...	omrr	orrc.	cpr.o	ofmpr
	Scilly (St. Mary's)	corr	rrcir.	oir.d.	od.cr.
	Guernsey ...	c.	c.	cbcc	cbc
6	Pembroke ...	bcpr.c	circ.	cqirm.c	cidm.
7	Holyhead ...	b,c	cr.r.c.	r.bcr.c	cr.R
	Chester (Sealand)	cpcyc.	crr.	crrc	cir.m.
8	Manchester ...	c	r.rRR.	RRr.r.	crr.r.m.
10	Spurn Head ...	c.	pr.c	crrtl	prc
	Catterick ...	bccy	cycr.	r.oRm.r	om.fr.
	Tynemouth ...	bc.	bc.o.	cor.m	cbc
11	Inchkeith ...	ir.c	c.	c	c
	Leuchars ...	cprbc	bccy	cybcw	bcw
12	Renfrew (Abbots I.)	bo	bccy	cybc	bccz.
	Eskdalemuir ...	ir.cbc.	bcc.	r.r.c	ccRrr
	Point of Ayre...	bcc	c.	c	cir
13A	Tiree	rRcb.	bbcc.	cbc	bcc
13E	Stornoway ...	cRRpr.	rr,c.	bcb	bbc
15	Dalwhinnie ...	cir.	cir.o.	•	c
	Aberdeen ...	bcz.bcy	bcycby	cyc	bcbz.w
	Wick ...	prtbc	bc	cbc	bc
16	Lerwick ...	cFFrr	Fbc	bc	bc
17	Blacksod Point	bc	bc.	bc	ir
18	Malin Head ...	bc	bcth.	bc	cir.
	Aldergrove ...	cr.cbc	cv.jpb.	b,cir.c	ccir.
19	Birr Castle ...	bbcc.	cpr.cy.	cpr	cprc
20	Valentia Obsy. †	cbcc	ccyc.	cpr.c	crrc
	Roches Point	bcc.	cprc.	cir.	cir.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.

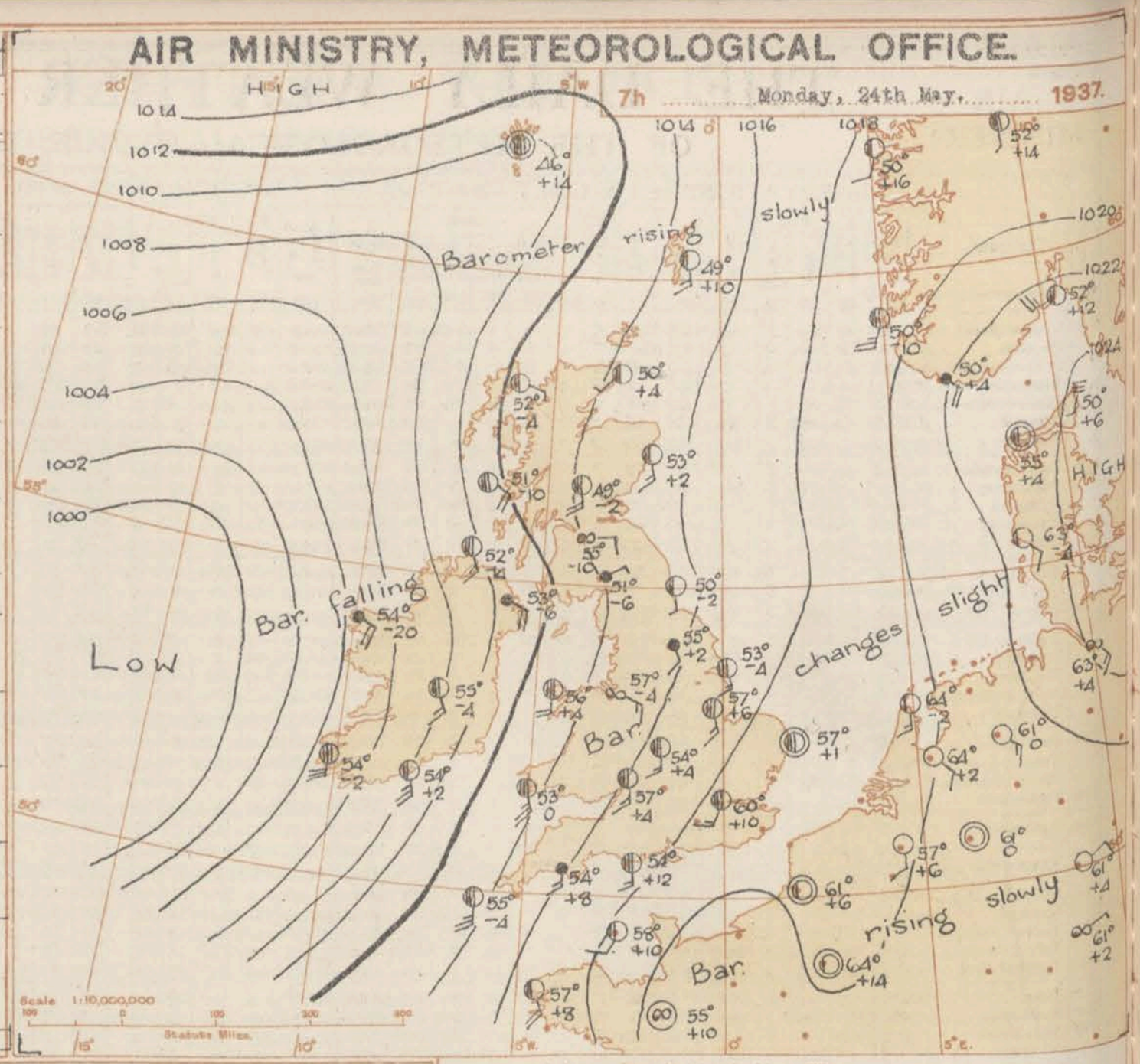
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 23rd May, 1937.

Districts	Stations.	Weather. Forenoon.	Weather. Afternoon.	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	bcb	52	73	1	-	10.4	0.5
	Bournemouth	ocbc	cor	52	62	3	0.5	0.6	0.0
	Ventnor ...	ow.oc	cbc	51	64	-	-	2.9	0.0
	Southsea ...	ocob	bcbc	51	66	0.3	-	2.6	0.0
	Bognor Regis	bcc	cbcbc	51	65	0.5	-	4.0	0.0
	Littlehampton	cbc	bc	52	65	0.2	-	4.0	0.5
	Worthing ...	c	cbcb	51	64	0.5	-	5.3	0.1
	Brighton ...	cb	b	51	68	0.3	-	4.7	0.0
	Eastbourne† ...	bcb	bbcbv	53	64	-	-	9.7	0.1
	Hastings† ...	bcbb	bbv	52	63	Trace	-	8.7	1.1
	Folkestone ...	cbcbb	b	52	72	Trace	-	8.7	3.7
	Dover ...	bc	bc	53	72	Trace	-	9.3	2.5
	Deal	bc	b	54	72	-	-	9.7	1.5
	Ramsgate ...	bcb	b	52	69	-	-	10.2	4.0
	Margate ...	bc	bc	54	71	-	-	9.7	4.1
2	Southend ...	b	b	54	70	-	-	7.7	1.1
	Maldon ...	bbc	bv	55	72	-	-	7.8	1.9
	Clacton-on-Sea	cbc	bcv	55	62	-	-	8.2	3.2
	Dovercourt ...	bcv	bc	54	66	-	-	9.7	4.9
	Lowestoft ...	bbcbb	bbccb	52	64	Trace	-	8.9	7.8
	Skegness ...	bc	bc	54	68	Trace	-	6.1	7.0
	Mablethorpe...	cbc	bccu	54	68	Trace	-	6.4	6.4
	Cleethorpes ...	cbc	bcc	55	69	0.5	-	2.6	6.1
3	Leamington S.	cb	c	53	65	2	-	0.1	1.7
4	Cheltenham†	or	ocpc	54	63	3	0.3	0.0	1.1
5	Bath	cir	cir	52	65	2	0.3	0.3	1.0
	Weymouth ...	rec	pccp	52	60	3	2	0.3	0.7
	Jersey ...	cpbc	bcpc	53	68	Trace	0.3	2.0	0.0
	Torquay ...	odp	orpo	53	57	5	1	0.0	0.2
	Penzance ...	cidr	rrec	54	56	3	8	0.0	3.5
	St. Ives ...	pr	r	53	56	11	11	0.0	5.0
	Bude... ...	bcc	cro	52	61	2	3	0.9	1.1
	Ilfracombe ...	orro	cndro	53	61	3	3	0.7	3.0
6	Aberystwyth	cbcc	orr	42	53	1	7	4.4	4.8
7	Llandudno ...	bbcc	cor	54	61	1	1	4.4	4.5
	Colwyn Bay...	bcbcb	bccor	53	60	1	1	4.2	4.0
	Rhyl	cbcc	cprpr	53	69	1	2	2.9	3.3
8	Wallasey ...	bcc	coNr	55	63	1	18	3.9	6.5
	Southport ...	cbcco	otiR	53	63	1	7	3.8	7.0
	Blackpool ...	bcc	cor	53	61	4	4	4.0	7.6
	Morecambe ...	rbbc	bccr	53	59	8	1	6.3	3.7
9	Ilkley... ...	bc	cod.o	53	65	-	Trace	4.0	4.9
	Harrogate ...	c	c	53	64	-	-	2.6	5.6
10	Berwick-on-T.	bc	bcco	48	61	1	-	6.8	10.7
11	Dunbar ...	bc	bc	48	63	0.5	-	8.2	9.1
12	Troon... ...	hcbcc	cbcbc	50	59	0.3	-	6.2	7.4
	Douglas ...	cbpr	bccb	49	56	3	Trace	6.0	6.0

† 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 May. 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England	Light to moderate southerly winds; bright periods; local thunderstorms; local morning mist; warm to very warm.
11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Light to moderate southeast to south winds; occasional rain at first, later bright periods with tendency for local thunder; rather warm.
13 A. W. Scotld. B. N.W. Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Light to moderate variable to southerly winds; occasional rain, perhaps thunder; rather warm.
17 N. W. Ireland 18 N. E. Ireland	Moderate to fresh southerly winds; occasional thundery rain; bright periods; rather warm.
19 S. E. Ireland 20 S. W. Ireland	Moderate to strong southerly winds; bright periods; occasional local rain; perhaps thunder; rather warm.

GENERAL INFERENCE.

A depression, centred about 300 miles to the west of Ireland, remains almost stationary. Apart from a belt of rain moving northwards over Southern Scotland and Northern Ireland and a tendency for local thunderstorms weather will be mainly fair and warm.

FURTHER OUTLOOK.

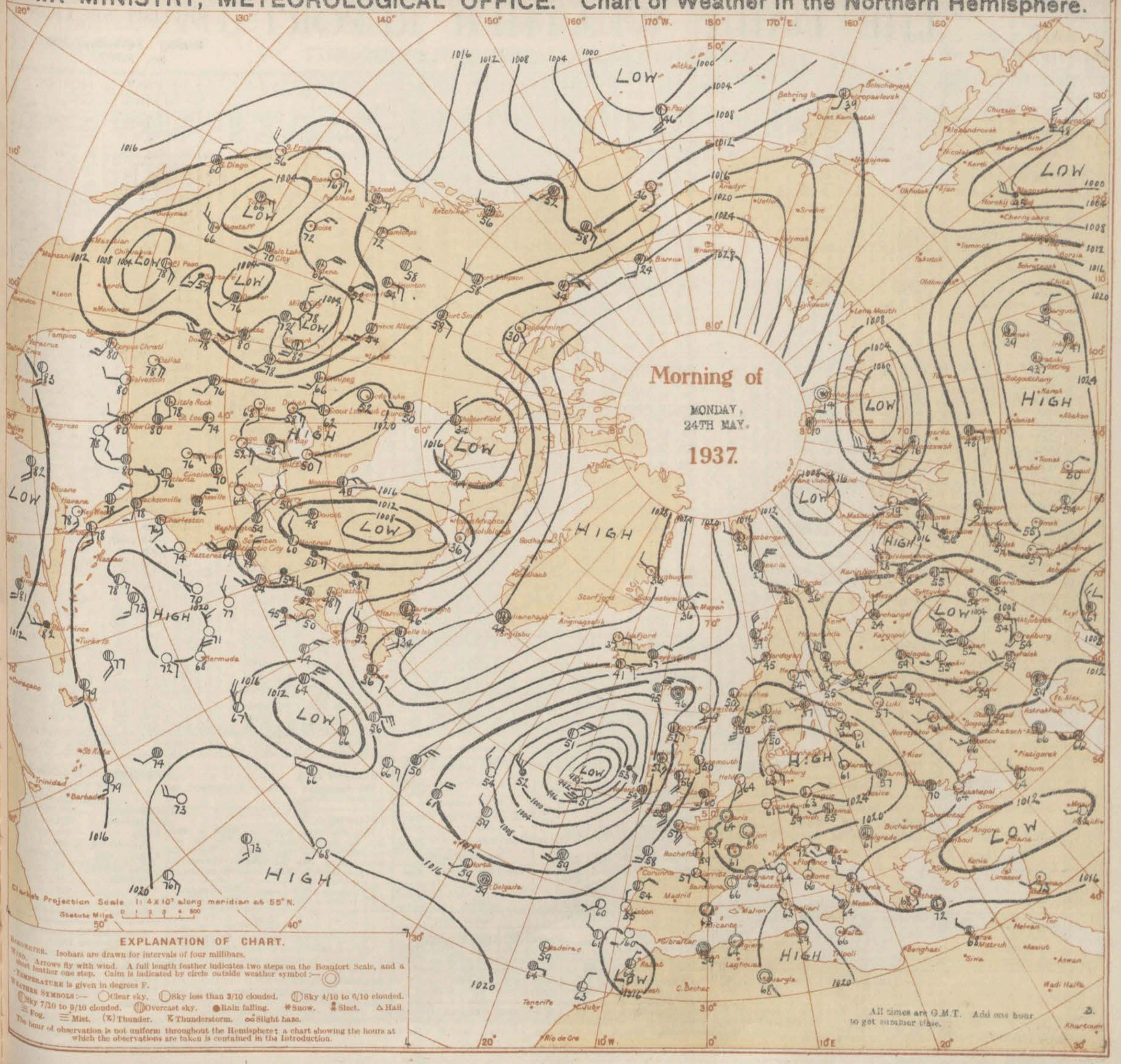
Similar.

Forecasts issued at 0930 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.



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.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 24th May, 1937.
No. 27577.

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

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	1018·4	-4	ESE	2	c	56	92	8	-	3	-	0	7·8	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1019·1	-10	SE'E	3	bc	61	75	8	-	-	1	0	2·3	-
	Manston ...	142	1018·8	-6	SSE	2	b	56	85	8	-	-	1	0	1	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1019·5	-4	SW'S	2	c	53	92	8	3	7	-	4·6	7·8	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1017·0	-4	SE	2	bc	54	92	8	4	4	-	2·3	4·6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1014·6	-4	SSE	4	o	53	97	7	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	1013·3	-2	S	5	id.	54	97	6	5	-	-	10	10	1500
	Guernsey ..	175	1013·8	0	WN	1	c	55	92	9	-	1	-	0	7·8	-
6	Pembroke ...	142	1012·9	-6	SSE	5	ir	53	97	5	5	-	-	10	10	1500
7	Holyhead ...	26	1014·2	-2	SSE	3	r.r.	54	92	7	6	2	-	4·6	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1018·4	0	S'W	3	RR	55	92	6	5	2	-	10	10	450
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1017·1	0	S	1	ir.	49	97	4	-	2	-	10	10	1500
11	Inchkeith ...	190	1015·3	+4	SSW	1	c	53	85	8	5	3	-	4·6	7·8	4000
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1015·3	0	S	3	c	52	97	7	8	-	-	9+	9+	800
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1012·7	+10	SSW	4	bc	48	92	7	5	-	-	2·3	2·3	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1013·5	+8	SW	1	bc	48	85	8	5	7	-	2·3	4·6	1500
16	Lerwick ...	150	1014·2	+8	SSW	3	bc	47	92	8	4	-	-	4·6	4·6	1500
17	Blacksod Point	18	1007·6	-16	SE	4	c	54	85	7	3	-	7	1	9	1500
18	Malin Head ...	84	1011·2	-10	S	2	c	51	92	7	4	1	-	4·6	7·8	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1006·1	-10	S	6	c	54	97	8	9	-	-	9+	9+	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1018·5	+16	WSW	2	z_o	60	85	6	-	-	8	0	9	-	1	*
	Croydon ...	1018·4	+10	SSW	3	c	60	75	7	1	9	1	Tr	9	4000	1	*
	S. Farnborough	1018·4	+10	SSW	2	c	59	85	7	-	9	2	0	7·8	-	1	*
	Boscombe Down	1018·0	+8	S'E	3	c	54	97	7	5	9	-	2·3	7·8	5700	1	*
	Calshot (Sthmtn.)	1018·8	+14	SSW	2	c	57	97	7	-	3	9	0	7·8	-	1	1
	Lympne ...	1019·0	+6	SSE	1	bc	61	75	8	-	3	4	0	4·6	-	1	§1
	Manston ...	1018·3	+4	S'W	2	bc	61	85	8	-	-	6	0	4·6	-	1	*
2	Shoeburyness ...	1018·2	+2	SSE	1	c	63	75	8	2	3	6	Tr	7·8	5700	0	*
	Felixstowe ...	1018·6	+2	S'E	1	c	59	85	6	-	4	4	0	7·8	-	1	2
	Gorleston ...	1018·4	+2	-	0	c	57	85	6	5	7	4	2·3	7·8	2500	0	2
	Mildenhall ...	1017·3	0	S'W	1	c	60	85	8	8	7	6	2·3	9	5700	0	*
	Cranwell ...	1017·4	+6	SSE	3	c	57	92	6	5	7	-	1	9+	4000	1	*
3	Birmingham ...	1017·0	+4	S	3	c	54	92	6	-	7	-	0	7·8	-	1	*
	Upper Heyford	1017·9	+6	S	2	c	57	97	6	5	7	9	4·6	9+	4000	1	*
4	Ross-on-Wye	1016·2	+4	S	3	c	57	85	7	5	7	-	7·8	9+	1500	1	*
5	Portland Bill ...	1017·8	+12	S	3	c	54	92	8	4	-	-	10	10	2500	1	3
	Plymouth ...	1016·4	+8	S	3	id.	54	97	6	-	2	-	10	10	450	1	3
	The Lizard ...	1015·0	+4	S'E	5	c/pr	54	97	5	5	-	-	10	10	800	1	3
	Scilly (St. Mary's)	1012·5	-4	S	5	c/r	55	97	7	9	2	-	7·8	10	1500	1	3
	Guernsey ..	1019·0	+10	SSW	2	bc	58	85	9	-	7	-	0	2·3	-	1	2
6	Pembroke ...	1012·6	0	S'E	5	c	53	97	7	5	7	-	4·6	7·8	2500	1	3
7	Holyhead ...	1012·8	+4	S	4	bc	56	97	7	8	-	-	4·6	4·6	2500	1	2
	Chester (Sealand)	1014·5	-4	ESE	3	z_o	57	92	6	5	3	-	7·8	7·8	4000	1	*
8	Manchester ...	1015·8	+4	S'E	3	c/r	58	92	6	5	3	-	4·6	7·8	4000	1	*
10	Spurn Head ...	1017·1	-4	SSE	3	c	53	92	7	5	2	-	4·6	10	2500	1	2
	Catterick ...	1016·1	+2	SSE	2	rf	55	97	3	5	-	-	10	10	220	1	*
	Tynemouth ...	1015·9	-2	S	1	bc	50	92	6	5	-	-	4·6	4·6	1500	1	1
11	Inchkeith ...	1015·3	-2	E	2	bc	52	92	8	8	-	-	4·6	4·6	2500	0	1
	Leuchars ...	1015·0	-4	-	0	bc	53	75	9	5	4	2	4·6	4·6	2500	1	*
12	Renfrew (Abbots I.)	1013·4	-10	E	2	z_o	55	75	5	5	-	-	10	10	1500	0	*
	Eskdalemuir ...	1014·7	-6	NE'E	1	rr	51	97	6	6	-	-	10	10	800	1	*
	Point of Ayre...	1012·9	-10	SSW	4	ir.	55	97	7	8	-	-	9+	9+	800	1	2
13A	Tiree ...	1011·2	-10	SE	4	c	51	85	8	-	9	8	0	9+	-	0	3
13B	Stornoway ...	1012·7	-4	ESE	1	bc	52	75	8	1	5	-	1	4·6	4000	1	0
15	Dalwhinnie ...	*	-2	S	4	c	49	75	7	4	6	7	2·3	10	2500	0	*
	Aberdeen ...	1015·7	+2	S'E	3	bc	53	75	6	-	3	9	0	2·3	-	0	1
	Wick ...	1014·2	+4	SW	1	bc	50	92	8	5	7	-	2·3	2·3	2500	1	0
16	Lerwick ...	1015·2	+10	S	3	bc	49	85	8	1	-	1	2·3	2·3	2500	0	*
17	Blacksod Point	1004·6	-20	SE	4	rr	54	85	7	6	-	-	10	10	800	1	3
18	Malin Head ...	1009·1	-14	SSE	3	c/r	52	92	7	9	2	-	7·8	9	1500	1	1
	Aldergrove ...	1010·8	-6	SE'E	4	ir.	53	92	7	5	-	-	10	10	800	1	*
19	Birr Castle ...	1007·8	-4	SSE	3	c	55	85	8	5	1	-	7·8	10	2500	1	*
20	Valentia Obsy. †	1004·1	-2	S	6	c/r	54	75	8	6	2	8	4·6	9	1500	1	2
	Roches Point	1007·8	+2	S'E	5	c	54	92	8	5	1	-	2·3	9	1500	1	4

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Night 18h–7h mm. (35)	Sunshine 23rd Hrs. (36)
1	London (Kew)	71	55	47	-	1	8·0
	Croydon ...	71	55	52	Tr.	-	9·4
	S. Farnborough	68	53	51	-	8	7·1
	Boscombe Down	63	50	44	4	4	0·7
	Calshot (Sthmtn.)	62	53	49	-	4	0·8
	Lympne ...	68	54	47	-	-	10·3
	Manston ...	70	55	52	-	Tr	12·0
2	Shoeburyness ...	71	47	42	-	-	9·8
	Felixstowe ...	63	52	45	-	-	11·4
	Gorleston ...	66	52	51	-	-	10·1
	Mildenhall ...	69	54	52	-	Tr	6·4
	Cranwell ...	66	50	44	Tr.	0·3	1·6
3	Birmingham ...	61	52	48	7	1	0·0
	Upper Heyford	64	52	44	Tr.	6	*
4	Ross-on-Wye	60	54	49	6	0·4	0·8
5	Portland Bill ...	56	53	*	11	-	*
	Plymouth ...	58	54	52	3	1	0·0
	The Lizard ...	55	52	*	3	Tr.	*
	Scilly (St. Mary's)	56	53	*	18	0·4	0·0
	Guernsey ..	66	54	46	-	-	3·7
6	Pembroke ...	56	50	*	3	2	3·3
7	Holyhead ...	58	51	49	1	3	5·9
	Chester (Sealand)	60	54	50	4	4	3·7
8	Manchester ...	64	52	48	4	7	2·9
10	Spurn Head ...	68	51	*	Tr.	7	2·8
	Catterick ...	66	50	46	0·1	8	6·3
	Tynemouth ...	65	49	47	-	3	6·3
11	Inchkeith ...	59	48	48	1	-	6·8
	Leuchars ...	62	47	39	1	-	9·4
12	Renfrew (Abbots I.)	62	49	41	-	-	10·4
	Eskdalemuir ...	58	45	41	Tr.	2	4·8
	Point of Ayre...	64	50	*	-	1	6·2
13A	Tiree ...	58	46	44	1	-	7·9
13B	Stornoway ...	54	45	*	14	-	2·6
15	Dalwhinnie ...	56	35	29	1	-	8·2
	Aberdeen ...	64	46	39	-	-	9·0
	Wick ...	62	46	*	0·1	-	*
16	Lerwick ...	55	46	*	2	-	4·7
17	Blacksod Point	58	50	*	-	0·2	*
18	Malin Head ...	59	49	*	5	0·2	6·6
	Aldergrove ...	61	49	47	Tr.	0·1	10·4
19	Birr Castle ...	61	52	49	Tr.	4	10·8
20	Valentia Obsy. †	61	54	51	-	3	11·3
	Roches Point	57	53	*	1	1	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather Morning (24 hrs. ended 9h.)	Afternoon	Night	Temperature Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Night mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity 15h. G.M.T % (Yesterday.)	9h. G.M.T % (To-day.)	Visibility 9h. (To-day.)
Kew ...	18	cbc	bybcy⊕	ccrr.	71	55	47	-	1	8·0	•	•	8
Croydon ...	217	cidcbcv	bcvy	cbbc	71	55	52	Tr	-	9·4	•	•	8
Greenwich (Royal Observatory) ...	149	cbc	bcby	c	75	53	45	-	-	10·7	54	63	7
City (Bunhill Row) ...	—	•	•	•	•	•	•	•	•	9·2	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	71	58	51	Trace		8·9	52	67	•
Regents Pk. (Botanic Gardens)‡ ...	168	•	•	•	72	56	51	-	-	9·3	53	69	•
Camden Square ...	110	c	cbcb	•	74	56	51	-	-	•	•	64	•
Kensington ...	80	bc	cbc	•	71	55	50	-	-	8·4	At 18h. 49	61	•
Hampstead Observatory ...	450	bc	bc	bc	69	53	41	-	-	7·3	•	69	•

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

South Kensington. Max.	Time.	Min.	Time.	Kew Observatory. Max.	Time.	Min.	Time.
0·3	3·6h. 24th	<0·3	13·16h 23rd.	0·2	1h. 24th.	<0·1	7-18h 23rd.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 23rd May Barom. mb.	Wind. Direc.	Force.	Weather.	Temp. °F.	7h. G.M.T. 24th May Barom. mb.	Wind. Direc.	Force.	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Night mm.
Paris ...	1019·1	ESE	2	b	73	1019·9	-	0	b	64	75	54	-	-
Brussels ...	1020·6	ENE	2	b	72	1019·5	S	2	b	57	75	55	-	-
Berlin ...	1024·8	SE	1	bc	72	?	SE	4	bc	64	75	54	-	-
Zurich ...						1021·8	NNW	1	b	55		45		-
Rome ...	1015·5	NW	4	bc	68	1018·1	NNE	1	b	66	*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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METEOROLOGICAL OFFICE, AIR MINISTRY, ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2. 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, 25th May, 1937.
No. 27578.

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

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)	Cloud Form Med. (10)	Cloud Form High (11)	Amount Low 0-10 (12)	Amount Total 0-10 (13)	Height of Base (feet) (14)
1	London (Kew)	1019.3	+6	SW	3	bc	69	65	8	2	-	-	7-8	7-8	2500
	Croydon	1019.4	+6	SW	3	bc	69	65	8	1	-	-	7-8	7-8	4000
	S. Farnborough	1018.4	+6	SW	4	bc	66	65	8	1	-	-	4-6	4-6	4000
	Boscombe Down	1019.3	+6	SSW	4	c	63	75	8	7	-	-	9+	9+	1500
	Calshot (Sthmtn.)	1020.0	+4	SSW	3	b	65	75	8	8	4	1	1	1	4000
	Lympne	1020.2	+2	SSW	4	bc	70	65	8	1	-	1	2-3	2-3	2500
	Manston	1018.7	+4	S'W	3	bc	73	65	9	1	-	1	2-3	2-3	2500
2	Shoeburyness	1019.2	0	SW	3	bc	74	55	8	2	-	1	2-3	4-6	4000
	Felixstowe	1018.9	+2	SSE	3	bc	65	65	8	8	4	1	2-3	4-6	2500
	Gorleston	1018.5	-2	SEE	4	bc	58	75	6	7	-	5	2-3	2-3	2500
	Mildenhall	1017.8	0	SSW	4	bc	73	45	8	8	4	-	2-3	2-3	4000
	Cranwell	1017.2	0	SSW	4	c	68	65	9	8	3	9	9	9+	4000
3	Birmingham	1017.2	+6	SSW	3	bc	64	75	7	8	-	-	4-6	4-6	1500
	Upper Heyford	1019.0	+6	SW'S	3	bc	66	65	8	8	3	9	4-6	4-6	1500
4	Ross-on-Wye	1017.0	0	SSW	4	q	64	75	8	8	-	-	9+	9+	2500
5	Portland Bill	1019.3	+6	S	3	bc	58	85	8	4	-	1	2-3	4-6	2500
	Plymouth	1017.6	+6	S'E	5	c	59	85	8	5	7	-	4-6	9	4000
	The Lizard	1016.4	+4	S'E	4	bc	57	92	7	7	-	-	2-3	2-3	4000
	Scilly (St. Mary's)	1014.4	+6	S'W	5	c	60	85	6	5	6	-	4-6	7-8	1500
	Guernsey	1019.3	0	SE	2	bc	63	75	8	7	3	-	2-3	4-6	2500
6	Pembroke	1013.4	+4	SW	5	q	65	97	5	5	-	-	9+	9+	2500
7	Holyhead	1013.2	0	S'W	5	dodo	57	97	6	5	2	-	7-8	10	450
	Chester (Sealand)	1014.7	-4	SE	5	c	66	65	8	8	-	-	7-8	7-8	2500
8	Manchester	1015.7	+2	SSW	4	bc	67	55	7	8	3	-	2-3	4-6	4000
10	Spurn Head	1017.2	0	SE'S	3	c	59	85	7	2	4	9	2-3	7-8	4000
	Catterick	1014.7	+2	SSW	3	c	68	65	7	8	4	6	4-6	7-8	2500
	Tynemouth	1015.3	-2	SE	1	c/pr	54	85	6	9	-	-	7-8	7-8	1500
11	Inchkeith	1013.9	-6	NE	1	c	53	92	7	8	-	-	7-8	7-8	2500
	Leuchars	1013.9	-10	E	2	zo	57	85	6	8	-	-	9	9	1500
12	Renfrew (Abbots I.)	1012.5	-2	S'W	4	c	61	55	8	3	2	8	4-6	9+	4000
	Eskdalemuir	1013.5	0	SSW	5	bc	63	65	7	7	-	9	4-6	7-8	2500
	Point of Ayre	1013.5	+2	S'W	3	iro	54	92	7	8	7	*	1	10	1500
13A	Tiree	1009.5	-4	SSE	5	c	54	85	7	5	1	-	4-6	10	1500
13B	Stornoway	1011.4	-10	NE	4	c	55	75	9	4	1	-	7-8	10	5700
15	Dalwhinnie	1013.6	0	S	4	c	54	75	7	4	2	-	7-8	10	2500
	Aberdeen	1014.7	-8	ESE	2	c	52	85	6	-	2	-	0	10	-
	Wick	1013.8	-8	ESE	3	c	53	85	8	5	1	-	7-8	9+	1500
16	Lerwick	1014.0	-4	S	3	bc	52	75	8	1	-	1	2-3	2-3	4000
17	Blacksod Point	1005.1	+10	S	6	c	60	75	8	9	-	4	7-8	7-8	1500
18	Malin Head	1007.9	-4	SSE	4	c/r	59	75	7	9	2	-	7-8	10	1500
	Aldergrove	1009.9	-6	S'E	5	c	60	75	8	5	7	-	2-3	9+	1500
19	Birr Castle	1007.8	+2	SSE	3	c	60	85	8	8	7	-	4-6	9+	2500
20	Valentia Obsy. †	1007.4	+16	SW	5	c	56	75	8	8	1	-	4-6	10	2500
	Roches Point	1009.3	+14	S	4	c	56	85	8	3	1	-	2-3	9	1500

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

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)	Cloud Form Med. (24)	Cloud Form High (25)	Amount Low 0-10 (26)	Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
1	London (Kew)	1019.1	-2	SW	2	bc	74	55	8	1	-	-	2-3	2-3	2500	1	*
	Croydon	1019.3	-2	SSW	3	b	69	65	9	1	-	-	1	1	5700	1	*
	S. Farnborough	1019.2	0	SSW	2	bc	67	65	8	1	-	-	2-3	2-3	4000	1	*
	Boscombe Down	1018.8	-2	SSW	3	bc	65	65	8	1	-	9	2-3	2-3	2500	1	*
	Calshot (Sthmtn.)	1019.3	-6	S'E	2	b	62	85	8	1	4	-	Tr	Tr	4000	0	§ 1
	Lympne	1020.5	-4	SSW	2	b	65	75	9	-	-	-	0	0	-	0	1
	Manston	1019.6	+6	SW	3	b	69	55	9	-	-	1	0	Tr	-	0	*
2	Shoeburyness	1019.8	0	SW'W	2	b	70	65	8	-	-	-	0	0	-	0	*
	Felixstowe	1019.1	+2	S	3	b	65	76	8	1	4	1	Tr	Tr	2500	0	2
	Gorleston	1018.3	0	SE	1	bc	61	75	6	8	-	-	4-6	4-6	2500	0	2
	Mildenhall	1018.4	0	SW	3	bc	69	65	8	1	-	-	2-3	2-3	4000	0	*
	Cranwell	1017.0	-4	S'W	4	bc	68	65	9	8	4	3	Tr	2-3	2500	0	
3	Birmingham	1017.2	0	SSW	3	b	64	45	8	1	-	-	1	1	2500	1	*
	Upper Heyford	1019.2	+2	SW'S	3	bc	64	65	8	1	3	1	2-3	2-3	2500	1	*
4	Ross-on-Wye	1017.2	+4	SSW	3	bc	63	75	8	1	-	-	4-6	4-6	2500	1	*
5	Portland Bill	1018.5	+4	SE	3	bc	56	92	8	4	4	-	2-3	4-6	2500	1	3
	Plymouth	1017.8	-2	S	5	c	59	85	8	8	3	9	Tr (2-3)	7-8	4000	1	3
	The Lizard	1016.2	0	SSE	4	c	55	92	7	4	6	-	7-8	9	2500	1	3
	Scilly (St. Mary's)	1014.5	-8	S	5	pro	56	92	7	8	9	-	4-6	9+	1500	1	3
	Guernsey	1018.7	-12	SE	1	bc	67	55	9	-	3	-	0	2-3	-	0	1
6	Pembroke	1014.1	+2	S	4	pro	54	92	7	5	6	-	7-8	9+	2500	1	3
7	Holyhead	1013.9	0	SSW	4	bc	56	85	7	5	-	3	2-3	4-6	1500	1	3
	Chester (Sealand)	1015.3	+4	S'E	3	bc	66	55	8	2	4	-	1	2-3	4000	1	*
8	Manchester	1015.9	+6	SSW	4	bc	66	55	8	1	4	-	2-3	4-6	4000	0	
10	Spurn Head	1017.3	0	SW'S	3	c	66	65	8	1	8	5	Tr	4-6	4000	0	3
	Catterick	1014.6	0	SW'S	4	bc	67	65	7	8	4	-	4-6	4-6	4000	1	
	Tynemouth	1013.8	-4	SW	3	bc	67	55	6	9	-	-	7-8	7-8	1500	1	1
11	Inchkeith	1012.6	-2	SSE	2	c	57	92	8	5	-	-	9+	9+	2500	1	1
	Leuchars	1013.4	-2	SW	3	iro	58	85	6	5	7	-	7-8	9+	1500	1	*
12	Renfrew (Abbots I.)	1012.1	-2	SSW	4	bc	60	75	7	2	6	9	4-6	7-8	4000	0	*
	Eskdalemuir	1014.1	0	S'W	5	bc	54	92	7	5	-	1	7-8	7-8	800	1	
	Point of Ayre	1013.2	-2	SW	6	bc	59	75	8	2	4	9	2-3	4-6	2500	1	3
13A	Tiree	1008.8	-4	SSE	4	c	53	92	8	5	9	8	4-6	9	2500	0	3
13B	Stornoway	1010.1	-4	S	3	pro	53	85	8	5	7	-	4-6	9+	2500	1	2
15	Dalwhinnie	1011.5	-2	S	3	c	53	85	7	4	2	-	4-6	10	2500	1	
	Aberdeen	1013.6	-6	S	2	c	58	85	6	5	9	-	4-6	7-8	4000	0	1
	Wick	1011.8	-8	ESE	3	c	50	97	7	5	9	-	4-6	7-8	800	1	1
16	Lerwick	1015.4	+6	S	3	c	50	85	8	8	7	-	4-6	10	2500	0	
17	Blacksod Point	1006.1	+8	S	4	bc	55	65	8	3	3	-	2-3	4-6	1500	1	3
18	Malin Head	1007.4	-4	SSE	3	c/pr	60	85	8	9	8	-	7-8	7-8	1500	1	1
	Aldergrove	1009.6	-2	S	4	c	60	75	7	8	3	-	4-6	7-8	1500	1	
19	Birr Castle	1008.6	+4	SSE	2	c/c	55	85	8	5	1	-	7-8	10	2500	1	*
20	Valentia Obsy. †	1007.2	-2	S	4	c	55	75	8	5	-	-	9	9	2500	1	2
	Roches Point	1009.3	-6	S	5	ir	56	97	7	6	2	-	4-6	10	1500	1	4

PAST 24 HOURS. — Weather

District	Stations	7h.—13h. 24th (37)	13h.—18h. 24th (38)	18h 24th to 1h 25th (39)	1h.—7h. 25th (40)
1	London (Kew)	cmobc	bcy	bcyb	cprobc
	Croydon	cvbcv	bcv	bvbcw	cprc
	S. Farnborough	cbc	bcbv	bbccpro	bccprobc
	Boscombe Down	bcc	cbcb	b,c	bcc
	Calshot (Sthmtn.)	bcb	bbcb	bbwbcprobc	bcb
	Lympne	bcb	bbv	bccbw	bcwcproc
	Manston	bcybcv	bcbvy	bvybw	bwproc
2	Shoeburyness	czobcy	bcybv	bvbc	bccir
	Felixstowe	bcwbc	bc,b	bbmo	bccw
	Gorleston	cbczo	bcczo	bbczow	bc
	Mildenhall	cbc	bcy	bw	b,cpro
	Cranwell	c	cbc	bbc	bccprocPR
3	Birmingham	b	bc	b	b,cpr
	Upper Heyford	cmobc	bc	bcbmo	bbccro
4	Ross-on-Wye	cbcc	bc	bccb	bccpbbc
5	Portland Bill	cbc	bc	c	c
	Plymouth	c (cidoToc)	cbcc	cbcb	bwbccm
	The Lizard	cbc	bcc	cbcc	FFebc
	Scilly (St. Mary's)	cdobcc	bccpo	cricc	cido
	Guernsey	bc	bc	ctlPR	bc
6	Pembroke	ciDmoqc	cqpro	cqPR	cmidoqc
7	Holyhead	rododomoc	cdomobc	bcc	c
	Chester (Sealand)	cmobcc	cbcy	bbc	bccmo
8	Manchester	cpocprbc	bcy	bcyc	cmoproPR
10	Spurn Head	c	c	cbc	bccpr
	Catterick	fmcmoc	cbcy	bcbw	mowciro
	Tynemouth	bccpo	cbcc	cpobc	c
11	Inchkeith	bccpr	c	c	c
	Leuchars	crorocmo	cprororo	cmrocmo	cmcromo
12	Renfrew (Abbots I.)	rrorомoc	cypromod	bcc	ccmorr
	Eskdalemuir	cprc	crrc	bccmo	ccroiro
	Point of Ayre	ciro	cror	bccro	cror
13A	Tiree	cir	ciro	cPR	roiR
13B	Stornoway	bcc	croropro	cprorr	cdodo
15	Dalwhinnie	ciro	ciro		ciro
	Aberdeen	bcczo	ofbcm	cprbc	czo
	Wick	bcc	c	cbc	c
16	Lerwick	bc	bcc	oFFe	FFec
17	Blacksod Point	cq	prc	bcq	bc
18	Malin Head	ciro	cpr	cprc	cidr
	Aldergrove	ciroc	cirobcc	c	c,roc,ro
19	Birr Castle	circ	cir	cir	cirpr
20	Valentia Obsy. †	c	cir	cbcc	crrc
	Roches Point	cprc	cprir	rrir	cirbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog ,, less than 220 yds.
fs, 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/sc, slight storm of drifting snow (generally low).
k/S, heavy storm of drifting snow (generally low).
sc/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.*

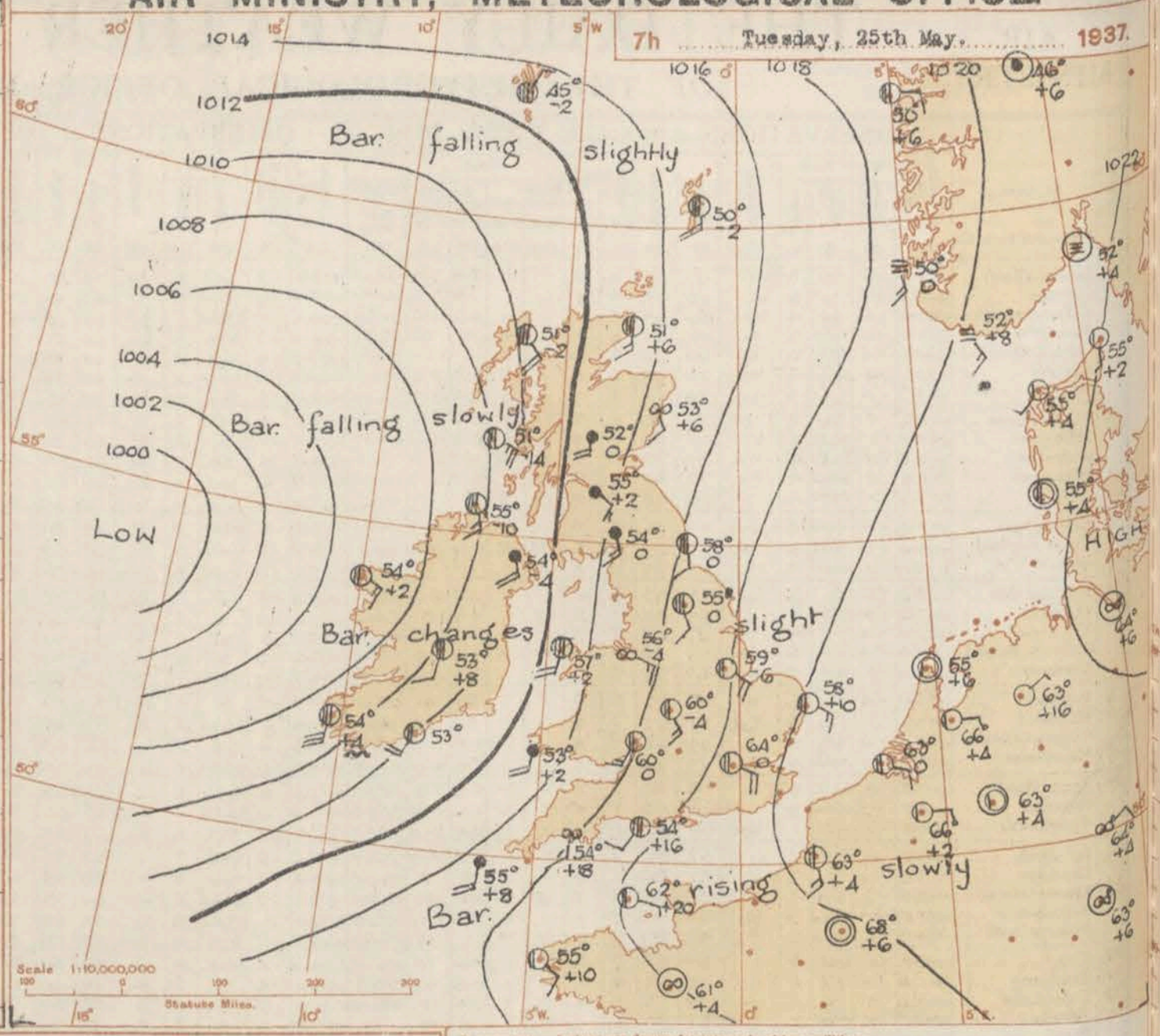
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 24th May 1937.

Districts	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature (F) Min. 9h. 23rd to 9h. 24th.	Temperature (F) Max. 9h.—17h. 24th.	Rainfall (mm) Night. 17h. 23rd to 9h. 24th.	Rainfall (mm) Day. 9h.—17h. 24th.	Sunshine (Hrs) Sunrise to 17h. 24th.	Sunshine (Hrs) Sunrise to Sunset. 23rd.
1	Tunbridge W.	bc	bcb	51	73	-	-	9.9	11.7
	Bournemouth	bcbcb	b	50	68	9	-	8.0	0.6
	Ventnor ...	orb	b	53	62	2	-	11.0	3.0
	Southsea ...	cb	b	54	70	-	-	9.9	2.6
	Bognor Regis	b	b	54	62	8	-	9.9	4.1
	Littlehampton	bc	bcb	54	62	Trace	-	9.9	4.2
	Worthing ...	b	b	55	64	-	-	9.7	5.7
	Brighton ...	b	b	56	63	-	-	10.0	5.7
	Eastbourne† ...	b	b	56	65	-	-	11.3	11.3
	Hastings† ...	b	b	54	67	-	-	12.4	10.3
	Folkestone ...	b	b	53	67	-	-	12.1	10.7
	Dover ...	bcb	b	53	68	-	-	12.4	11.2
	Deal	b	b	51	74	-	-	*	11.7
	Ramsgate ...	b	b	55	72	-	-	12.2	12.0
	Margate ...	bc	bcb	57	75	-	-	12.3	11.8
2	Southend ...	b	b	53	74	-	-	10.5	9.2
	Maldon ...	cb	b	51	74	-	-	9.3	9.3
	Clacton-on-Sea	bcz	bc	53	69	-	-	10.7	10.2
	Dovercourt ...	bc	b	53	74	-	-	11.8	11.4
	Lowestoft ...	bbcb	bbcb	52	73	-	-	9.7	10.4
	Skegness ...	cbcb	b	53	73	13	-	6.6	6.1
	Mablethorpe...	cbcc	cbcb	53	70	14	-	6.2	6.4
	Cleethorpes ...	cbc	bbc	54	73	4	-	7.0	2.6
3	Leamington S.	cbc	bc	53	70	-	-	5.3	0.1
4	Cheltenham†	cbc	bccbc	53	68	0.3	-	5.8	0.0
5	Bath	cbc	bcb	53	68	Trace	-	5.2	0.3
	Weymouth ...	rcb	b	50	64	0.4	-	7.7	0.3
	Jersey ...	pcbc	bc	53	71	0.4	-	12.3	2.7
	Torquay ...	bcc	cb	52	63	0.1	-	5.3	0.3
	Penzance ...	idbcc	bcbpb	54	60	0.5	Trace	4.8	0.0
	St. Ives ...	p	c	54	60	0.5	0.5	4.9	0.0
	Bude... ...	cbc	bcc	55	65	1	-	4.5	1.1
	Ilfracombe ...	cpbcc	cbcc	55	67	1	-	7.3	0.7
6	Aberystwyth	cbcc	prbc	53	66	2	0.6	7.6	4.4
7	Llandudno ...	bccbc	bcb	53	67	2	-	5.9	4.4
	Colwyn Bay...	bcbcc	bcbbc	52	67	0.5	-	6.5	4.2
	Rhyl	cbc	cbrbc	56	68	1	Trace	6.6	2.9
8	Wallasey ...	cbc	bc	54	70	1	-	6.0	3.9
	Southport ...	bcbcc	cbccbc	53	68	2	-	5.7	3.8
	Blackpool ...	bcb	bccpb	53	68	2	1	6.8	4.0
	Morecambe ...	cbbcc	rrbbc	54	69	4	4	6.7	6.3
9	Ilkley... ...	bc	bc	51	72	11	-	7.8	4.0
	Harrogate ...	bcc	bbcc	51	70	3	-	7.7	2.6
10	Berwick-on-T.	omrc	c	47	65	1	Trace	4.7	0.0
11	Dunbar ...	bcrm	bcr	48	69	0.5	1	2.2	8.2
12	Troon... ...	pcpbc	cpc	52	58	1	0.5	0.5	8.1
	Douglas ...	cbirf	bcm	50	56	4	1	3.0	6.0

† 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. 25th May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light variable or southerly winds; bright periods; local thundery showers; very warm.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England	Moderate southerly winds; bright periods; occasional rain, perhaps thunder; warm.
9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	As 1 - 4.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Light to moderate southerly to southeasterly winds; bright periods; occasional local rain; rather warm.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Moderate to fresh southerly winds; bright periods; occasional rain; rather warm.

GENERAL INFERENCE.

A depression, centred to the west of Ireland, remains almost stationary while small associated secondaries move northwards across the British Isles. Weather will continue warm with showers or occasional rain in most districts and perhaps local thunder.

FURTHER OUTLOOK.

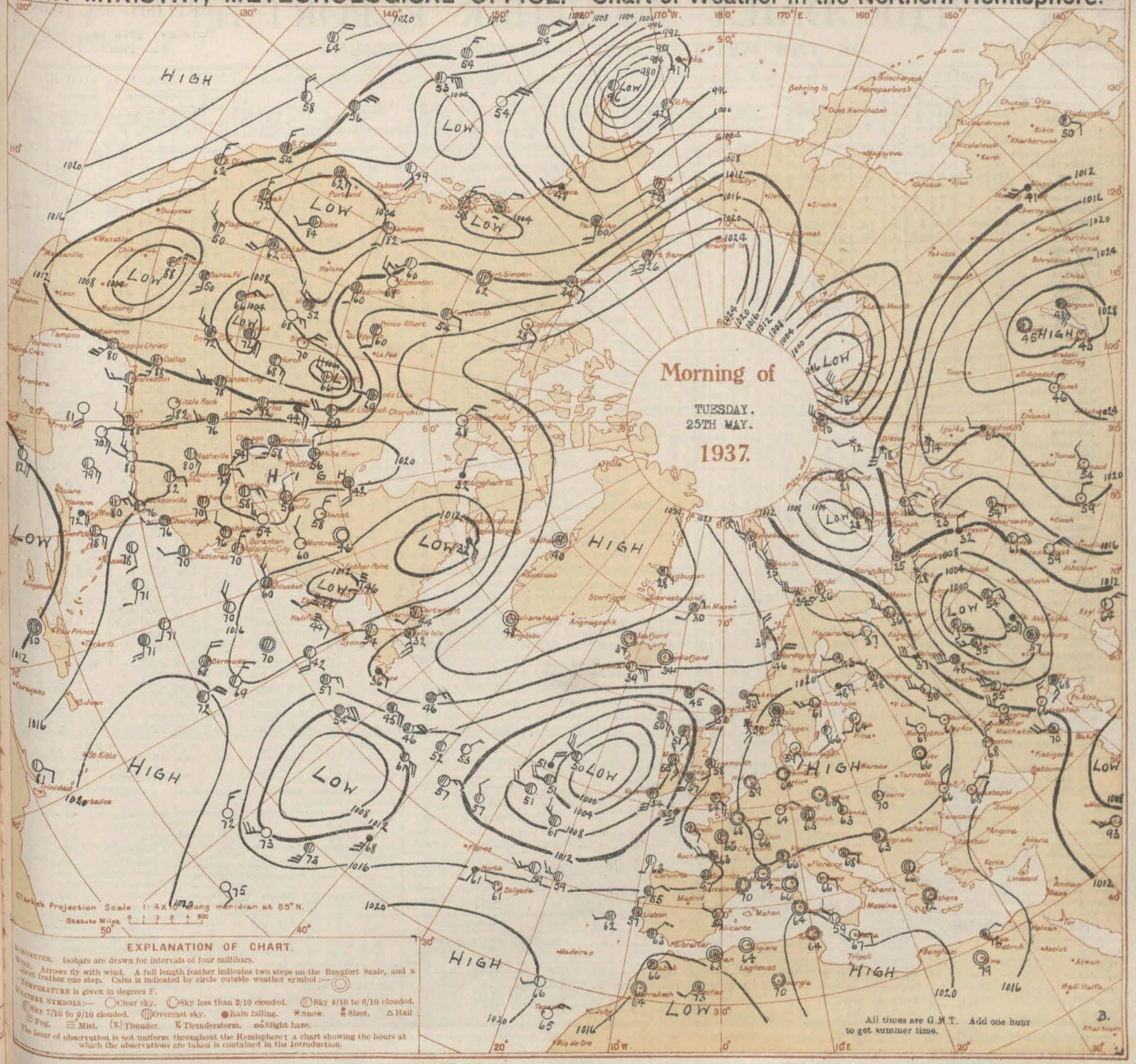
Similar.

Forecasts issued at 0930 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.



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.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 25th May, 1937.
No. 27578.

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

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	1019·4	-6	SE	2	c	58	92	8	-	7	-	0	7-8	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1020·5	-8	E	3	bc	52	85	8	-	7	1	0	2·3	-
	Manston ...	142	1020·1	-2	S'E	2	bc	54	92	8	5	7	-	Tr	2·3	4000
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1020·1	+2	-	0	bc	54	92	6	-	-	1	0	2-3	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1016·0	-10	E	4	c	54	92	7	4	-	-	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1015·4	-4	SE'S	3	c	53	97	7	4	6	-	4·6	7-8	2500
	Scilly (St. Mary's)	163	1013·7	-8	S	4	c	54	97	7	8	7	-	4·6	9+	1500
	Guernsey ..	175	1017·3	-10	ESE	1	bc	58	85	9	8	1	-	2·3	4·6	2500
6	Pembroke ...	142	1014·1	0	S'E	5	c/pr	54	92	7	5	7	-	7·8	9+	2500
7	Holyhead ...	26	1014·1	+2	S	4	c	56	85	8	7	7	-	2·3	9	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1018·9	+8	S	2	bc	55	92	7	-	7	-	0	2·3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1016·6	+4	W	1	bc	54	85	6	5	-	-	4·6	4·6	1500
11	Inchkeith ...	190	1014·4	+2	SW	3	c	54	85	8	8	-	-	7·8	7-8	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1013·9	+2	S'W	3	r₀r₀	54	97	8	6	-	-	9+	9+	1500
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1010·6	+8	SE	1	c/pr	50	97	7	8	7	-	7·8	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1011·8	+4	SW	2	bc	52	97	7	5	9	-	2·3	4-6	1500
16	Lerwick ...	156	1015·8	0	SSE	3	F	48	97	1	-	-	-	10	10	<150
17	Blacksod Point	18	1006·5	+4	S	3	c	54	65	7	9	-	-	10	10	800
18	Malin Head ...	84	1008·9	-6	S	3	c	54	92	7	8	2	-	4·6	9	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1006·4	-6	S	4	c	53	97	8	8	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 25th May — PAST 24 HOURS

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)	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 24th Hrs. (36)
1	London (Kew)	1017·7	+2	SSE	3	bc	66	75	7	5	3	4	1	2·3	2500	1	*	74	56	46	-	0·1	12·7
	Croydon	1018·1	0	SE'E	4	bc	64	75	8	4	8	2	2·3	4·6	5700	1	*	71	55	50	-	0·6	11·7
	S. Farnborough	1017·9	+4	SSE	4	bc	62	85	8	8	8	9	Tr	2·3	4600	1	*	70	55	51	-	0·3	11·8
	Boscombe Down	1016·7	+8	S'E	4	c	59	85	7	8	-	1	4·6	7·8	2500	1	*	66	53	48	-	3	6·4
	Calshot (Sthmtn.)	1018·0	+14	S	4	b	60	85	8	7	4	-	Tr	1	4000	1	§2	67	56	54	-	0·4	11·0
	Lympne	1020·2	+2	SE'E	2	c	59	85	7	5	7	-	4·6	7·8	5700	0	‡1	70	51	43	-	Tr	14·9
	Manston	1019·8	+4	SSE	3	c	58	85	8	5	7	-	7·8	9	4000	1	*	74	52	45	-	Tr	14·5
2	Shoeburyness	1019·8	+4	SE'E	2	ir₀	59	85	8	9	7	-	7·8	9+	1500	1	*	75	50	45	-	Tr	13·0
	Felixstowe	1020·6	+4	SE	1	c	58	85	7	5	3	-	7·8	9	2500	1	2	72	52	44	-	-	13·5
	Gorleston	1020·5	+2	SE'E	3	bc	58	85	6	-	3	-	0	4·6	-	0	1	65	52	51	-	-	12·8
	Mildenhall	1018·6	0	SE	4	c/pr	60	75	8	8	-	-	9	9	2500	1	*	73	53	48	-	Tr	11·5
	Cranwell	1017·7	-6	SE'E	4	bc/pr	59	92	6	8	3	9	4·6	4·6	2500	1	*	70	49	44	-	1	10·7
3	Birmingham	1016·4	-4	SSE	3	bc	60	85	8	-	9	9	0	4·6	-	1	*	66	53	44	-	1	9·5
	Upper Heyford	1016·9	-2	SSE	4	bc	61	75	8	5	-	8	2·3	4·6	1500	1	*	68	53	52	-	0·1	*
4	Ross-on-Wye	1015·7	0	SW'S	3	c	60	85	8	7	8	1	4·6	7·8	4000	1	*	67	54	49	-	0·4	6·2
5	Portland Bill	1017·0	+16	SW	2	c	54	92	8	4	-	2	2·3	7·8	2500	1	3	59	53	*	-	-	*
	Plymouth	1016·9	+18	S'W	2	z₀	54	97	5	5	-	-	10	10	<150	1	2	61	52	45	Tr	-	4·6
	The Lizard	1016·0	+4	SSE	4	bc	54	97	8	4	4	-	4·6	4·6	2500	1	3	58	52	*	-	0·1	*
	Scilly (St. Mary's)	1014·2	+8	S'W	4	id₀	55	97	6	8	-	-	10	10	1500	1	3	61	53	*	0·1	2	5·0
	Guernsey	1018·0	+20	ESE	1	bc	62	75	8	1	3	-	1	2·3	2500	1	1	67	55	51	-	5	12·4
6	Pembroke	1013·0	+2	SSW	4	id₀	53	97	5	5	-	-	10	10	2500	1	3	56	51	*	0·1	2	2·8
7	Holyhead	1013·1	+2	SSW	4	c	57	85	8	5	-	-	10	10	2500	1	3	59	55	53	0·6	-	7·0
	Chester (Sealand)	1015·0	-4	ESE	3	z₀	56	85	6	8	7	-	4·6	9	4000	1	*	69	53	51	-	-	6·3
8	Manchester	1015·8	-2	SSE	3	c/pr	60	85	6	8	3	-	9	9+	4000	1	*	69	56	52	Tr	0·3	8·9
10	Spurn Head	1018·9	0	SSE	4	pr₀	53	92	6	5	2	-	9	10	1500	1	2	72	52	*	-	0·2	8·3
	Catterick	1016·8	0	SSE	2	c/r	55	92	5	5	7	-	4·6	9+	4000	1	*	70	51	49	-	Tr	6·9
	Tynemouth	1016·0	0	S	2	c	58	75	6	5	-	-	7·8	7·8	1500	1	1	68	54	48	Tr	1	4·2
11	Inchkeith	1014·1	-2	SE	2	c	57	85	8	5	7	-	2·3	9+	2500	0	1	62	53	48	14	-	4·4
	Leuchars	1014·7	+4	SSE	3	ir₀	55	85	6	5	2	-	7·8	10	1500	1	*	59	49	42	2	Tr	5·7
12	Renfrew (Abbots I.)	1012·9	+2	SE	2	rr	55	97	5	-	2	-	10	10	1500	1	*	63	53	51	2	4	2·5
	Eskdalemuir	1014·8	0	S'E	3	ir₀	54	92	7	5	2	-	7·8	10	1500	1	*	64	51	48	3	1	2·0
	Point of Ayre	1013·5	0	S'W	3	c	53	92	8	5	2	-	7·8	10	2500	1	2	60	52	*	2	2	6·8
13A	Tiree	1008·0	-14	SE'S	5	c/r	51	97	7	6	2	-	4·6	10	450	1	3	56	49	48	1	5	1·6
13B	Stornoway	1010·3	-2	SSE	2	c/d	51	97	8	5	7	-	7·8	9+	1500	1	1	57	50	*	0·4	7	7·0
15	Dalwhinnie	1013·0	0	S	4	ir₀	52	85	7	5	2	-	7·8	10	2500	1	*	61	50	47	0·1	0·2	3·4
	Aberdeen	1015·5	+6	SSE	2	z₀	53	85	6	5	-	8	9	9+	4000	1	1	58	50	43	-	0·2	5·9
	Wick	1012·5	+6	S	3	c	51	92	7	5	7	8	4·6	9+	1500	1	2	54	49	*	-	-	*
16	Lerwick	1015·0	-2	S	4	c	50	92	7	8	7	-	4·6	10	800	1	*	55	47	*	-	Tr	12·3
17	Blacksod Point	1005·8	+2	SE	3	bc	54	75	8	4	3	-	2·3	4·6	2500	0	3	(60)	49	*	2	-	*
18	Malin Head	1006·6	-10	SSE	3	jp	55	85	7	6	-	-	9	9	1500	1	1	63	53	*	1	2	1·0
	Aldergrove	1009·9	-4	SSE	4	ir₀	54	85	7	5	7	-	Tr	9+	800	1	*	62	52	49	Tr	Tr	2·1
19	Birr Castle	1008·4	+8	SSW	2	c/pr	53	97	8	9	1	-	7·8	9+	2500	1	*	64	51	51	1	10	1·9
20	Valentia Obsy. †	1007·3	+4	S'W	6	jp	54	85	8	9	-	-	9+	9+	1500	1	3	60	49	45	2	2	4·1
	Roches Point	1010·5	0	SW	4	bc	53	97	8	3	4	-	4·6	4·6	1500	1	4	58	52	*	3	5	*

LONDON OBSERVATIONS

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

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	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	cm₀bc	bcy	bcyb	71	56	46	-	0·1	12·7	*	*	8
Croydon	217	cvbcv	bcv	bvbcw	71	55	50	-	0·6	11·7	*	*	8
Greenwich (Royal Observatory)	149	cbG	cby	bcrcb	75	55	40	-	1	11·5	56	59	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	11·9	*	*	*
Westminster (St. James' Park)	27	*	*	*	71	60	52	Trace		12·0	53	51	*
Regents Pk. (Botanic Gardens)‡	168	*	*	*	73	58	51	-	0·3	11·7	51	58	*
Camden Square	110	bbc	bcb	*	74	59	52	-	0·5	*	*	60	*
Kensington	80	bc	bcy	*	72	56	48	-	Tr	12·2	At 18h. 53	59	*
Hampstead Observatory	450	bc	bc	bcp	70	56	38	-	Tr	12·4	*	68	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 25th

	Max.	Time.	Min.	Time.
South Kensington.	0·3	1h. 25th	<0·3	13-16h 24th
Kew Observatory.	0·1	2h 25th	<0·1	10-21h 24th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 24th May Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 25th May Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1019·3	NNW	2	bc	79	1019·9	-	0	b	68	81	55	-	-
Brussels	1019·1	WNW	2	b	73	1020·9	E	1	b	66	79	52	-	-
Berlin	1021·4	SSE	3	bc	75	1022·0	-	0	z₀	70	79	63	-	-
Zurich	1020·0	NW	2	b	73	1021·5	-	0	b	59	82	54	-	-
Rome	1018·6	SE	1	u	?	1019·8	SE	2	bc	66	*	*	-	[illegible]

EXPLANATION of FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 „
2 Fog	550 „
3 Moderate fog	1,100 „
4 Mist or haze	1½ miles.
5 Poor visibility	2½ „
6 Moderate „	6¼ „
7 Good „	12½ „
8 Very good „	31 „
9 Excellent „	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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METEOROLOGICAL OFFICE, AIR MINISTRY, ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2. 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, 26th May, 1937.

No. 27579.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1018·6	0	S'W	3	b	75	55	8	1	8	1	Tr	1	4000
	Croydon ...	1018·6	-2	SW'S	3	bc	76	55	9	-	8	9	0	2·3	-
	S. Farnborough	1018·3	0	SW'W	4	bc	75	45	9	1	8	1	Tr	2·3	4000
	Boscombe Down	1018·3	+2	S'W	3	bc	71	65	8	1	-	9	Tr	2·3	2500
	Calshot (Sthmtn.)	1019·3	+6	ESE	2	bc	64	85	8	-	3	1	0	4·6	-
	Lympne ...	1020·2	-2	SE'S	2	bc	70	65	7	-	8	9	0	2·3	-
	Manston ...	1019·3	-2	ESE	3	b	70	65	8	-	-	8	0	1	-
2	Shoeburyness ...	1019·4	-4	ESE	2	b	70	65	8	-	4	-	0	Tr	-
	Felixstowe ...	1020·6	-2	SE'S	2	b	62	75	7	-	4	3	0	Tr	-
	Gorleston ...	1019·8	-2	SE'E	4	bc	58	85	6	-	-	8	0	2-3	-
	Mildenhall ...	1018·2	+2	SSW	4	b	76	45	8	1	-	1	Tr	Tr	2500
	Cranwell ...	1017·0	+2	SSW	4	bc	73	65	9	2	-	3	2-3	2-3	4000
3	Birmingham ...	1016·7	+8	SW	3	bc	70	55	8	1	4-	9	1	2-3	4000
	Upper Heyford	1018·0	+2	SSW	2	b	73	45	9	1	-	1	Tr	1	4000
4	Ross-on-Wye	1016·6	+8	SW	3	bc	70	55	8	1	4	9	1	2-3	4000
5	Portland Bill ...	1015·1	+6	SW	2	f	58	85	9	5	-	-	10	10	<150
	Plymouth ...	1018·4	+6	S	3	c	59	85	8	8	-	1	7-8	7-8	2500
	The Lizard ...	1017·9	+10	SW'S	2	c	60	92	7	5	1	-	9	10	1500
	Scilly (St. Mary's)	1017·1	+8	SSW	3	c	59	85	7	8	7	3	4-6	9	2500
	Guernsey ...	1018·5	+4	E'S	1	bc	64	75	8	-	7	1	0	4-6	-
6	Pembroke ...	1015·8	+12	SSW	3	c	55	92	7	5	7	-	4-6	9+	4000
7	Holyhead ...	1015·6	+14	SW'S	5	c	59	85	8	5	-	9	7-8	7-8	800
	Chester (Sealand)	1015·6	+6	S	3	c	71	55	8	8	7	-	4-6	9	4000
8	Manchester ...	1016·2	+6	SW'S	4	bc	69	55	7	7	9	1	4-6	4-6	4000
10	Spurn Head ...	1016·5	-10	SE	4	c	60	85	7	8	6	-	4-6	7-8	4000
	Catterick ...	1015·1	-6	S'W	3	z_o	63	65	6	8	3	1	4-6	7-8	1500
	Tynemouth ...	1015·2	-8	SE	2	c	56	85	6	2	7	-	4-6	7-8	1500
11	Inchkeith ...	1013·0	-2	S	3	c	61	75	8	8	-	-	7-8	7-8	2500
	Leuchars ...	1013·6	-10	SE	3	z_o	63	75	6	8	7	1	4-6	7-8	2500
12	Renfrew (Abbots I.)	1013·0	+6	S	4	c	62	65	8	8	-	-	9+	9+	2500
	Eskdalemuir ...	1014·9	+8	SW'S	6	c	57	85	7	5	1	-	4-6	9+	1500
	Point of Ayre...	1014·8	+4	SW'S	4	bc	60	85	8	1	5	3	2-3	4-6	2500
13A	Tiree	1009·0	+16	S'E	4	bc	59	85	8	7	6	-	2-3	2-3	2500
13B	Stornoway ...	1008·0	-4	S	5	c/pr	55	85	8	8	7	-	7-8	9+	1500
15	Dalwhinnie ...	1012·2	-4	S	6	c	54	85	7	5	2	-	4-6	10	2500
	Aberdeen ...	1014·5	-10	SSE	3	c/r	52	92	6	8	2	-	9+	10	2500
	Wick ...	1011·6	-4	SE	4	c/r	54	85	8	5	9	1	4-6	9	1500
16	Lerwick ...	1014·8	-2	S	4	c	50	97	7	5	2	-	4-6	9+	1500
17	Blacksod Point	1008·0	+28	S	7	q	(57)	75	8	9	-	-	7-8	7-8	1500
18	Malin Head ...	1007·7	-6	SSW	5	c	62	65	8	8	-	-	4-6	4-6	2500
	Aldergrove ...	1011·0	+6	SW	5	bc	64	55	9	2	-	-	4-6	4-6	2500
19	Birr Castle ...	1011·5	+16	SSW	2	bc	62	55	8	2	-	-	4-6	4-6	2500
20	Valentia Obsy. †	1012·7	+22	SW'S	6	bc/pr	56	75	8	3	-	1	4-6	4-6	1500
	Roches Point	1014·6	+20	WSW	3	bc	57	75	8	2	-	4	2-3	4-6	2500

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

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)	1018·0	-2	S'E	2	c	76	45	8	9	7	1	4-6	9+	4000	1	*
	Croydon ...	1018·0	-4	SSE	2	c	75	55	8	3	8	3	4-6	9	5700	0	*
	S. Farnborough	1017·8	-2	-	0	c	72	65	9	8	3	6	4-6	9	4000	1	*
	Boscombe Down	1018·0	-2	S'W	2	c	68	65	8	8	2	6	2-3	9+	2500	0	*
	Calshot (Sthmtn.)	1018·2	-10	-	0	c	63	85	8	2	7	6	1	9+	4000	0	0
	Lympne ...	1019·0	-8	E'S	2	bc	72	55	8	-	8	9	0	7-8	-	0	§ 1
	Manston ...	1018·6	-8	E'S	3	bc	70	55	8	-	3	6	0	2-3	-	0	*
2	Shoeburyness ...	1018·6	-4	S'W	1	bc	73	65	8	5	9	-	2-3	2-3	4000	0	*
	Felixstowe ...	1019·3	-4	E'S	2	bc	62	85	6	7	4	8	Tr	2-3	5700	0	2
	Gorleston ...	1019·1	-4	SE	4	bc	60	85	6	-	4	-	0	2-3	-	0	2
	Mildenhall ...	1017·7	-2	S'E	3	bc	76	45	8	4	3	9	Tr	2-3	4000	0	*
	Cranwell ...	1017·2	-2	S	3	bc	71	55	9	2	4	3	Tr	2-3	2500	0	*
3	Birmingham ...	1016·9	0	SW	2	c	70	45	8	1	-	8	Tr	7-8	4000	1	*
	Upper Heyford	1018·0	0	SW'S	2	c	70	55	9	1	7	6	Tr	9	4000	0	*
4	Ross-on-Wye	1016·9	0	S	2	bc	69	65	8	1	8	8	Tr	4-6	4000	0	*
5	Portland Bill ...	1018·8	-6	NW	2	c	55	92	8	4	4	-	4-6	9	2500	1	3
	Plymouth ...	1018·2	-2	SSW	2	bc	57	92	8	7	3	6	1	7-8	1500	1	2
	The Lizard ...	1018·0	0	S'W	2	c	56	92	8	5	2	-	9	10	1500	1	2
	Scilly (St. Mary's)	1017·7	+4	WSW	2	c	57	92	7	5	-	-	10	10	2500	1	2
	Guernsey ...	1018·0	-4	N	1	c	58	85	9	5	7	-	4-6	7-8	2500	1	1
6	Pembroke ...	1017·1	+6	SW	3	c	55	92	7	5	6	1	4-6	7-8	4000	1	2
7	Holyhead ...	1016·5	+4	SW'S	4	bc	56	85	8	8	4	6	2-3	4-6	4000	1	3
	Chester (Sealand)	1016·8	+4	S	2	bc	65	65	8	8	7	8	1	7-8	4000	1	*
8	Manchester ...	1016·9	+4	SW'W	3	c	67	65	7	7	4	6	4-6	9	4000	0	*
10	Spurn Head ...	1017·4	+4	S'W	3	bc	64	75	8	-	4	-	0	2-3	-	0	2
	Catterick ...	1016·8	+8	W	2	bc	66	75	8	-	6	6	0	7-8	-	1	*
	Tynemouth ...	1016·4	+10	W	2	bc	67	65	7	7	-	-	4-6	4-6	1500	1	1
11	Inchkeith ...	1013·9	-4	SSW	3	bc	61	75	8	8	4	-	2-3	4-6	2500	0	3
	Leuchars ...	1014·3	-2	S	4	bc	63	65	8	7	-	1	1	2-3	4000	1	*
12	Renfrew (Abbots I.)	1013·6	+6	SSW	4	bc	63	55	8	2	-	1	2-3	2-3	5700	0	*
	Eskdalemuir ...	1016·3	+4	SSW	5	bc	56	75	7	7	4	6	4-6	4-6	2500	1	*
	Point of Ayre...	1015·1	0	SW'S	4	bc	61	65	8	2	4	4	Tr	2-3	4000	0	3
13A	Tiree	1011·5	+16	SSW	4	b	57	75	9	4	4	-	Tr	1	4000	0	3
13B	Stornoway ...	1009·8	+2	SSW	7	bc	55	75	8	1	4	-	4-6	4-6	4000	1	4
15	Dalwhinnie ...	1013·6	+4	S	3	c	57	55	8	5	6	1	4-6	9	2500	0	*
	Aberdeen ...	1014·0	-2	S'E	3	b	60	75	6	2	3	9	1	1	2500	1	2
	Wick ...	1011·2	-4	S	2	c	56	85	7	5	9	-	4-6	7-8	1500	2	2
16	Lerwick ...	1013·8	-8	S	5	c	51	92	7	8	2	-	7-8	10	1500	0	*
17	Blacksod Point	1010·7	+12	S	7	q	55	85	7	9	-	-	7-8	7-8	800	1	4
18	Malin Head ...	1011·8	+16	SSW	4	bc	61	85	8	2	-	-	4-6	4-6	2500	0	1
	Aldergrove ...	1012·9	+10	SW	3	bc	63	55	9	8	-	4	2-3	4-6	2500	1	*
19	Birr Castle ...	1012·9	+12	SSW	3	bc	63	55	8	2	-	3	2-3	4-6	4000	1	*
20	Valentia Obsy. †	1014·4	+8	SW	5	bc	57	75	8	2	-	1	4-6	4-6	1500	1	2
	Roches Point	1016·0	+8	WSW	3	bc	57	85	8	2	-	3	2-3	4-6	2500	1	3

PAST 24 HOURS.

District	Stations.	Weather. 7h.–13h. 25th (37)	Weather. 13h.–18h. 25th (38)	Weather. 18h.–1h. 25th/26th (39)	Weather. 1h.–7h. 26th (40)
1	London (Kew)	bcby	bbcyc	bcwcl	tlRr$_o$r$_o$
	Croydon ...	bcby	bybcy	cbcjl	tlrtc
	S. Farnborough	bcby	bbcy	PRTLR	TLRPR
	Boscombe Down	cbcb	bbcyc	cTLR	cTLRerr
	Calshot (Sthmtn.)	bbc	bcc	cbcTLRRR	cTLRRRth
	Lympne ...	cpr$_o$b	bcbcd	bcbcb	bwbc
	Manston ...	cpr$_o$m$_o$b	bbcy	bcb	bc
2	Shoeburyness ...	cir$_o$b	bbcw	bcyc	cw
	Felixstowe ...	cbcb	bbz$_o$	bz$_o$bcz$_o$	bcm$_o$bc
	Gorleston ...	bccq	bc	bc	cbc
	Mildenhall ...	cbcby	bybcy	bcycTL	TLcw
	Cranwell ...	bcm$_o$bc	bcbbcy	bc	RRRrr
3	Birmingham ...	bc	bc	c	cor
	Upper Heyford	bcb	bcc	ctlrR	ctlRRir
4	Ross-on-Wye	bcbbc	bycy	bccbcb	bcrtrrz
5	Portland Bill ...	cff	cfc	ctl	oR
	Plymouth ...	cd$_o$m$_o$bcc	cbc	bccbc	bcwc
	The Lizard ...	bcc	c	coifd	mdpr$_o$
	Scilly (St. Mary's)	d$_o$ir$_o$c	c	c	c
	Guernsey ...	bc	bcc	ctlPR	tlRr
6	Pembroke ...	cqpr$_o$	cbcc	cm$_o$Fo	cpr$_o$
7	Holyhead ...	d$_o$c,bc	bc	bccwm$_o$	bcwm$_o$c
	Chester (Sealand)	cm$_o$bccy	cy	bcm$_o$	bcbwcm$_o$
8	Manchester ...	cm$_o$bcy	bcyc	cbcm$_o$	bwff
10	Spurn Head ...	cbcc	cbc	cltp$_o$	ltrr
	Catterick ...	m$_o$r$_o$bz$_o$	z$_o$cbc	bcw	bcbcw
	Tynemouth ...	cpc	cpbc	bc	com
11	Inchkeith ...	c	cbc	bcc	cbc
	Leuchars ...	cirir$_o$	cz$_o$b	bbcw	bcm
12	Renfrew (Abbots I.)	rrr$_o$r$_o$d$_o$	obcby	bybc	brfgm$_o$
	Eskdalemuir ...	cir$_o$c	cbc	bcc	cbccw
	Point of Ayre...	cbc	bc	bcc	bcc
13A	Tiree	ircbc	PRbc	bw	bbcw
13B	Stornoway ...	cpr$_o$	cbc	bc	bcc
15	Dalwhinnie ...	cRr	cir	•	iRc
	Aberdeen ...	cr$_o$rc	cbcbz$_o$	z$_o$bcw	bcw
	Wick ...	cir$_o$c	cbc	bcc	cbccw
16	Lerwick ...	c	cpr$_o$	c	bc
17	Blacksod Point	bcq	prcq	bc	bc
18	Malin Head ...	cy	cbc	bc	bbcc
	Aldergrove ...	r$_o$bcvy	bcvy	bcvyb	bwbc
19	Birr Castle ...	cprbcy	bcy	bc	bcc
20	Valentia Obsy. †	cpr$_o$bc	bccbc	bc	bccprc
	Roches Point	bc	bc	bcbw	bcw

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

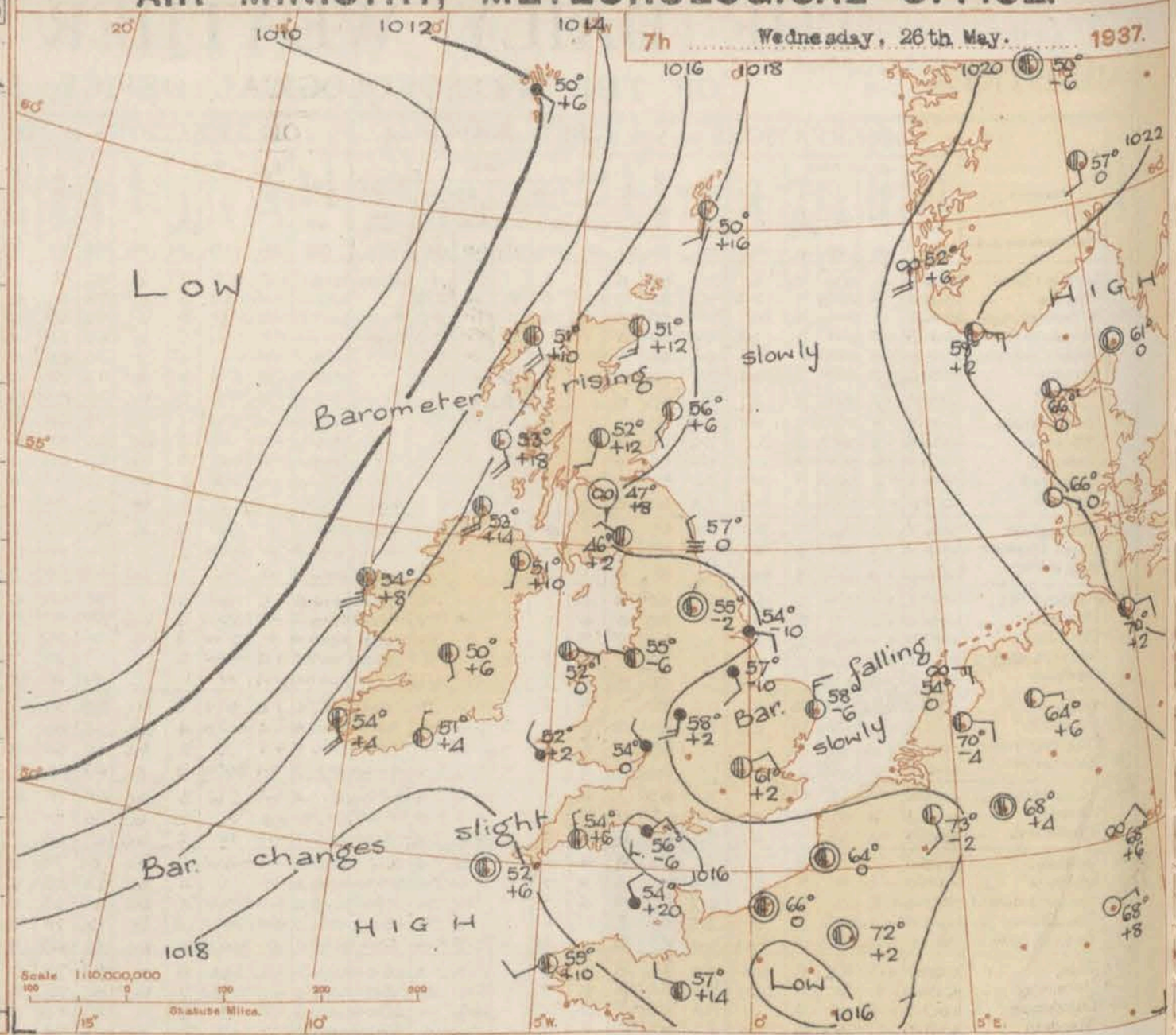
† Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 25th May 1937.

Districts	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature (F) Min. 9h. 24th to 9h. 25th	Temperature (F) Max. 9h.—17h. 25th	Rainfall (mm) Night. 17h. 24th to 9h. 25th	Rainfall (mm) Day. 9h.—17h. 25th	Sunshine (Hrs) Sunrise to 17h. 25th	Sunshine (Hrs) Sunrise to Sunset. 24th
1	Tunbridge W.	b	b	53	80	0·3	-	10·2	12·2
	Bournemouth	b	b	49	69	8	-	9·6	10·3
	Ventnor ...	rb	bc	55	67	0·5	-	11·5	12·9
	Southsea ...	b	b	57	70	-	-	11·2	12·2
	Bognor Regis	b	bbcc	55	67	0·5	-	11·6	11·8
	Littlehampton	bc	bc	54	73	2	-	11·8	12·3
	Worthing ...	b	b	55	69	2	-	11·4	12·1
	Brighton ...	b	b	56	70	2	-	11·0	12·2
	Eastbourne† ...	b	bbc	54	71	1	-	10·8	13·7
	Hastings† ...	b	bcbbc	54	73	Trace	-	10·1	14·7
	Folkestone ...	crz.b	b	51	76	Trace	-	8·5	14·5
	Dover ...	bcb	bbc	52	73	-	-	9·2	14·8
	Deal	cob	b	54	76	-	-	8·9	*
	Ramsgate ...	cbcb	b	53	70	-	-	9·2	14·2
	Margate ...	cbc	bc	56	79	-	-	9·0	14·6
2	Southend ...	b	b	56	78	Trace	-	8·3	12·6
	Maldon ...	cb	b	52	79	-	-	8·5	11·2
	Clacton-on-Sea	cbc	bcz	55	64	-	-	6·6	12·9
	Dovercourt ...	bc	bc	55	68	-	-	8·6	13·8
	Lowestoft ...	bbccb	b	53	64	-	-	11·2	11·8
	Skegness ...	cbb	b	53	76	Trace	-	7·5	8·9
	Mablethorpe...	cbc	bcb	51	76	Trace	-	7·7	8·2
	Cleethorpes ...	bc	bbc	51	77	0·8	-	8·0	9·3
3	Leamington S.	bcb	bbc	52	73	0·6	-	10·0	7·3
4	Cheltenham†	bcb	bbcgy	55	75	0·5	-	10·7	8·4
5	Bath	b	bbc	54	74	-	-	10·3	7·6
	Weymouth ...	b	bm	56	67	-	-	8·8	9·7
	Jersey ...	bbc	cbc	53	73	-	-	9·2	13·0
	Torquay ...	bcb	bbc	50	67	-	-	9·0	5·9
	Penzance ...	ccbc	bccc	54	61	Trace	-	2·7	4·8
	St. Ives ...	p	c	52	62	1	Trace	2·1	4·9
	Bude... ...	cbc	bcc	52	65	-	-	3·2	4·5
	Ilfracombe ...	bccbc	cbc	57	66	-	-	5·4	7·6
6	Aberystwyth	cbcc	cbcc	57	63	-	-	1·4	7·8
7	Llandudno ...	cbcb	cr.c	57	65	-	Trace	3·0	7·1
	Colwyn Bay...	bccbc	bcbcc	56	67	-	-	6·0	8·7
	Rhyl	bc	bcc	56	68	-	-	4·7	8·5
8	Wallasey ...	cbc	bcc	57	69	-	-	5·7	7·3
	Southport ...	cbc	bcc	56	67	-	-	3·5	8·0
	Blackpool ...	bccbc	bcc	56	67	-	-	5·7	8·5
	Morecambe ...	bccbc	bccbc	58	67	0·3	-	5·6	8·7
9	Ilkley... ...	cbc	bc	55	73	0·4	-	5·8	9·8
	Harrogate ...	bcc	bc	53	72	2	-	5·3	9·5
10	Berwick-on-T.	om.r.	cbc	50	66	-	0·5	2·5	5·5
11	Dunbar ...	bcr.	bc	50	68	Trace	-	5·0	3·6
12	Troon... ...	rocbc	cbbcb	52	61	4	-	4·6	1·6
	Douglas ...	cbid.	bc	51	57	3	Trace	4·9	4·8

† 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. 26th May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light variable winds; sunny periods; local thunderstorms; very warm.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England	Light variable winds; sunny periods; local thunderstorms; warm.
9 N. Midlands ...	As 1 - 4.
10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Light variable winds; sunny periods; scattered showers, perhaps thunder; warm.
13 A. W. Scotld. B. N.W. Scotland.	Light to moderate southerly to variable winds; sunny periods; showers; rather warm.
14 Mid Scotland	As 10 - 12.
15 N. E. Scotland 16 Orkney and Shetland	As 13A and 13B.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Light to moderate southerly to variable winds; showery and bright periods, perhaps local thunder; warm.

GENERAL INFERENCE.

Small shallow secondaries, associated with an almost stationary depression to the south of Iceland, will move northwards across the British Isles. Weather will continue warm with further local thunderstorms.

FURTHER OUTLOOK.

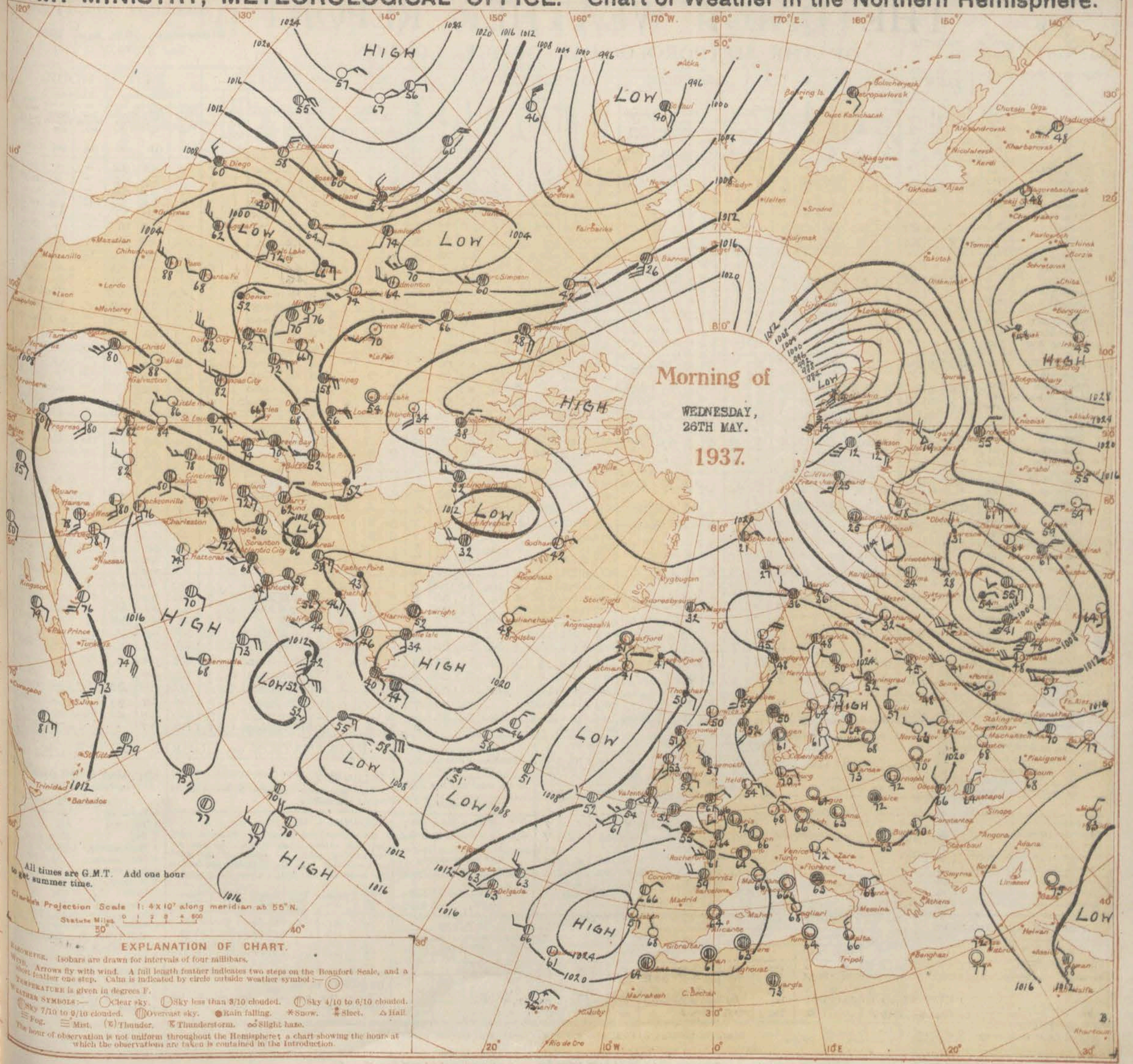
Continuing warm.

Forecasts issued at 0930 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.



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 26th May. 1937.

No. 27579.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1018·3	+2	NW	1	l	66	75	6	3	3	-	4·6	9+	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1018·1	-14	E'S	3	bc	66	65	7	-	-	1	0	2-3	-
	Manston ...	142	1017·8	-10	SE	4	b	68	65	8	-	-	1	0	1	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1018·3	-12	SE'E	1	bc	58	92	7	-	3	-	0	4·6	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1016·3	-10	ENE	3	t	57	75	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1017·8	-8	SW'W	2	d.d.	53	97	4	5	-	-	10	10	800
	Scilly (St. Mary's)	163	1017·8	-10	WSW	2	c	53	97	6	5	-	-	10	10	1500
	Guernsey ..	175	1017·3	-16	NW	1	tlr.	54	92	7	8	-	-	10	10	2500
6	Pembroke ...	142	1017·2	-4	NW	1	F	52	97	1	-	-	-	10	10	<150
7	Holyhead ...	26	1017·4	-2	-	0	bc	51	92	6	5	8	2	1	4-6	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1018·2	-2	SSE	5	c/tlr.	60	85	7	4	2	-	4·6	10	800
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1018·0	+4	W	1	bc	57	85	7	5	-	-	4·6	4·6	1500
11	Inchkeith ...	190	1016·0	+10	WSW	2	c	53	85	8	5	-	5	4·6	7·8	4000
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1017·1	+4	SE'S	2	bc	52	92	8	-	4	4	0	4·6	-
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1012·8	+12	SSW	5	bc	52	85	8	5	7	-	4·6	4·6	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1015·6	+8	SSE	3	bc	48	92	8	5	7	-	2·3	4·6	2500
16	Lerwick ...	156	1016·2	+14	WSW	3	c	51	92	8	8	7	-	4·6	7·8	1500
17	Blacksod Point	18	1013·4	+6	S	5	bc	53	75	8	9	-	-	4·6	4·6	1500
18	Malin Head ...	84	1014·3	+10	S	3	b	51	75	8	-	-	-	0	0	-
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1015·9	0	SW'S	2	c	52	97	8	8	-	-	7·8	7·8	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 * (30)
1	London (Kew)	1018·6	+10	N	2	c/r	61	92	6	8	-	3	7·8	7·8	1500	1	*
	Croydon ...	1018·6	+2	ENE	2	c	61	85	6	8	7	3	4·6	9+	5700	1	*
	S. Farnborough	1018·1	+10	E'N	2	c/pr	61	92	6	8	8	2	2·3	7·8	4000	1	*
	Boscombe Down	1017·5	+6	ENE	1	c/r	59	97	7	5	1	-	4·6	10	2500	1	*
	Calshot (Sthmtn.)	1017·5	+2	NE'N	2	c	61	92	7	8	8	8	4·6	9	4000	1	1
	Lympne ...	1018·1	-8	N'E	4	c	61	75	8	-	-	6	0	7·8	-	0	1
	Manston ...	1017·3	-8	N	5	c	60	75	8	-	-	3	0	7·8	-	0	*
2	Shoeburyness ...	1018·5	-4	NNW	2	c	66	75	8	-	1	-	0	7·8	-	0	*
	Felixstowe ...	1018·2	-14	NNE	4	bc	65	65	7	-	1	8	0	4·6	-	1	2
	Gorleston ...	1019·5	-6	N	3	bc	58	85	6	-	-	8	0	4·6	-	0	2
	Mildenhall ...	1018·5	-12	ENE	2	c	65	75	8	5	3	7	2·3	10	5700	0	*
	Cranwell ...	1018·2	-10	SSE	2	r.r.	57	97	7	6	3	-	9+	10	4000	1	*
3	Birmingham ...	1018·0	+2	SSW	3	ir	58	85	6	-	2	-	10	10	4000	1	*
	Upper Heyford	1019·0	+12	SE	1	c/r	57	97	7	5	2	-	4·6	10	2500	1	*
4	Ross-on-Wye	1016·7	0	NW	1	ir.	54	97	4	-	2	-	10	10	450	1	*
5	Portland Bill ...	1015·9	-6	NE	2	r.r.	56	92	7	5	-	-	10	10	1500	2	2
	Plymouth ...	1017·4	+6	N'W	1	c	54	92	8	5	7	-	7·8	10	2500	1	1
	The Lizard ...	1017·7	0	-	0	ir.	53	97	6	5	-	-	10	10	1500	1	2
	Scilly (St. Mary's)	1018·4	+6	-	0	c	52	97	7	8	7	-	7·8	9+	2500	1	0
	Guernsey ..	1017·4	+20	NW'N	2	r.r.	54	97	6	5	-	-	10	10	1500	2	2
6	Pembroke ...	1016·9	+2	NW	2	pr.	52	97	7	5	7	-	7·8	9+	2500	1	2
7	Holyhead ...	1017·6	0	E'S	1	jf	52	97	5	5	7	-	2·3	10	<150	1	1
	Chester (Sealand)	1017·4	-6	W'N	2	c	55	85	7	5	2	-	7·8	10	4000	1	*
8	Manchester ...	1017·2	-4	-	0	bcf	53	97	2	-	3	-	0	2·3	-	1	
10	Spurn Head ...	1017·1	-10	E'S	2	pr.	54	97	7	5	2	-	7·8	10	1500	1	2
	Catterick ...	1017·9	-2	-	0	bc	55	92	7	5	7	8	2·3	4·6	4000	1	*
	Tynemouth ...	1018·1	0	NNW	1	m	57	85	4	5	2	-	7·8	10	1500	1	1
11	Inchkeith ...	1019·0	+6	SSE	2	bc	53	85	7	5	9	-	4·6	4·6	1500	0	1
	Leuchars ...	1018·0	+6	SW	1	bc	53	85	7	5	3	1	2·3	4·6	2500	1	*
12	Renfrew (Abbots I.)	1018·0	+8	-	0	z.	47	97	5	-	5	-	0	4·6	-	0	*
	Eskdalemuir ...	1018·8	+2	NW'W	1	c	46	97	7	5	1	1	7·8	9+	2500	1	*
	Point of Ayre ...	1017·6	+4	-	0	c	52	92	8	-	7	-	0	10	-	0	1
13A	Tiree ...	1016·0	+18	S'E	4	bc	53	(85)	8	1	4	2	Tr	4·6	4000	0	3
13B	Stornoway ...	1015·0	+10	SSE	4	c	51	85	8	5	7	-	4·6	7·8	2500	1	3
15	Dalwhinnie ...	1017·9	+12	SSW	2	c	52	85	8	4	5	-	2·3	9+	2500	0	*
	Aberdeen ...	1017·9	+6	SW	2	bc	56	75	7	-	3	2	0	2·3	-	0	1
	Wick ...	1016·7	+12	SSW	3	bc	51	85	8	5	-	9	2·3	4·6	1500	1	2
16	Lerwick ...	1018·3	+16	SSW	1	bc	50	85	8	1	-	1	2·3	2·3	2500	0	*
17	Blacksod Point	1014·0	+8	S	5	c	54	75	8	9	4	-	4·6	7·8	1500	0	3
18	Malin Head ...	1016·1	+14	S	3	bc	53	85	8	2	-	6	Tr	4·6	1500	0	1
	Aldergrove ...	1017·5	+10	SSW	1	bc	51	85	8	5	3	9	2·3	4·6	2500	1	*
19	Birr Castle ...	1016·2	+6	SSE	1	c	50	97	7	2	7	-	2·3	9	2500	1	*
20	Valentia Obsy. †	1016·1	+4	SSE	4	c/pr	54	85	8	8	-	9	4·6	7·8	1500	1	2
	Roches Point	1017·6	+4	N	1	bc	51	97	8	3	4	-	2·3	4·6	2500	1	2

PAST 24 HOURS.

District	Stations	Temperature Max. Day 7h–18h °F. (31)	Temperature Min. Night 18h–7h °F (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 25th Hrs. (36)
1	London (Kew)	78	59	54	-	5	11·7
	Croydon ...	77	59	56	-	2	11·8
	S. Farnborough	76	58	54	-	13	11·6
	Boscombe Down	72	58	56	Tr	19	10·2
	Calshot (Sthmtn.)	68	59	57	-	25	11·9
	Lympne ...	75	58	51	Tr	-	9·8
	Manston ...	74	59	56	Tr	-	10·9
2	Shoeburyness ...	74	58	54	Tr	-	9·7
	Felixstowe ...	66	57	53	-	-	10·2
	Gorleston ...	61	54	51	-	-	13·5
	Mildenhall ...	79	58	55	-	Tr	9·7
	Cranwell ...	74	55	49	-	11	10·9
3	Birmingham ...	73	57	45	-	0·1	10·0
	Upper Heyford	74	56	54	-	18	*
4	Ross-on-Wye	72	50	49	-	4	11·5
5	Portland Bill ...	59	54	*	-	12	*
	Plymouth ...	62	53	51	Tr	-	6·4
	The Lizard ...	60	52	*	-	0·1	*
	Scilly (St. Mary's)	60	51	*	0·2	-	1·0
	Guernsey ..	66	53	53	-	21	10·1
6	Pembroke ...	56	51	*	Tr	Tr	1·2
7	Holyhead ...	60	48	44	Tr	Tr	6·6
	Chester (Sealand)	73	49	46	-	-	4·5
8	Manchester ...	72	46	43	-	-	6·4
10	Spurn Head ...	66	53	*	-	5	10·7
	Catterick ...	70	49	45	0·1	-	6·1
	Tynemouth ...	70	53	47	0·2	-	4·4
11	Inchkeith ...	62	48	36	-	-	5·6
	Leuchars ...	65	43	33	1	-	5·8
12	Renfrew (Abbots I.)	65	40	35	3	-	5·7
	Eskdalemuir ...	60	39	33	1	Tr	3·2
	Point of Ayre ...	65	48	*	-	-	6·5
13A	Tiree ...	59	46	44	2	-	7·9
13B	Stornoway ...	58	50	*	0·2	-	6·4
15	Dalwhinnie ...	60	41	32	7	2	4·2
	Aberdeen ...	61	47	38	1	-	6·2
	Wick ...	57	46	*	0·4	-	*
16	Lerwick ...	54	47	*	Tr	-	5·9
17	Blacksod Point	58	50	*	2	-	*
18	Malin Head ...	63	48	*	1	-	9·5
	Aldergrove ...	67	44	39	Tr	-	11·1
19	Birr Castle ...	64	42	31	1	-	12·0
20	Valentia Obsy. †	60	48	41	Tr	Tr	8·0
	Roches Point	59	47	*	-	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	bcby	bbcyc	bcwcl	78	59	54	-	5	11·7	•	•	6
Croydon ...	217	bcby	bybccy	cbccjl	77	59	56	-	2	11·8	•	•	7
Greenwich (Royal Observatory) ...	149	by	by	cbcltrc	82	59	50	-	1	11·3	41	67	7
City (Bunhill Row) ...	—	•	•	•	•	•	•	•	•	11·2	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	78	62	56	3		11·6	41	67	•
Regents Pk. (Botanic Gardens)‡ ...	168	•	•	•	80	58	56	-	3	11·4	45	68	•
Camden Square ...	110	b	bbc	•	82	60	57	-	4	•	•	65	•
Kensington ...	80	bc	bcy	•	80	59	56	-	7	11·5	At 18h. 41	68	•
Hampstead Observatory ...	450	bc	bc	ortl	78	56	45	-	4	11·4	•	71	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 26th

South Kensington.

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

Kew Observatory.

Max.	Time.	Min.	Time.
0·2	23h. 25th.	<0·1	7-8h. 25th.

FOREIGN OBSERVATIONS.

18h. G.M.T. 25th May

Stations	Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.
Paris ...	1018·2	E	2	bc	81
Brussels ...	1019·3	N	2	c	70
Berlin ...	1019·9	ENE	1	bc	79
Zürich ...	1019·4	ENE	1	bc	75
Rome ...	1018·3	-	0	bc	75

7h. G.M.T. 26th May

Stations	Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris ...	1016·9	-	0	bc	72	82	57	-	-
Brussels ...	1017·2	SSE	2	bc	73	82	61	1	-
Berlin ...	1021·4	E	1	z.	73	86	63	-	-
Zürich ...	1020·4	NNW	1	z.	59	84	54	-	-
Rome ...	1019·3	-	0	f	63	*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 27th May, 1937.
No. 27580.

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

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)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1015.6	-8	SE	2	bc	72	65	7	4	-	1	7-8	7-8	4000
	Croydon	1015.6	-10	SSE	1	bc	72	65	8	1	9	8	Tr	7-8	4000
	S. Farnborough	1015.8	-8	-	0	c	73	65	6	8	-	6	9	9+	4000
	Boscombe Down	1018.4	+2	WN	3	c/r	57	97	7	5	2	-	9+	10	2500
	Calshot (Sthmtn.)	1017.6	+6	W	3	pro	62	85	7	8	7	-	7-8	10	2500
	Lympne	1016.0	-14	S (ENE)	3	c	70	65	6	-	-	6	0	9+	-
	Manston	1016.2	-14	ESE	3	c	69	65	8	-	-	4	0	9	-
2	Shoeburyness	1017.0	-12	NE'E	2	c	60	85	6	-	1	6	0	9+	-
	Felixstowe	1016.6	-14	NE'E	3	c	64	65	7	-	3	3	0	7-8	-
	Gorleston	1016.6	-12	E'N	2	c	58	75	6	5	7	1	4-6	9	2500
	Mildenhall	1015.7	-14	ESE	3	c	73	55	8	1	-	7	Tr	10	5700
	Cranwell	1017.0	-6	SW	1	c	67	75	9	8	7	-	7-8	10	2500
3	Birmingham	1017.9	+4	WSW	3	rr	57	97	6	6	2	-	7-8	10	1500
4	Upper Heyford	1017.4	+2	W	2	iro	60	92	7	5	1	-	9	10	1500
	Ross-on-Wye	1018.1	+6	W'S	2	rr	57	97	6	6	2	-	4-6	10	800
5	Portland Bill	1018.8	+10	SW	2	rr	54	92	6	5	-	-	10	10	1500
	Plymouth	1018.9	+6	W	3	c	60	85	7	6	-	-	9	9	2500
	The Lizard	1020.3	+6	WSW	3	bc	59	85	8	8	-	-	4-6	4-6	2500
	Scilly (St. Mary's)	1020.2	+8	WSW	3	bc	60	85	8	1	6	-	2-3	2-3	2500
	Guernsey	1019.8	+16	WNW	4	c	59	85	8	8	-	-	9	9	2500
6	Pembroke	1018.3	+6	WNW	1	bc	53	92	7	8	6	-	2-3	4-6	2500
7	Holyhead	1017.9	+2	SSW	2	c	54	85	8	5	7	-	7-8	9+	2500
8	Chester (Sealand)	1017.9	+6	NW	2	rr	54	92	6	6	2	-	4-6	10	4000
	Manchester	1017.9	+8	W	2	rr	57	97	4	6	2	-	7-8	10	1500
10	Spurn Head	1017.5	-4	-	0	c/tlr	59	85	8	8	2	-	4-6	10	1500
	Catterick	1016.4	-6	S'E	2	roro	60	97	5	8	2	-	9+	10	800
	Tynemouth	1017.7	-6	N	1	roro	51	97	6	-	2	9	10	10	1500
11	Inchkeith	1016.4	-10	E	3	c	53	85	8	5	2	-	2-3	10	4000
12	Leuchars	1016.9	-6	E	1	c	59	65	8	5	2	-	4-6	10	4000
	Renfrew (Abbots I.)	1016.3	-4	SW'W	2	c	61	65	7	5	2	-	2-3	10	4000
	Eskdalemuir	1016.8	-6	W'S	3	rr	55	85	6	6	-	-	10	10	800
	Point of Ayre	1017.5	0	-	0	c	52	97	7	8	2	-	4-6	9	800
13a	Tiree	1015.7	0	SW'S	3	bc	58	65	8	1	3	2	1	4-6	4000
13b	Stornoway	1016.1	+8	S	5	bc	58	65	8	5	5	3	2-3	4-6	4000
15	Dalwhinnie	1016.6	-4	SW	2	c	59	55	8	3	2	-	2-3	10	4000
	Aberdeen	1017.0	-6	SE	1	c	59	65	6	1	7	-	1	9+	2500
16	Wick	1016.4	0	S	3	c	56	75	7	7	7	8	2-3	7-8	1500
	Lerwick	1016.5	-10	SSW	1	bc	54	85	8	1	-	1	2-3	2-3	2500
17	Blacksod Point	1014.6	+6	S	4	bc	56	75	8	3	4	-	4-6	4-6	1500
18	Malin Head	1015.3	-2	SW	1	c	61	55	8	2	-	3	4-6	4-6	2500
	Aldergrove	1016.4	-4	SW	2	bc	62	55	9	2	8	8	2-3	7-8	2500
19	Birr Castle	1015.8	-2	S	2	c	62	55	8	8	8	1	4-6	7-8	2500
20	Valentia Obsy. †	1016.7	+6	SW'S	5	c	57	75	8	3	3	1	7-8	9	1500
	Roches Point	1017.9	+2	SSW	3	bc	58	85	8	3	3	4	2-3	4-6	2500

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

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)	Cloud Form Med. (24)	Cloud Form High. (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea. 0–9 (30)
London (Kew)	1018.7	+16	W	2	c	60	85	8	9	2	5	9+	10	1500	1	*
Croydon	1018.8	+22	W'N	3	c	60	85	7	9	3	-	7-8	9+	2500	1	*
S. Farnborough	1018.9	+12	W	2	c/r	60	86	7	5	-	-	7-8	7-8	7200	1	*
Boscombe Down	1019.0	+6	W'S	1	iro	59	86	7	6	2	-	7-8	10	1500	1	*
Calshot (Sthmtn.)	1019.7	+12	SW	3	bc	58	85	7	8	4	-	4-6	4-6	1500	1	§ 2
Lympne	1018.3	+22	WSW	4	c	63	75	8	9	8	-	7-8	9	4000	0	2
Manston	1017.2	+20	W	5	tlr	61	85	7	9	-	-	9+	9+	4000	1	
Shoeburyness	1017.6	+18	WNW	3	c	61	75	8	8	-	-	9+	9+	4000	0	*
Felixstowe	1017.0	+18	WNW	3	t	61	85	8	8	2	3	7-8	10	1500	1	2
Gorleston	1014.8	0	W	5	c	59	85	6	8	-	-	10	10	2500	0	1
Mildenhall	1017.0	+20	WNW	3	c/tLR	59	92	6	9	7	9	4-6	9	800	1	*
Cranwell	1016.9	+2	WNW	2	roro	57	97	5	6	-	-	10	10	800	1	
Birmingham	1017.6	0	SSW	2	pro	56	92	6	6	2	-	7-8	10	800	1	*
Upper Heyford	1018.5	+8	WSW	3	c/pr	59	85	6	8	4	9	-	7-8	1500	1	*
Ross-on-Wye	1018.0	+6	WSW	3	bc	61	65	8	8	-	-	4-6	4-6	4000	1	*
Portland Bill	1019.6	+6	SW	5	bc	54	92	7	4	-	-	4-6	4-6	2500	2	4
Plymouth	1020.8	+10	W'S	4	c	59	65	8	6	9	4	2-3	7-8	2500	1	2
The Lizard	1021.6	+6	WSW	2	bc	56	92	8	8	7	-	2-3	4-6	2500	1	2
Scilly (St. Mary's)	1021.6	+4	SW'W	3	c	57	85	8	5	4	4	2-3	7-8	2500	0	2
Guernsey	1021.5	+6	WNW	4	c	56	75	7	5	1	-	4-6	7-8	2500	2	3
Pembroke	1018.2	0	WSW	3	b	53	85	7	5	-	-	2-3	2-3	4000	1	2
Holyhead	1017.2	-4	SW'S	4	bc	54	85	9	7	3	-	1	2-3	4000	1	*
Chester (Sealand)	1017.4	0	WNW	2	bc	57	85	6	2	4	1	2-3	2-3	1500	1	*
Manchester	1017.2	0	WNW	2	bc/d	53	97	6	1	3	-	4-6	4-6	800	1	
Spurn Head	1016.0	-4	NW	4	RR	56	97	4	5	-	-	10	10	220	1	3 *
Catterick	1015.6	-6	-	0	c/r	56	97	7	5	9	-	4-6	9+	1500	1	
Tynemouth	1016.7	-6	N	1	rf	51	97	3	6	-	-	10	10	800	1	1
Inchkeith	1015.6	-12	NE	2	ir	50	97	7	5	-	-	10	10	2500	1	1
Leuchars	1015.4	-14	-	0	roro	52	97	7	6	2	-	9	10	1500	1	*
Renfrew (Abbots I.)	1014.6	-10	SW	2	bc	60	55	8	3	9	9	1	7-8	2500	0	*
Eskdalemuir	1015.1	-12	S'W	3	bc	56	85	8	5	6	5	2-3	4-6	1500	1	
Point of Ayre	1016.1	-8	NE'N	1	bc	57	75	8	2	4	5	Tr	2-3	4000	1	0
Tiree	1014.9	-6	WSW	1	bc	57	65	9	4	3	1	1	2-3	4000	0	1
Stornoway	1014.5	-10	WSW	4	c	57	55	9	2	5	1	2-3	9	4000	1	2 *
Dalwhinnie	1015.1	-16	S	3	c	56	65	8	5	2	-	7-8	10	2500	0	*
Aberdeen	1014.8	-22	-	0	roro	53	92	5	-	2	-	10	10	1500	1	1
Wick	1015.0	-6	S	2	o	50	92	7	5	-	-	10	10	1500	1	3 *
Lerwick	1015.9	-4	SSW	3	c	52	85	8	5	2	-	4-6	9	1500	0	
Blacksod Point	1014.5	0	SW	4	c	52	85	8	9	-	-	9	9	1500	1	3
Malin Head	1014.7	-6	NNW	1	c	53	92	7	7	-	-	7-8	7-8	2500	0	0
Aldergrove	1014.8	-8	SSW	3	bc	59	65	8	8	3	-	2-3	4-6	4000	1	*
Birr Castle	1016.0	+4	SW	1	pr	54	75	7	9	-	-	9	9	1500	1	*
Valentia Obsy. †	1017.1	+4	SW'S	4	c	55	85	8	6	3	-	7-8	7-8	1500	1	2
Roches Point	1018.2	+2	SW	3	bc	57	85	8	2	4	-	2-3	4-6	2500	0	3

PAST 24 HOURS. Weather.

Stations.	7h.–13h. 26th. (37)	13h.–18h. 26th. (38)	18h. 26th to 1h. 27th. (39)	1h.–7h. 27th. (40)
London (Kew)	czobc	ctlrc	c	bcw
Croydon	cmoc⊕c	prtltc	cbcmo	bwcwb
S. Farnborough	bccmo	procroc	bccprob	bbcwb
Boscombe Down	cprirc	crorocro	cprobc	bccbcb
Calshot (Sthmtn.)	bccpro	cbc	bcbw	bwbcw
Lympne	bcczo	czoprooc	cbcwc	c⊕b
Manston	bcc	ctrorooctr	ctlcbc	bcwbc
Shoeburyness	cbcc	cbccq	cbc	bcw
Felixstowe	bc,ctc	ctlrqcv	ctvprbc	bc
Gorleston	bcc	czo	ctlrcb	bc
Mildenhall	cbccy	cycqTLR	ccmcmo	cmbwbc
Cranwell	croroiro	cTlRq	crocbc	bcbmob
Birmingham	crr	rrbcopr	cb	bbc
Upper Heyford	ciro	roRmolpo	cbcmo	bcmommo
Ross-on-Wye	rmrorr	rcbc	bcb	bbc
Portland Bill	rrzo	rrc	bc	bc
Plymouth	crroromoc	cbcv	cvbcb	bccbcwv
The Lizard	irfd	bc	bcw	bcw
Scilly (St. Mary's)	cbc	bcc	cbccw	cbcw
Guernsey	orRc	c	cbcw	bcw
Pembroke	cifbc	cmbcb	bccqw	cqpo
Holyhead	rororsmoc	cb	bc	bcb
Chester (Sealand)	crororrmo	crrocroc	cbc	bccpro
Manchester	ffrrR	RRmroroid	bccmo	cprbcmo
Spurn Head	prcpc	cprtf	rrcbc.	bcmoc
Catterick	cromroro	moiRc	cproc	cpro
Tynemouth	comroro	RRff	bc	bc
Inchkeith	bcc	crr	irFbc	cbcc
Leuchars	bcc⊕c	rrroro	crorocmo	cmdoroc
Renfrew (Abbots I.)	bcczo	cybcy	bccmoc	croc
Eskdalemuir	cRrrt	rrirooc	bcb	bcproc
Point of Ayre	crrc	cbc	bcc	bcb
Tiree	bc	bc	b,cR	irbc
Stornoway	bc	bccy	cbw	b,croro
Dalwhinnie	c	c		cir
Aberdeen	bcczo	cTLRor	crororc	bcpro
Wick	bcc⊕	cproc	crorc	cir
Lerwick	b	bcc	crororc	crrmo
Blacksod Point	bc	PRc	prbc	prc
Malin Head	bcc	c	crrc	cpr
Aldergrove	bcc,y	bcycybc	bccirooc	cbbcc
Birr Castle	cy	cpr	cpr	cprbc
Valentia Obsy. †	cproc	iRroirc	cbc	bcc
Roches Point	probc	bc	PRbc	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.
fe, 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/so, slight storm of drifting snow (generally low).
k/S, heavy storm of drifting snow (generally low).
sok, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r). "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. ro, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ⊕ lunar halo. gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus :—bc/r. fair weather after rain; —, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 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.

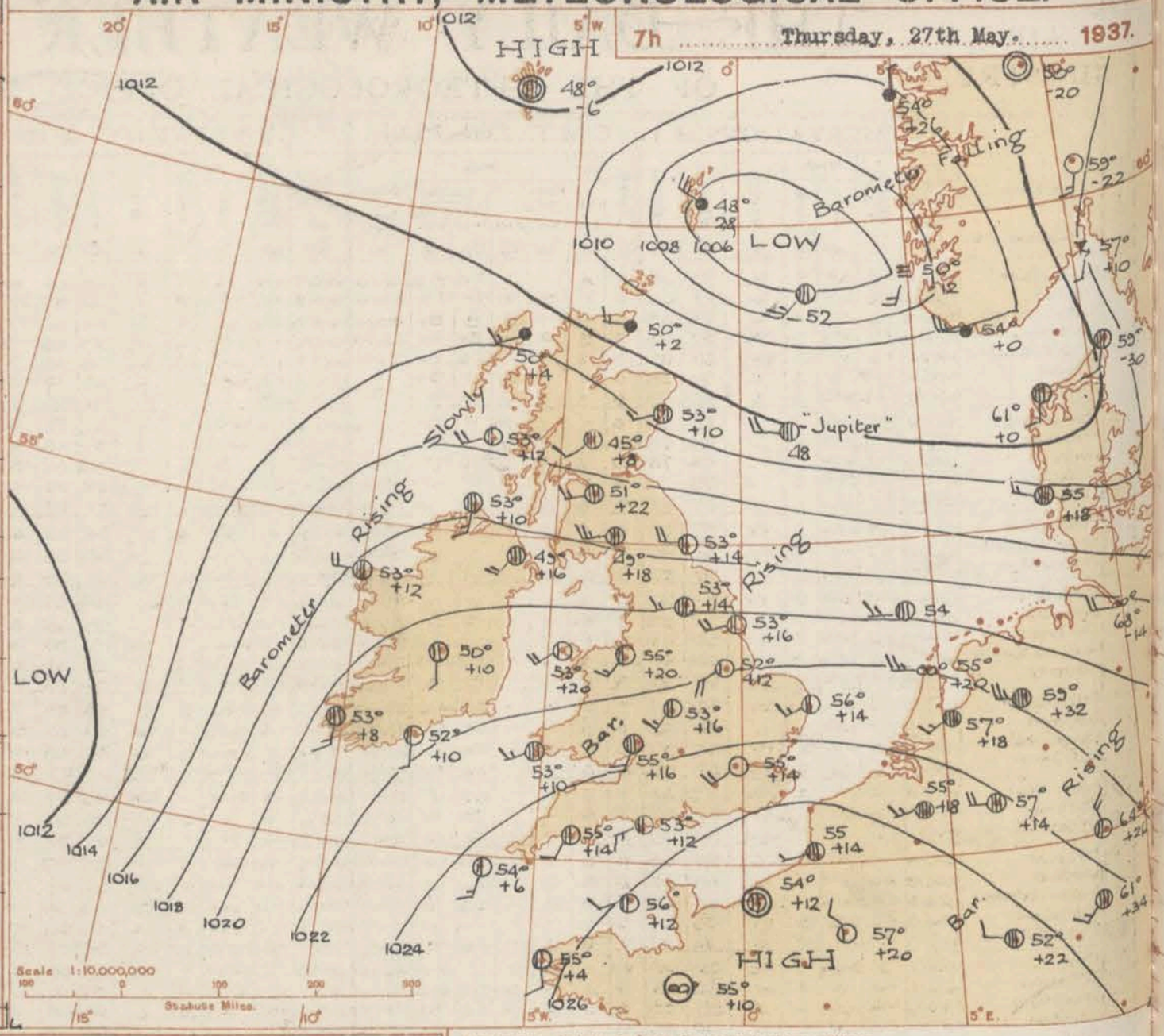
§ Sea disturbance reported from Dungeness

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 26th May 1937.

Districts	Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature (F) Min. 9h. 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.	c	copc	55	78	-	Trace	4.5	11.0
	Bournemouth	rro	rrc	57	62	19	4	0.3	9.6
	Ventnor ...	tlrc	oc	56	70	8	-	3.0	12.3
	Southsea ...	cb	cbc	60	71	10	-	2.7	11.7
	Bognor Regis	bcbc	bcbcc	59	71	Trace	-	3.2	12.1
	Littlehampton	bcc	cbc	60	72	-	-	4.2	12.7
	Worthing ...	bc	bcc	60	73	0.5	-	3.8	11.9
	Brighton ...	cb	bc	62	74	-	-	3.8	11.3
	Eastbourne† ...	c	cbc	61	72	-	-	7.9	11.0
	Hastings† ...	bcbcc	bccbc	61	74	-	-	7.4	10.7
	Folkestone ...	bccbc	bcctrc	61	72	-	0.3	7.4	9.6
	Dover ...	bc	bctlrc	61	70	-	Trace	6.6	10.4
	Deal	bcbcb	btlr	54	69	-	Trace	6.9	10.2
	Ramsgate ...	bc	bcrtc	53	65	-	0.3	6.6	10.6
	Margate ...	bc	bcctr	57	68	-	Trace	7.2	10.6
2	Southend ...	cbcc	co	60	71	-	-	6.2	9.0
	Maldon ...	b	cbcpt	59	72	0.3	0.3	6.4	9.9
	Clacton-on-Sea	bc	bccz	56	66	-	-	6.8	8.7
	Dovercourt ...	bc	bct	57	69	-	-	8.0	10.6
	Lowestoft ...	b	bbccc	55	65	-	-	8.9	13.1
	Skegness ...	cbcb	bctlr	56	63	12	2	3.1	9.5
	Mablethorpe...	bcbb	cbcco	55	65	7	-	2.5	9.9
	Cleethorpes ...	bctlr	cbctlr	56	65	6	4	0.7	10.0
3	Leamington S.	cor	orc	*	62	3	10	0.2	10.2
4	Cheltenham†	orr	orroc	55	64	2	14	1.3	11.6
5	Bath	rr	rrcbc	54	63	11	10	0.9	11.6
	Weymouth ...	rr	rrcb	56	61	18	10	1.7	10.1
	Jersey ...	rcpc	bcbc	53	61	3	0.2	4.2	9.6
	Torquay ...	orzc	bcbq	54	66	13	Trace	4.2	11.0
	Penzance ...	ccbc	bbc	53	64	-	-	6.2	2.7
	St. Ives ...	c	b	51	59	-	-	6.4	2.3
	Bude... ...	dc	cbc	50	59	1	0.5	2.9	3.2
	Ilfracombe ...	bccpo	opcbc	52	57	1	0.2	1.8	6.3
6	Aberystwyth	odd	dpc	51	59	0.3	1	0.2	2.1
7	Llandudno ...	or	orcbc	53	59	-	0.3	1.4	3.0
	Colwyn Bay...	oop	popbc	52	61	-	1	0.8	6.1
	Rhyl	cor	orcbc	50	58	-	2	0.4	4.7
8	Wallasey ...	dor	rocbc	52	57	-	6	0.0	5.9
	Southport ...	orrr	rropc	51	57	-	5	0.0	3.5
	Blackpool ...	oor	orcm	53	56	Trace	6	0.1	5.7
	Morecambe ...	ccido	rrcc	52	59	-	6	0.0	3.7
9	Ilkley... ...	copo	rr	49	64	-	9	1.1	7.6
	Harrogate ...	corr	coR	52	61	-	11	0.2	6.8
10	Berwick-on-T.	c	tlrro	51	56	-	12	1.6	5.0
11	Dunbar ...	bc	crr	50	57	-	13	0.3	7.6
12	Troon... ...	bcbc	cbcbc	48	58	-	-	3.7	7.2
	Douglas ...	cbpr	bc	47	58	-	1	2.8	6.7

† 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. 27th May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light to moderate westerly or variable winds; mainly fine; local morning mist; warm.
5 S.W. England 6 South Wales ...	Light to moderate southwesterly winds, stronger at times locally at first; mainly fair; local coastal fog; warm.
7 North Wales ... 8 N.W. England	Moderate westerly winds, backing; bright periods, scattered showers today; rather warm.
9 N. Midlands ...	As 1 - 4.
10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	As 7 - 8.
13 A. W. Scotld. B.N.W.Scotland.	Light to moderate southwesterly winds, backing and freshening; occasional rain; bright periods; rather warm.
14 Mid Scotland	As 7 - 8.
15 N. E. Scotland 16 Orkney and Shetland	Moderate to strong northwest winds, backing; occasional rain; average temperature.
17 N. W. Ireland	South to southwest winds, strong at times; bright periods, occasional rain; rather warm.
18 N. E. Ireland 19 S. E. Ireland	As 7 - 8.
20 S. W. Ireland	As 17.

GENERAL INFERENCE.

From an anticyclone over France a ridge of high pressure extends northwestwards across the British Isles. Apart from scattered showers in the extreme West and North weather will be mainly warm and sunny. Temperatures in the Southeast and Midlands will, however, be lower than of late.

FURTHER OUTLOOK.

Continuing warm and mainly fair except perhaps along the western and northwestern seaboard.

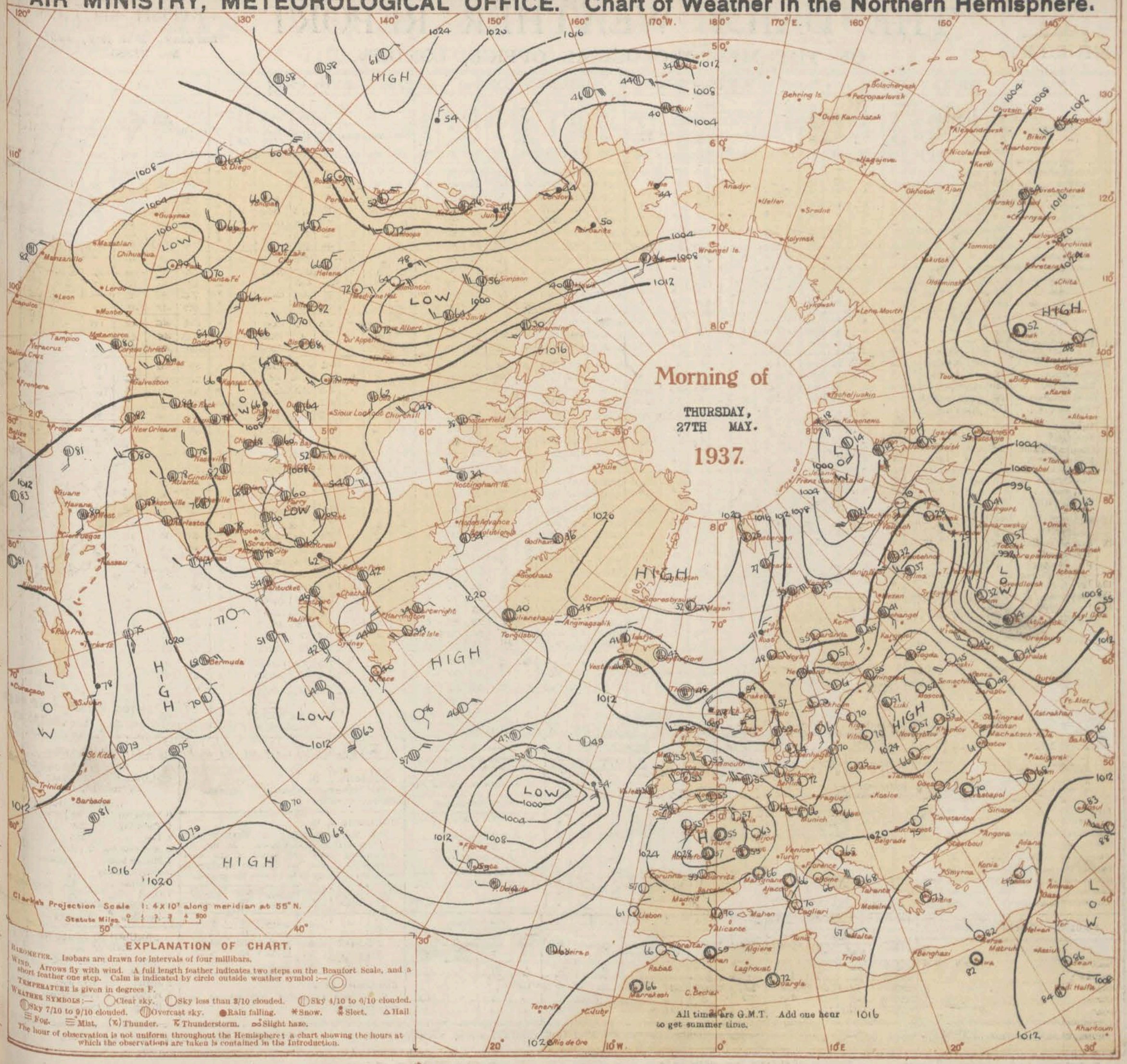
Time of issue of Gale Warning.

South Cone hoisted 0800 27/5/37 in districts 17, 18 and 20.

Forecasts issued at 0940 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.



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 2/10 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.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 27th May, 1937.
No. 27580.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1022.2	+14	WSW	3	b	52	85	7	–	4	–	0	Tr	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1022.5	+6	WSW	2	c	52	92	7	5	3	–	7-8	7-8	220
	Manston ...	142	1021.0	+8	W'S	3	bc	55	92	8	5	–	–	2-3	2-3	2500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1013.1	+6	SW'W	1	b	56	92	6	–	–	–	0	0	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1023.3	+6	W	2	bc	53	92	8	4	–	–	4-6	4-6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1023.5	+4	SSW	2	bc	52	97	8	7	–	–	2-3	2-3	4000
	Scilly (St. Mary's)	163	1023.3	+6	SW	3	c	55	97	8	5	3	–	4-6	7-8	2500
	Guernsey ..	175	1024.9	+10	WSW	1	bc	51	97	6 7	5	1	–	2-3	2-3	2500
6	Pembroke ...	142	1020.2	+6	SW'W	4	q	53	92	7	8	–	–	9+	9+	2500
7	Holyhead ...	26	1018.0	0	SW'W	4	bc	51	97	8	5	–	–	4-6	4-6	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1017.9	+6	W'S	3	bc	52	92	6	5	1	–	2-3	4-6	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1015.8	+2	W	3	bc	50	95	7	5	–	–	2-3	2-3	1500
11	Inchkeith ...	190	1014.1	-8	SW	4	bc	49	85	7	5	–	–	2-3	2-3	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1016.5	0	W'S	4	c	51	85	8	4	3	–	7-8	7-8	2500
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1013.8	-6	WNW	2	b	46	97	7	4	4	–	Tr	1	4000
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1011.2	-20	WNW	2	c	49	92	8	5	1	–	7-8	9	1500
16	Lerwick ...	156	1011.6	-32	NE	4	rr	50	97	7	6	2	–	7-8	10	800
17	Blacksod Point	18	1016.0	+6	W	4	bc	52	85	8	3	–	–	4-6	4-6	1500
18	Malin Head ...	84	1015.2	+2	S	1	bc	49	92	7	4	4	–	4-6	4-6	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1019.2	+6	SSW	1	bc	52	97	8	8	–	–	4-6	4-6	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
London (Kew)	1025.7	+16	W'S	2	bc	55	75	8	–	–	1	0	2-3	–	1	*
Croydon	1025.2	+14	SW'W	4	bc	53	85	8	–	8	–	0	2-3	–	1	*
S. Farnborough	1025.3	+12	SW'W	2	b	54	85	8	1	–	1	Tr	1	1500	1	*
Boscombe Down	1025.3	+10	SW'S	2	bc	51	97	8	1	3	1	Tr	2-3	800	1	*
Calshot (Sthmtn.)	1025.8	+18	SW'S	2	c	55	97	7	8	–	–	7-8	7-8	1500	1	
Lympne	1026.2	+18	WSW	1	bc	53	85	8	–	–	2	0	2-3	–	0	§1
Manston	1025.1	+22	W	2	bc	54	75	8	–	–	2	0	2-3	–	1	*
Shoeburyness	1024.6	+18	WSW	3	c	56	75	7	–	–	6	0	7-8	–	0	*
Felixstowe	1024.5	+22	WSW	3	bc	55	75	7	5	3	3	Tr	4-6	1500	1	2
Gorleston	1022.8	+14	SW'W	3	bc	56	75	7	–	4	1	0	4-6	–	1	2
Mildenhall	1023.9	+18	WSW	4	bc	54	85	7	1	–	4	Tr	4-6	1500	1	*
Cranwell	1022.0	+12	SW'W	4	b	52	85	7	–	–	1	0	Tr	–	1	*
Birmingham	1023.5	+16	SW	3	bc	53	85	8	7	–	–	2-3	2-3	1500	1	*
Upper Heyford	1024.6	+18	SW	2	b	53	85	8	1	4	1	Tr	1	1500	1	*
Ross-on-Wye	1023.2	+16	SW'S	4	c	55	85	7	7	–	–	7-8	7-8	2500	1	*
Portland Bill	1025.1	+12	WSW	3	bc	53	92	7	4	–	–	4-6	4-6	2500	1	3
Plymouth	1025.3	+14	SW	2	bc	53	92	7	8	–	5	2-3	4-6	800	1	1
The Lizard	1024.9	+10	SSW	2	bc	54	97	8	7	4	–	2-3	2-3	4000	1	2
Scilly (St. Mary's)	1024.2	+6	SSW	3	bc	54	97	8	5	–	–	4-6	4-6	2500	0	2
Guernsey	1026.0	+12	WSW	2	bc	56	92	7	7	–	–	4-6	4-6	1500	1	2
Pembroke	1022.2	+10	WSW	3	c	53	92	7	8	6	–	4-6	7-8	2500	1	3
Holyhead	1021.1	+20	SW'W	4	b	53	85	8	8	4	–	Tr	Tr	2500	1	2
Chester (Sealand)	1021.5	+20	SW	3	bc	55	75	8	8	4	–	2-3	2-3	1500	1	*
Manchester	1021.1	+18	W	2	z_0	52	92	6	8	3	–	4-6	4-6	4000	1	*
Spurn Head	1020.8	+16	W'S	4	bc	53	85	8	–	4	9	0	2-3	–	0	3
Catterick	1019.1	+14	W'S	3	c	53	85	8	9	–	–	9	9	1500	1	*
Tynemouth	1017.2	+14	W	4	bc	53	75	6	2	6	–	4-6	4-6	1500	1	1
Inchkeith	1016.1	+8	SW	4	c	50	92	7	5	3	–	7-8	7-8	2500	0	3
Leuchars	1014.8	+12	WSW	3	c	51	92	8	5	7	–	7-8	9+	1500	1	*
Renfrew (Abbots I.)	1016.9	+22	WSW	3	c	51	85	9	8	–	–	9	9	4000	1	*
Eskdalemuir	1017.5	+18	WSW	5	c/pr	49	85	8	5	–	1	7-8	7-8	1500	1	*
Point of Ayre	1019.5	+18	W'N	4	b	53	85	8	4	–	–	1	1	2500	0	2
Tiree	1015.2	+12	SW'W	4	bc	53	85	8	3	7	3	2-3	2-3	2500	1	3
Stornoway	1013.6	+4	WSW	3	r_0r_0	50	85	8	5	7	–	7-8	9+	2500	1	2
Dalwhinnie	1015.9	+8	SW	2	c	45	85	7	4	6	–	7-8	10	2500	1	*
Aberdeen	1013.3	+10	WSW	1	c	53	85	8	7	3	2	2-3	7-8	4000	1	1
Wick	1011.0	+2	WNW	3	ir	50	97	8	9	2	–	7-8	9	800	1	1
Lerwick	1005.6	-28	NW	5	rr	48	97	6	6	2	–	9	10	800	1	*
Blacksod Point	1018.3	+12	W	4	c	53	92	8	9	4	–	7-8	7-8	1500	1	3
Malin Head	1017.0	+10	SSW	3	c	53	92	7	8	2	–	4-6	9	2500	1	2
Aldergrove	1018.8	+16	SW	4	c	49	92	8	5	–	–	9	9	800	1	*
Birr Castle	1020.2	+10	S	1	bc	50	97	8	–	3	–	0	4-6	–	1	*
Valentia Obsy. †	1021.1	+8	S'E	3	c	53	92	8	5	3	–	2-3	7-8	1500	1	2
Roches Point	1021.9	+10	S	1	bc	52	92	8	2	5	–	1	4-6	2500	1	2

PAST 24 HOURS.

Stations	Temperature Max. Day 7h-18h °F. (31)	Temperature Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall Day 7h-18h mm. (34)	Rainfall Night 18h-7h mm. (35)	Sunshine 26th Hrs. (36)
London (Kew)	73	45	45	1	–	3.9
Croydon	75	49	46	5	Tr	3.7
S. Farnborough	73	45	39	0.5	Tr	4.4
Boscombe Down	62	44	37	4	0.1	1.2
Calshot (Sthmtn.)	69	48	44	0.1	–	2.1
Lympne	74	48	45	Tr	–	8.4
Manston	74	~~(53)~~ 50	47	0.3	Tr	6.5
Shoeburyness	70	51	~~46~~ 47	–	–	6.9
Felixstowe	68	51	48	3	0.2	~~7.6~~ 8.0
Gorleston	61	50	50	–	3	9.0
Mildenhall	76	49	46	4	Tr	6.2
Cranwell	69	47	45	17	0.1	0.7
Birmingham	64	46	42	15	–	~~1.4~~ 1.3
Upper Heyford	65	45	41	2	–	*
Ross-on-Wye	63	49	44	12	–	3.0
Portland Bill	57	52	*	15	–	*
Plymouth	60	53	46	1	–	5.9
The Lizard	59	51	*	Tr	–	*
Scilly (St. Mary's)	60	52	*	–	Tr	10.3
Guernsey	60	50	46	8	–	4.7
Pembroke	58	52	*	0.2	Tr	6.3
Holyhead	58	48	46	2	–	5.4
Chester (Sealand)	57	48	43	7	Tr	2.5
Manchester	58	45	39	12	0.1	4.7
Spurn Head	65	49	*	3	2	0.8
Catterick	62	49	44	7	3	1.2
Tynemouth	57	49	43	15	2	0.5
Inchkeith	57	47	42	3	0.3	1.5
Leuchars	61	45	38	5	1	2.7
Renfrew (Abbots I.)	61	48	47	–	2	3.2
Eskdalemuir	59	41	32	8	Tr	1.9
Point of Ayre	57	48	*	3	–	4.3
Tiree	60	48	46	–	7	14.3
Stornoway	60	44	*	–	0.1	11.6
Dalwhinnie	61	35	27	–	0.5	5.5
Aberdeen	62	50	47	9	1	5.3
Wick	56	48	*	Tr	7	*
Lerwick	55	47	*	–	21	11.0
Blacksod Point	58	48	*	1	1	*
Malin Head	63	(49)	*	–	5	10.6
Aldergrove	63	46	43	–	0.4	8.4
Birr Castle	63	44	~~46~~ 56	2	4	7.8
Valentia Obsy. †	60	48	43	7	–	6.0
Roches Point	60	46	*	0.1	3	*

LONDON OBSERVATIONS

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

Station	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	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 bc	ctlrc	cbcw	73	45	45	1	–	3.9	•	•	8
Croydon	217	cmzcobc	prtlHc	cbcmwb	75	49	46	5	Tr	3.7	•	•	8
Greenwich (Royal Observatory)	149	c⊕	ctlRc	cbw	77	48	41	2	Tr	2.3	73	58	7
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	3.4	•	•	•
Westminster (St. James' Park)	27	•	•	•	75	52	47	1		3.3	75	87	•
Regents Pk. (Botanic Gardens)‡	168	•	•	•	76	50	47	–	1	3.9	61	69	•
Camden Square	110	c	ccpkc	•	77	50	48	1	–	•	•	56	•
Kensington	80	bccot	bcp	•	74	50	45	0.3	–	3.3	At 18h. 55	61	•
Hampstead Observatory	450	b	bctlor	bc	72	46	36	0.3	–	3.9	•	67	•

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 during whole period			

Kew Observatory.			
Max.	Time.	Min.	Time.
0.2	8h 26th	<0.1	2h 27th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 26th May Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 27th May 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	1019.9	NW	6	c	68	1027.7	NW	2	b	57	*	55	*	Tr
Brussels	1019.9	SW	5	bc	82	1025.6	WSW	3	o	55	*	54	–	2
Berlin	1019.7	E	3	u	82	1018.3	SSE	2	b	72	88	64	–	–
Zurich	1019.8	W	3	bc	79	1025.9	SSE	3	rr	57	*	57	*	19
Rome	1018.7	WNW	2	d	70	1018.3	ENE	2	b	68	*	*	–	–

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 "
2 Fog	550 "
3 Moderate fog	1,100 "
4 Mist or haze	1½ miles.
5 Poor visibility	2½ "
6 Moderate "	6¼ "
7 Good "	12½ "
8 Very good "	31 "
9 Excellent "	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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METEOROLOGICAL OFFICE, AIR MINISTRY, ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2. 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, 28th May, 1937.
No. 28581.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1026·3	+6	W	2	c	65	55	8	1	-	8	4-6	9+	4000
	Croydon ...	1026·8	+6	SWW	3	c	67	55	9	1	-	8	4-6	9	4000
	S. Farnborough	1026·7	0	SSW	3	c	66	55 92	8	2	-	-	7-8	7-8	4000
	Boscombe Down	1026·9	+6	W'S	3	c	66	55	8	1	-	8	7-8	7-8	2500
	Calshot (Sthmtn.)	1028·0	+8	S'W	4	c	61	85	7	8	-	-	9+	9+	1500
	Lympne ...	1023·2	+10	SSW	4	c	63	65	8	2	-	6	2-3	9	4000
	Manston ...	10268	+4	SSW	3	bc	65	65	9	5	-	-	4-6	4-6	2500
2	Shoeburyness ...	1026·6	0	SW'S	2	c	70	55	8	2	-	7	4-6	10	4000
	Felixstowe ...	1026·6	+10	W'S	2	c	66	55	8	8	-	8	7-8	9	2500
	Gorleston ...	1025·1	+6	WSW	3	c	63	55	7	8	-	-	7-8	7-8	2500
	Mildenhall ...	1025·7	+10	W'S	4	c	64	55	8	8	3	-	4-6	9	4000
	Cranwell ...	1024·4	+8	WSW	4	bc	65	59	8	2	-	8	2-3	4-6	4000
3	Birmingham ...	1025·1	+12	WSW	3	bc	63	55	8	1	-	1	4-6	4-6	2500
	Upper Heyford	10266	+10	WSW	3	c	63	65	9	8	7	6	7-8	9	4000
4	Ross-on-Wye	1025·4	+10	SW	4	c	62	65	8	7	1	7	2-3	9+	4000
5	Portland Bill ...	1027·6	+10	S	3	bc	57	85	7	4	-	-	4-6	4-6	2500
	Plymouth ...	1027·2	+6	SW'S	3	c	60	85	8	8	4	6	2-3	9+	1500
	The Lizard ...	1026·4	+10	S'W	2	c	60	85	7	8	6	-	4-6	7-8	2500
	Scilly (St. Mary's)	1026·1	+4	SW'S	4	c	60	85	7	5	-	-	9+	9+	2500
	Guernsey ...	1028·2	+10	WSW	2	bc	62	75	8	1	-	-	2-3	2-3	2500
6	Pembroke ...	1024·3	+6	SSW	3	c	55	92	7	5	2	-	7-8	9+	2500
7	Holyhead ...	1024·0	+10	SSW	4	bc	59	75	8	2	-	6	1	2-3	2500
	Chester (Sealand)	1024·2	+10	WSW	3	bc	65	45	8	1	4	-	2-3	4-6	2500
8	Manchester ...	1024·3	+10	W'N	3	bc	61	65	8	7	-	1	4-6	4-6	4000
10	Spurn Head ...	1023·6	+10	NW'W	4	bc	61	75	7	7	7	-	2-3	4-6	2500
	Catterick ...	1023·4	+20	WSW	4	bc	61	55	9	2	-	-	4-6	4-6	4000
	Tynemouth ...	1020·8	+16	WNW	4	bc	60	75	8	2	-	-	4-6	4-6	1500
11	Inchkeith ...	1019·8	+10	SW	4	c	54	85	8	8	-	-	9+	9+	2500
12	Leuchars ...	1018·5	+16	WSW	5	bc	61	55	9	8	-	-	4-6	4-6	4000
	Renfrew (Abbotsl.)	1020·2	+14	WSW	4	c	57	65	9	8	-	-	9	9	2500
	Eskdalemuir ...	1021·0	+18	W'S	4	c	57	55	8	7	-	-	7-8	7-8	2500
	Point of Ayre...	1023·3	+20	W	4	bc	63	55	8	2	6	4	1	2-3	4000
13a	Tiree ...	1018·3	+18	WSW	5	c	56	75	8	8	7	-	4-6	7-8	1500
13n	Stornoway ...	1016·6	+12	WSW	4	c/pr	57	66	8	8	7	-	4-6	7-8	2500
15	Dalwhinnie ...	1018·9	+16	SW	3	c	52	75	7	8	6	-	4-6	10	2500
	Aberdeen ...	1016·7	+16	WNW	3	pr	60	55	8	8	-	-	4-6	4-6	4000
16	Wick ...	1015·5	+14	NW	2	c	55	85	8	8	7	-	4-6	7-8	1500
	Lerwick ...	1006·4	+8	NW	8	rr	48	97	6	6	2	-	9	10	800
17	Blacksod Point	1021·4	+10	S	3	c	57	75	8	2	-	7	4-6	7-8	1500
18	Malin Head ...	10207	+20	W'N	4	bc	57	85	7	8	-	-	2-3	2-3	1500
	Aldergrove ...	1021·9	+10	SW'W	4	bc	60	55	9	7	-	6	4-6	4-6	2500
19	Birr Castle ...	1021·8	+6	SSE	1	c	62	55	8	2	7	-	4-6	9	2500
20	Valentia Obsy.†	1022·1	+2	SSE	4	c	60	75	8	5	7	-	7-8	10	5700
	Roches Point	1023·7	+6	S'E	2	c	58	85	8	3	7	-	2-3	7-8	1500

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

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)	1026·8	0	SSW	3	c	65	65	8	8	-	8	7-8	9+	2500	1	*
	Croydon ...	1026·7	+2	SSW	3	c	63	75	8	2	6	6	4-6	9+	4000	0	*
	S. Farnborough	1026·7	-2	SSW	2	c	63	75	8	2	-	4	2-3	7-8	4000	1	*
	Boscombe Down	1027·0	+2	SSW	3	bc	61	75	7	1	-	2	2-3	4-6	2500	1	*
	Calshot (Sthmtn.)	1027·8	-2	SSW	3	c	58	85	8	-	4	4	0	7-8	-	1	2
	Lympne ...	1028·2	0	SSW	3	c	58	85	6	1	-	2	1	9	1500	0	2
	Manston ...	1027·0	0	SW	4	c	62	75	8	-	7	2	0	7-8	-	0	*
2	Shoeburyness ...	1026·7	0	SW'S	2	c	65	75	8	4	-	7	2-3	10	5700	0	*
	Felixstowe ...	1026·8	0	S'W	2	c	62	85	8	2	6	6	4-6	9+	2500	0	2
	Gorleston ...	1025·7	0	WSW	3	bc	66	55	7	3	-	8	2-3	4-6	2500	0	2
	Mildenhall ...	1025·7	0	S~~E~~ W'S	3	c	66	55	8	2	-	8	Tr	9	4000	0	*
	Cranwell ...	1024·9	+4	WSW	2	c	66	55	8	2	3	5	4-6	7-8	2500	1	*
3	Birmingham ...	1025·3	+4	WSW	2	bc	63	55	8	1	-	6	2-3	4-6	4000	1	*
	Upper Heyford	1026·4	0	WSW	2	bc	63	65	9	2	4	8	2-3	4-6	4000	1	*
4	Ross-on-Wye	1025·2	+4	SSW	2	c	63	65	8	7	3	-	7-8	9	4000	1	*
5	Portland Bill ...	1027·5	-4	SW	2	c	56	85	7	4	4	-	4-6	10	2500	0	2
	Plymouth ...	1027·0	-2	SSW	2	c	57	92	8	5	3	-	7-8	9+	1500	1	1
	The Lizard ...	1027·0	0	S	2	c	57	97	8	5	7	-	7-8	9	2500	1	2
	Scilly (St. Mary's)	1025·9	-4	SSW	4	c	57	92	7	5	4	2	2-3	7-8	2500	0	2
	Guernsey ...	1027·8	-2	-	0	bc	58	85	9	-	1	-	0	4-6	-	1	0
6	Pembroke ...	1024·7	0	SW	3	f	54	97	3	5	2	-	7-8	10	2500	1	2
7	Holyhead ...	1024·1	-2	SSW	4	c	56	86	8	2	4	2	4-6	7-8	2500	1	2
	Chester (Sealand)	1024·6	+2	-	0	c	60	75	8	5	-	-	7-8	7-8	2500	1	*
8	Manchester ...	1025·1	+6	NW'W	3	c	61	65	8	5	3	-	7-8	9	4000	0	
10	Spurn Head ...	1024·3	+6	W'N	3	c	61	75	7	-	7	9	0	7-8	-	0	2
	Catterick ...	1024·4	+10	WSW	2	c	59	55	9	-	5	1	0	7-8	-	1	*
	Tynemouth ...	1022·4	+6	W	3	bc	62	65	8	1	6	1	2-3	4-6	2500	1	1
11	Inchkeith ...	1020·6	+4	SW	5	c	58	75	8	5	-	5	4-6	7-8	4000	0	3
12	Leuchars ...	1020·4	+12	W	6	bc	60	55	9	8	-	1	4-6	4-6	4000	1	*
	Renfrew (Abbotsl.)	1021·9	+8	W'S	3	c	60	55	9	1	6	6	1	7-8	4000	0	*
	Eskdalemuir ...	1022·4	+10	SW'W	5	bc	56	65	8	7	-	2	4-6	4-6	1500	1	*
	Point of Ayre...	1023·2	0	SW	3	bc	64	55	8	2	6	5	Tr	2-3	4000	0	2
13a	Tiree ...	1021·3	+14	WSW	3	c	54	85	8	4	7	6	1	9	1500	0	3
13n	Stornoway ...	1019·5	+14	W	4	c	56	65	8	2	7	3	4-6	7-8	2500	1	2
15	Dalwhinnie ...	1021·3	+14	SW	3	c	51	75	7	4	6	-	7-8	10	2500	0	*
	Aberdeen ...	1019·3	+22	WNW	4	jp	59	65	8	8	-	-	9+	9+	2500	1	1
16	Wick ...	1018·1	+20	WNW	4	bc	55	75	8	7	7	-	2-3	2-3	2500	1	2
	Lerwick ...	1012·8	+40	NW	8	c/pr	48	92	7	8	7	-	7-8	10	800	1	*
17	Blacksod Point	1019·8	-6	S	3	c	57	75	8	5	-	-	10	10	1500	0	2
18	Malin Head ...	1021·9	+4	NE	1	c	55	85	7	8	9	-	2-3	9	1500	0	0
	Aldergrove ...	1022·0	-2	SW'W	2	bc	64	55	9	1	5	9	2-3	4-6	2500	1	*
19	Birr Castle ...	1021·7	-2	S	1	c	62	65	8	5	1	-	7-8	10	2500	1	*
20	Valentia Obsy.†	1020·5	-6	S	5	c	57	97	7	5	-	-	10	10	450	1	2
	Roches Point	1022·6	-10	SE	3	df	56	97	3	5	-	-	10	10	150	1	2

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 27th (37)	Weather. 13h.—18h. 27th (38)	Weather. 18h. 27th to 1h. 28th (39)	Weather. 1h.—7h. 28th (40)
1	London (Kew)	bcwb,cy	cyc	c	bcw
	Croydon ...	b,c y	cbcyc	cbcm.w	cm.bcbw
	S. Farnborough	bbcy	bcybc	bccbw	bwbc
	Boscombe Down	bccy	cbc	bcc	cFF
	Calshot (Sthmtn.)	bcc	cbc	bcbwoffc	offecm.
	Lympne ...	b,c	cbccz.	cmffe	bmfbc
	Manston ...	bcybc	bc	bcbw	bcwb
2	Shoeburyness ...	bccy	cyc	cbz.	bz.w
	Felixstowe ...	bcbccy	cycvc	c,bc, b	b,bwbm.
	Gorleston ...	bcc	cbc	bccbc	cbcz.
	Mildenhall ...	bcbbcc	c	cbcm.	bmbm.w
	Cranwell ...	bbcy	bcyc	cbcc	bm.bcb
3	Birmingham ...	bc	bc	bc	bc
	Upper Heyford	bbcc	cybc	bcw	bcm.bbcw
4	Ross-on-Wye	bc	cybcc	cbc	bwbccm
5	Portland Bill ...	bcbc	bcc	bcc	off
	Plymouth ...	bcc	cbcc	cbcc	cbwbcc
	The Lizard ...	bcc	cbcc	cw	cbcw
	Scilly (St. Mary's)	bcc	cp.c	cbcwc	cw
	Guernsey ...	bccbc	bc	bcw	bcw
6	Pembroke ...	c	cfcc	cfcm.	cmcwc
7	Holyhead ...	bbc,b	b,cd.	coffco	om pr.
	Chester (Sealand)	bcbcy	bcyc	cbcm.w	bccm.w
8	Manchester ...	bcm.bbc	bcyc	cbcc	cm.w
10	Spurn Head ...	bcc	cbcc	cw	cbc
	Catterick ...	cbcy	bcycy	cybc	cwbcw
	Tynemouth ...	bc	bc	bc	bc
11	Inchkeith ...	c	c	c	c
12	Leuchars ...	cbcpr.	cbcyq	bcqbw	bwcz.
	Renfrew (Abbotsl.)	pr.c	cbcyv	ybcm.	bm.cr.
	Eskdalemuir ...	pr.cbc	bcybc	bbcc	oq.d.
	Point of Ayre...	bbc	bc	bccbc	cfir.
13a	Tiree ...	PRbc	bcc	c	ir rr.
13n	Stornoway ...	r.PRc	c	cbc	bccpr.
15	Dalwhinnie ...	cir	cIR		bcc
	Aberdeen ...	cbcpr.	pr.bc	bcpr.	bcbz.w
16	Wick ...	opr.	cprbc	bc	bc
	Lerwick ...	cirm.	crr	cpr.	c
17	Blacksod Point	bc	c	prcq	bcq
18	Malin Head ...	cbc	bcc	cir.c	cir.c
	Aldergrove ...	bccbc	bccbc	bcyc	c,ir.ir
19	Birr Castle ...	bcy	c	c	c
20	Valentia Obsy.†	c	pr.m.o	oir.cbc	bccbc
	Roches Point	bcc	codfdf	offe	offec

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 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.*

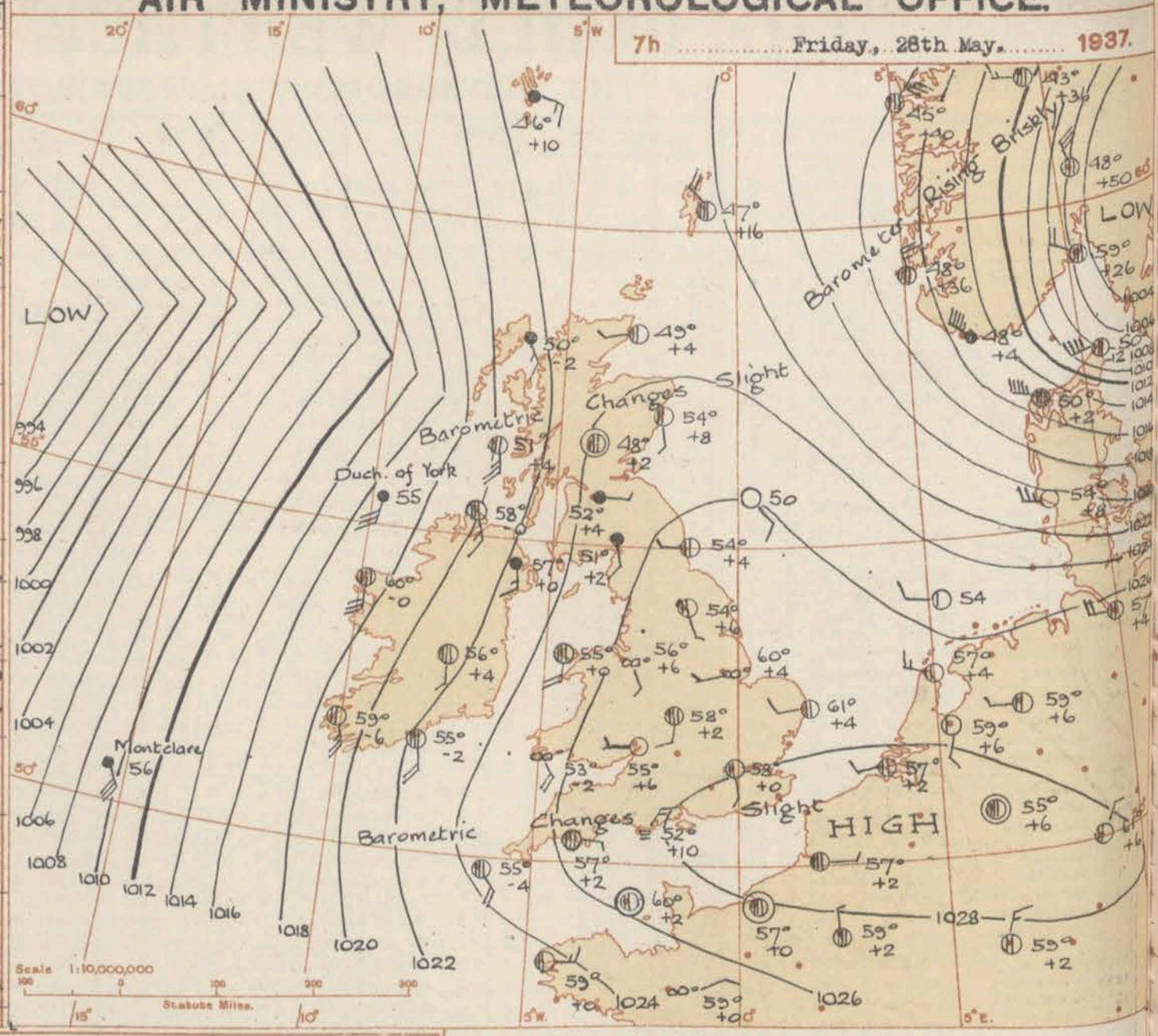
† See disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for Thursday, 27th May, 1937.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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	bc	46	67	-	-	10·4	4·9
	Bournemouth	b	b	48	62	-	-	11·5	0·3
	Ventnor ...	co	ocb	51	58	-	-	5·9	3·6
	Southsea ...	b	b	50	65	-	-	10·9	3·9
	Bognor Regis	b	bbcbc	49	59	-	-	9·9	4·2
	Littlehampton	bc	bc	48	59	-	-	10·6	5·3
	Worthing ...	b	bbcb	49	61	-	-	9·7	4·7
	Brighton ...	b	bc	51	60	-	-	8·1	4·5
	Eastbourne† ...	bcb	bbccbc	52	61	-	-	9·7	9·5
	Hastings† ...	bbc	bcbbc	49	61	-	-	11·6	8·2
	Folkestone ...	bzbc	bbcc	50	60	Trace	-	10·2	8·2
	Dover ...	bcif	bcc	52	59	-	-	9·4	7·6
	Deal	b	bbc	50	66	-	-	11·1	7·1
	Ramsgate ...	b	b	51	66	-	-	11·7	6·6
	Margate ...	bc	cbc	52	66	0·5	-	8·6	7·2
2	Southend ...	b	bbcc	50	72	-	-	9·4	6·2
	Maldon ...	b	bbcc	48	68	-	-	9·1	6·4
	Clacton-on-Sea	bbc	bccbc	50	67	6	-	8·4	6·9
	Dovercourt ...	bc	bc	50	67	4	-	9·8	8·0
	Lowestoft ...	b	bbcc	49	68	4	-	9·5	8·9
	Skegness ...	b	bbcb	48	68	3	-	12·0	3·1
	Mablethorpe...	bc	bc	48	68	5	-	11·9	2·5
	Cleethorpes ...	bc	bc	48	68	6	-	12·0	0·7
3	Leamington S.	bc	bc	48	67	-	-	9·5	1·8
4	Cheltenham†	bcbbc	cbc	48	68	-	-	9·6	2·6
5	Bath	pbc	bcc	47	68	-	-	8·0	3·0
	Weymouth ...	b	b	47	59	-	-	10·6	2·7
	Jersey ...	bc	bcb	52	64	-	-	9·0	5·9
	Torquay ...	wb	bcby	49	65	-	-	11·9	6·5
	Penzance ...	bcc	cbc	53	64	-	-	2·0	6·9
	St. Ives ...	c	c	52	62	-	-	5·9	7·9
	Bude... ...	bcc	bc	49	61	-	-	5·6	4·7
	Ilfracombe ...	cbc	cbc	52	63	-	-	8·0	3·8
6	Aberystwyth	bcc	cbc	53	63	-	-	6·9	2·8
7	Llandudno ...	b	bbc	52	61	-	-	10·1	3·7
	Colwyn Bay...	bcbcb	bcbcb	47	64	-	-	10·6	3·7
	Rhyl	bc	bcc	49	63	-	-	10·2	2·9
8	Wallasey ...	bcb	bbc	50	61	-	-	11·3	1·7
	Southport ...	bv	bbccv	50	62	-	-	11·6	2·2
	Blackpool ...	b	bbc	52	59	-	-	12·1	2·4
	Morecambe ...	b	bbcbc	49	60	0·3	-	12·4	2·4
9	Ilkley... ...	bc	bc	47	64	0·4	-	9·7	1·1
	Harrogate ...	cb	bbc	48	64	1	-	9·3	0·3
10	Berwick-on-T.	bc	bc	47	63	1	-	9·2	1·6
11	Dunbar ...	bc	bcr	45	62	1	Trace	9·7	0·3
12	Troon... ...	pcbbc	bbcb	50	58	0·3	-	8·6	6·3
	Douglas ...	bc	bc	47	59	-	-	11·0	4·9

† 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. 28th May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light variable winds; sunny periods; local morning fog; very warm.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England	Moderate to fresh southeasterly to southerly winds; mainly fair; local coastal fog; warm.
9 N. Midlands ... 10 N.E. England	As 1 - 4.
11 S.E. Scotland	Light to moderate variable winds; mainly fair; local morning fog; rather warm.
12 S.W. Scotland & Isle of Man.	Moderate to strong southerly winds; occasional rain at first, bright periods later; local coastal fog; rather warm.
13 A. W. Scotld. B.N.W.Scotland.	
14 Mid Scotland	As 11.
15 N. E. Scotland 16 Orkney and Shetland	Light to moderate variable winds; fair at first, occasional rain or drizzle later; temperature about normal.
17 N. W. Ireland ↓	As 12 - 13B.
18 N. E. Ireland ↓ 19 S. E. Ireland 20 S. W. Ireland ↓	Moderate to fresh southerly winds; bright periods, occasional rain; local coastal fog; rather warm.

GENERAL INFERENCE.

A ridge of high pressure extending northwards over the British Isles from an anticyclone over Belgium will move slowly eastwards while a deep depression to the south of Iceland will remain almost stationary. Weather will continue mainly fine and warm over the greater part of the country. In the North and West there will be occasional rain.

FURTHER OUTLOOK.

Little change in the Southeast; probably less settled in the extreme West and Northwest.

Time of Issue of Gale Warning.

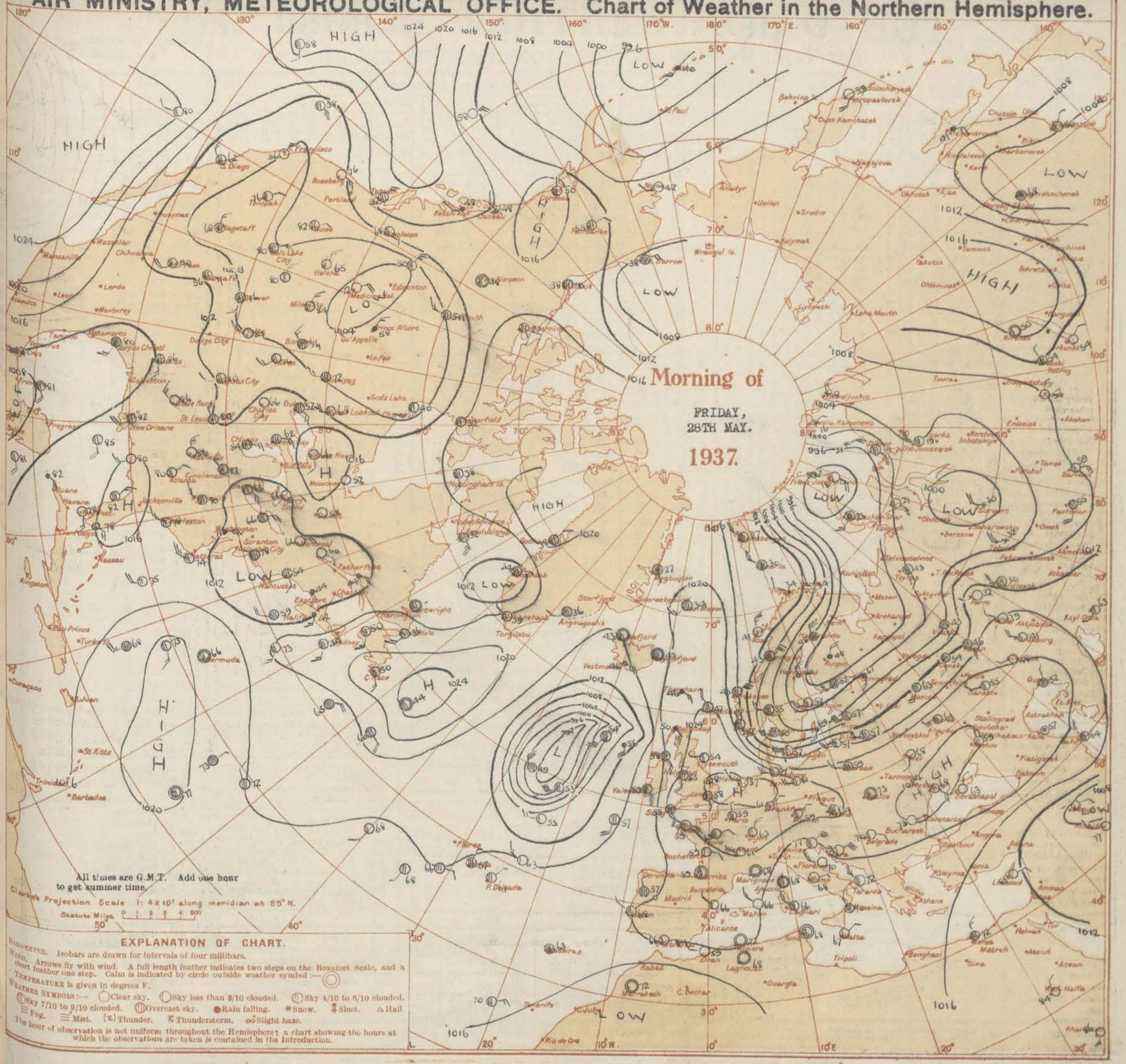
↓ South Cone hoisted 0800 27/5/37 in districts 17, 18 and 20.

Forecasts issued at 0935 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.



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 28th May, 1937.
No. 27581.

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

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	1028·1	-2	S	3	z.	51	97	6	-	-	6	0	7-8	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1029·0	+2	WNW	2	m/f	48	97	4	-	3	-	0	Tr	-
	Manston ...	142	1028·1	0	-	0	b.	51	92	7	-	3	-	0	1	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1026·9	+6	SW	2	bc	56	85	7	5	4	1	2-3	4-6	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1027·5	-4	WSW	2	c	53	92	7	4	-	2	4-6	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1026·6	-2	ESE	2	c	53	97	7	4	-	-	9+	9+	2500
	Scilly (St. Mary's)	163	1025·7	-6	SSE	3	c	54	97	6	5	-	-	10	10	1500
	Guernsey ..	175	1027·4	+4	ESE	1	bc	53	92	9	-	1	-	0	2-3	-
6	Pembroke ...	142	1025·7	0	S'E	3	c	53	92	7	5	6	-	4-6	7-8	4000
7	Holyhead ...	26	1024·9	0	SSW	4	m	53	97	4	5	-	-	10	10	220
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1026·9	+6	-	0	c	54	85	6	4	6	-	4-6	7-8	4000
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1025·7	-4	-	0	bc	51	75	6	2	-	-	2-3	2-3	1500
11	Inchkeith ...	190	1024·1	+8	SW	2	c	51	85	7	5	3	-	2-3	7-8	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1024·4	+6	-	0	bc	53	85	8	4	-	-	4-6	4-6	4000
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1021·5	+4	S	1	bc	49	92	8	5	4	-	2-3	4-6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1022·1	+20	WNW	3	bc	45	85	8	5	7	-	2-3	2-3	2500
16	Lerwick ...	156	1019·4	+24	NW	6	c	47	92	7	5	-	-	10	10	800
17	Blacksod Point	18	1017·8	-8	S	6	q	58	85	8	9	-	-	9	9	1500
18	Malin Head ...	81	1020·8	-10	E	1	c	53	92	7	4	-	-	9	9	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1019·9	-6	S	5	c	55	97	7	8	-	-	9+	9+	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1028·3	+8	-	0	c	57	85	7	-	-	8	0	7-8	-	1	*
	Croydon ...	1027·9	0	SSE	1	bc	58	75	6	-	-	4	0	2-3	-	0	*
	S. Farnborough	1028·0	+4	SSE	2	bc	56	85	7	-	-	4	0	4-6	-	1	*
	Boscombe Down	1028·5	+6	SSE	4	f-	47	97	2	-	-	-	10	10	<150	1	*
	Calshot (Sthmtn.)	1028·1	+6	ENE	1	c/f	53	97	5	5	-	-	9+	9+	450	1	1
	Lympne ...	1028·9	+4	-	0	bc	52	92	6	-	-	8	0	2-3	-	0	§0
	Manston ...	1028·2	+4	SE	1	b	55	85	8	-	-	1	0	Tr	-	0	*
2	Shoeburyness ...	1028·0	+6	SSW	1	b	61	75	6	-	-	5	0	1	-	0	*
	Felixstowe ...	1028·3	+4	-	0	b	59	85	6	-	-	2	0	1	-	1	1
	Gorleston ...	1027·1	+4	WS	2	bc	61	75	6	-	-	2	0	2-3	-	0	2
	Mildenhall ...	1027·7	+6	-	0	z.	59	85	6	-	-	9	0	2-3	-	0	*
	Cranwell ...	1027·3	+4	WSW	1	z.	60	75	6	5	-	1	1	2-3	4000	1	*
3	Birmingham ...	1027·5	+2	SSW	2	c	58	85	6	-	3	-	0	7-8	-	1	*
	Upper Heyford	1027·9	+2	SSW	1	bc	55	85	7	-	5	6	0	4-6	-	1	*
4	Ross-on-Wye	1026·6	+6	W	1	c/f	55	92	4	5	-	2	4-6	7-8	450	1	*
5	Portland Bill ...	1027·4	+10	NE	3	f	52	92	2	5	-	-	10	10	<150	1	2
	Plymouth ...	1026·3	+2	E'S	1	c	57	85	9	1	3	6	Tr	7-8	7200	1	0
	The Lizard ...	1025·2	-2	ENE	3	bc	55	97	8	7	8	-	4-6	4-6	4000	0	2
	Scilly (St. Mary's)	1024·1	-4	SE	4	c	55	92	8	5	4	3	2-3	7-8	2500	0	2
	Guernsey ..	1026·9	+2	-	0	bc	60	75	8	-	1	8	0	2-3	-	1	1
6	Pembroke ...	1024·5	-2	SE	4	z.	53	97	6	5	7	-	4-6	9+	2500	1	1
7	Holyhead ...	1025·0	0	SW	4	c	55	97	7	5	9	-	4-6	9+	450	1	2
	Chester (Sealand)	1026·3	+6	SE	1	z.	56	85	5	5	-	9	7-8	9	4000	1	*
8	Manchester ...	1027·2	+10	-	0	z.	56	85	5	5	-	-	10	10	4000	1	*
10	Spurn Head ...	1027·1	+4	SE'S	2	bc	55	85	6	-	1	-	0	2-3	-	1	1
	Catterick ...	1026·8	+6	SE'S	1	bc	54	92	7	5	3	-	2-3	4-6	4000	1	*
	Tynemouth ...	1026·7	+4	W	1	bc	54	75	6	5	-	-	2-3	2-3	1500	0	1
11	Inchkeith ...	1024·6	+4	NNW	1	c	50	92	6	5	9	-	4-6	7-8	2500	0	1
	Leuchars ...	1024·8	+8	-	0	c	50	85	6	5	-	-	9+	9+	4000	1	*
12	Renfrew (Abbots L.)	1024·2	+4	E	1	do.do.	52	92	5	5	-	-	10	10	1500	0	*
	Eskdalemuir ...	1025·4	+2	SE	2	do.do.	51	97	4	5	-	-	10	10	220	1	*
	Point of Ayre...	1024·2	0	S'W	4	c/r	53	97	6	5	3	-	4-6	9+	800	1	2
13A	Tiree ...	1020·4	+4	SSE	5	c/r	51	97	7	5	2	-	2-3	10	450	1	3
13B	Stornoway ...	1021·3	-2	SE	3	pr	50	85	7	5	2	-	4-6	10	1500	1	2
15	Dalwhinnie ...	1024·5	+2	-	0	c	48	75	8	5	-	-	10	10	4000	0	*
	Aberdeen ...	1024·7	+8	S'E	1	bc	54	65	6	-	3	6	0	4-6	-	1	1
	Wick ...	1023·2	+4	WSW	1	bc	49	92	8	5	7	-	2-3	4-6	2500	1	1
16	Lerwick ...	1022·6	+16	NW	4	c	47	92	8	8	2	-	7-8	10	800	1	*
17	Blacksod Point	1017·1	0	S	6	c	60	65	8	9	-	-	10	10	1500	0	4
18	Malin Head ...	1019·6	0	SE'S	3	c	58	85	7	8	8	-	7-8	9+	1500	0	1
	Aldergrove ...	1022·5	0	S	3	ir.	57	92	8	5	-	-	9+	9+	2500	1	*
19	Birr Castle ...	1021·1	+4	S	1	c	56	92	8	5	1	-	9	10	2500	0	*
20	Valentia Obsy. †	1018·3	-6	SE'S	5	bc	50	75	8	7	4	9	2-3	4-6	7200	1	2
	Roches Point	1022·5	-2	S'E	4	c	55	97	7	5	3	-	2-3	7-8	800	1	3

PAST 24 HOURS.

District	Stations	Temperature Max. Day 7h–18h °F. (31)	Temperature Min. Night 18h–7h °F. (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 27th hrs. (36)
1	London (Kew)	69	49	39	-	-	10·4
	Croydon ...	67	48	44	-	-	9·2
	S. Farnborough	67	44	40	-	Tr	13·7
	Boscombe Down	66	46	45	-	Tr	12·9
	Calshot (Sthmtn.)	64	50	46	-	-	10·6
	Lympne ...	63	44	40	-	Tr	12·2
	Manston ...	67	47	42	-	-	12·4
2	Shoeburyness ...	70	49	45	-	-	10·0
	Felixstowe ...	69	51	45	-	-	9·7
	Gorleston ...	66	52	52	-	-	10·7
	Mildenhall ...	68	52	49	-	Tr	10·4
	Cranwell ...	68	48	43	-	-	13·2
3	Birmingham ...	65	51	43	-	-	10·6
	Upper Heyford	66	49	41	-	-	*
4	Ross-on-Wye	65	50	45	-	-	7·3
5	Portland Bill ...	58	52	*	-	-	*
	Plymouth ...	61	52	49	-	-	9·8
	The Lizard ...	61	52	*	-	-	*
	Scilly (St. Mary's)	61	53	*	Tr	Tr	6·7
	Guernsey ..	64	51	46	-	-	13·2
6	Pembroke ...	57	51	*	-	-	1·5
7	Holyhead ...	61	52	51	Tr	0·1	11·4
	Chester (Sealand)	67	48	45	-	-	9·2
8	Manchester ...	64	46	43	-	-	12·1
10	Spurn Head ...	66	51	*	-	Tr	12·7
	Catterick ...	62	46	43	-	-	10·2
	Tynemouth ...	63	48	42	-	-	12·0
11	Inchkeith ...	58	46	36	-	-	8·1
	Leuchars ...	61	39	33	0·1	-	10·3
12	Renfrew (Abbots L.)	63	43	41	Tr	0·1	8·3
	Eskdalemuir ...	60	44	39	Tr	0·1	6·8
	Point of Ayre...	65	50	*	-	Tr	13·7
13A	Tiree ...	57	48	46	1	2	8·3
13B	Stornoway ...	61	48	*	4	0·3	6·2
15	Dalwhinnie ...	55	37	29	2	-	2·0
	Aberdeen ...	64	42	35	0·1	Tr	5·7
	Wick ...	58	41	*	0·2	-	*
16	Lerwick ...	50	46	*	29	Tr	0·0
17	Blacksod Point	58	51	*	-	1	*
18	Malin Head ...	57	52	*	-	0·5	9·4
	Aldergrove ...	65	54	52	-	0·4	11·8
19	Birr Castle ...	66	54	52	-	-	8·7
20	Valentia Obsy. †	61	56	52	Tr	0·3	0·5
	Roches Point	61	54	*	0·3	0·2	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon (24 hrs. ended 9h.)	Weather Night (24 hrs. ended 9h.)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity 15h. G.M.T. % (Yesterday.)	Humidity 9h. G.M.T. % (To-day.)	Visibility 9h. (To-day.)
Kew	18	bcwb⊕	cyc	cbcw	69	49	39	-	-	10·4	•	•	7
Croydon	217	b,c⊕y	cbcyc	cbcm.bw	67	48	44	-	-	9·2	•	•	8
Greenwich (Royal Observatory)	149	bc⊕y	cy	cb ∞	72	47	33	-	Tr	8·8	56	58	7
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	10·0	•	•	•
Westminster (St. James' Park)	27	•	•	•	69	67 52	45	—		9·5	48	49	•
Regents Pk. (Botanic Gardens)‡	168	•	•	•	69	50	44	-	-	10·8	68	57	•
Camden Sq'are	110	bbc	bcc	•	70	52	47	-	-	•	•	57	•
Kensington	80	bc	bc	•	70	50	42	-	-	10·8	At 18h. 55	56	•
Hampstead Observatory	440	bc	bc	bcm	67	46	32	-	-	9·8	•	65	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 27th.

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

Kew Observatory Max.	Time.	Min.	Time.
<0·1	Whole period		

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 27th May Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 28th May 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	1027·0	N	2	bc	70	1027·5	N	1	c	59	72	52	-	-
Brussels	1027·3	-	0	bc	66						70		-	
Berlin	1022·8	NW	3	b	68	1026·2	SSW	4	bc	61	82	54	-	-
Zürich	1025·2	ESE	4	bc	70	1025·4	N	1	c	61	79	55	2	-
Rome	*	-	0	c	66	1019·0	ENE	1	b	68	*	*	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	1½ miles.
5 Poor visibility	2½ ,,
6 Moderate ,,	6½ ,,
7 Good ,,	12½ ,,
8 Very good ,,	31 ,,
9 Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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, 29th May, 1937.
No. 27582.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1026.5	-18	S	2	c	72	55	8	-	7	7	0	3+	--
	Croydon ...	1026.5	-12	SSE	2	c	72	45	8	1	4	6	Tr	3+	4000
	S. Farnborough	1026.5	-12	SE	2	c	71	55	8	1	8	8	Tr	7.8	4000
	Boscombe Down	1026.4	-14	SE'E	3	c	68	55	8	7	-	6	Tr	7.8	4000
	Calshot (Sthmtn.)	1027.1	-6	ESE	3	c	63	55	8	1	-	8	Tr	7.8	2500
	Lympne ...	1027.7	-8	SE'E	2	bc	64	55	3	1	-	6	Tr	4.6	4000
	Manston ...	1027.4	-6	SE	3	bc	66	45	8	-	-	8	0	4.6	-
2	Shoeburyness ...	1027.4	-14	E	3	c	64	75	6	-	-	8	0	7.8	-
	Felixstowe ...	1028.1	-4	SE'E	2	z₀	64	75	6	8	4	7	1	3	2500
	Gorleston ...	1027.7	-6	SE	3	bc	60	75	6	-	4	1	0	4.6	-
	Mildenhall ...	1026.5	-10	-	0	bc	72	55	8	1	-	8	4.6	4.6	4000
	Cranwell ...	1026.3	-14	SSE	2	c	69	65	8	7	6	5	Tr	3	4000
3	Birmingham ...	1026.7	-6	S	2	bc	76	55	8	1	4	-	1	4.6	4000
	Upper Heyford	1026.5	-12	SE	1	c	69	65	8	1	3	3	2.3	7.8	1500
4	Ross-on-Wye	1025.2	-8	SE	2	c	68	56	8	1	7	3	Tr	7.8	4000
5	Portland Bill ...	1026.5	-4	E	3	c	54	52	8	4	-	2	2.3	7.8	2500
	Plymouth ...	1024.8	-10	SE	3	c	66	55	8	-	-	8	0	7.8	-
	The Lizard ...	1023.7	-10	E'N	5	bc	60	85	8	7	7	4	2.3	4.6	4000
	Scilly (St. Mary's)	1022.5	-10	SE'E	4	bc	61	85	8	5	8	6	1	4.6	2500
	Guernsey ...	1025.2	-12	E'N	1	bc	64	75	8	-	1	1	0	2.3	-
6	Pembroke ...	1023.2	0	SE	4	c	68	55	7	-	7	3	0	7.8	-
7	Holyhead ...	1024.5	-6	S	3	c	66	55	3	7	3	-	4.6	3	4000
	Chester (Sealand)	1024.3	-8	SE	3	c	71	55	8	7	3	5	2.3	7.8	4000
8	Manchester ...	1023.7	-14	S	3	c	69	55	7	7	3	4	2.3	7.8	2500
10	Spurn Head ...	1026.8	-4	SE	2	c	61	75	6	4	3	7	2.3	10	4000
	Catterick ...	1025.2	-10	-	0	c	71	65	8	7	5	-	4.6	3+	4000
	Tynemouth ...	1025.4	-4	SE	3	c	55	86	7	6	2	-	7.8	3+	800
11	Inchkeith ...	1024.6	0	S	1	c	61	85	7	8	-	-	3+	3+	2500
	Leuchars ...	1024.5	-2	E	1	z₀	61	75	7	5	3	-	7.8	3+	1500
12	Renfrew (Abbots L.)	1024.1	-2	N	2	z₀	60	85	5	5	-	-	10	10	2500
	Eskdalemuir ...	1025.4	0	SW'S	4	c	56	92	6	5	-	-	3+	3+	800
	Point of Ayre...	1024.3	+2	S'W	3	c	58	85	8	4	2	-	4.6	3+	2500
13A	Tiree	1020.5	0	SSE	5	c	58	85	8	5	4	-	4.6	7.8	2500
13B	Stornoway ...	1021.1	-2	S	3	c/r	52	97	8	5	7	-	7.8	3+	2500
15	Dalwhinnie ...	1023.4	-4	SW	3	c	53	75	8	4	1	-	4.6	10	4000
	Aberdeen ...	1023.8	-2	S	2	c	60	65	6	5	3	-	2.3	7.8	5700
	Wick ...	1023.2	0	SSE	3	bc	53	92	8	7	7	3	2.3	4.6	2500
16	Lerwick ...	1023.3	+10	S	1	c	49	92	8	8	7	-	7.8	10	1500
17	Blacksod Point	1016.4	-4	SE	6	c	63	65	8	-	7	-	0	3+	-
18	Malin Head ...	1019.8	0	SSE	3	c	64	75	7	8	-	-	3+	3+	1500
	Aldergrove ...	1022.6	-2	SSE	3	c	61	75	7	5	7	-	Tr	3+	800
19	Birr Castle ...	1020.3	-6	SSE	3	c	53	75	8	5	1	-	7.8	10	2500
20	Valentia Obsy. †	1017.5	-10	SSE	5	c	60	85	8	3	-	-	3+	3+	1500
	Roches Point	1020.8	-6	SE	4	bc	53	85	8	2	4	3	2.3	4.6	2500

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. °F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Cloud. Form. Med. (24)	Cloud. Form. High (25)	Cloud. Amount. Low 0–10 (26)	Cloud. Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1024.8	-10	SSE	3	c	71	45	8	-	-	7	0	3+	-	1	*
	Croydon ...	1025.2	-6	E'S	3	c	70	45	8	-	-	6	0	7.8	-	0	*
	S. Farnborough	1025.0	-10	SSE	2	bc	69	56	8	-	-	2	0	4.6	-	1	*
	Boscombe Down	1024.4	-10	SE'S	3	c	65	56	8	-	-	6	0	7.8	-	0	
	Calshot (Sthmtn.)	1024.7	-16	ESE	3	bc	62	68	8	-	-	8	0	4.6	-	1	§ 1
	Lympne ...	1026.1	-8	NE	3	bc	66	55	8	-	-	1	0	2.3	-	0	1
	Manston ...	1026.0	-4	E'N	3	bc	62	55	8	-	-	8	0	4.6	-	0	
2	Shoeburyness ...	1025.3	-10	E'N	3	c	62	65	8	-	-	8	0	7.8	-	0	*
	Felixstowe ...	1026.3	-8	E'S	2	z₀	60	75	6	-	4	8	0	7.8	-	1	1
	Gorleston ...	1026.8	-6	SE'E	2	bc	59	85	6	-	4	1	0	2.3	-	0	2
	Mildenhall ...	1025.2	-6	SSE	3	c	69	55	8	-	-	6	0	7.8	-	0	*
	Cranwell ...	1024.3	-12	SE	2	c	68	65	8	1	4	6	Tr	3+	4000	0	
3	Birmingham ...	1023.6	-12	SSE	3	c	70	55	8	1	-	6	Tr	7.8	4000	1	*
	Upper Heyford	1024.6	-10	SE'E	1	c	69	55	8	-	1	8	0	7.8	-	1	*
4	Ross-on-Wye	1023.2	-10	SE	2	c	68	65	8	1	4	2	Tr	3	4000	0	
5	Portland Bill ...	1023.5	-16	ESE	4	bc	56	92	8	4	-	-	2.3	2.3	2500	0	3
	Plymouth ...	1022.3	-10	E'S	3	c	64	65	8	-	3	8	0	7.8	-	1	1
	The Lizard ...	1022.2	-10	NE'E	3	c	58	92	8	7	7	-	4.6	7.8	4000	0	2
	Scilly (St. Mary's)	1021.1	-8	SE'E	4	bc	58	92	8	5	4	6	2.3	4.6	2500	0	2
	Guernsey ...	1023.3	-14	E	1	bc	61	85	7	-	1	1	0	2.3	-	0	1
6	Pembroke ...	1021.9	-12	SSE	5	bc	58	75	7	-	7	3	0	4.6	-	0	2
7	Holyhead ...	1022.5	-10	S	1	c	65	65	8	5	3	-	4.6	3+	4000	0	1
	Chester (Sealand)	1022.3	-14	SE'E	3	c	70	66	8	1	7	8	1	7.8	4000	1	*
8	Manchester ...	1023.5	-10	S'E	2	c	71	65	7	1	4	8	1	7.8	7200	0	
10	Spurn Head ...	1025.7	-4	SE'S	3	bc	56	85	6	-	8	8	0	4.6	-	0	3
	Catterick ...	1023.7	-12	-	0	z₀	70	75	6	5	4	-	4.6	7.8	2500	0	*
	Tynemouth ...	1024.4	-8	SE	2	c	54	85	6	4	3	-	7.8	7.8	1500	0	1
11	Inchkeith ...	1023.2	-2	S	1	c	61	85	8	5	1	-	4.6	9	2500	0	1
	Leuchars ...	1023.6	-8	SSW	2	c	63	75	8	3	7	-	4.6	9	2500	0	*
12	Renfrew (Abbots L.)	1022.8	-10	SSW	2	c	62	65	7	3	2	-	2.3	10	4000	1	*
	Eskdalemuir ...	1024.0	-10	SSW	2	ir₀	59	85	6	3	2	-	4.6	10	2500	1	
	Point of Ayre...	1022.3	-14	SSE	2	c	56	92	8	4	1	-	4.6	3+	2500	0	1
13A	Tiree	1019.0	-14	SE'S	5	c/r	54	85	6	8	3	-	4.6	3+	2500	0	3
13B	Stornoway ...	1020.1	-6	S	3	c	55	85	3	5	7	-	7.8	3+	4000	1	2
15	Dalwhinnie ...	1022.5	-8	S	4	c	58	75	8	5	2	-	4.6	10	4000	0	
	Aberdeen ...	1023.1	-6	S'W	3	bc	57	75	6	5	4	1	1	4.6	5700	0	1
	Wick ...	1021.7	-6	S	2	c	51	97	8	5	6	-	4.6	7.8	1500	1	2
16	Lerwick ...	1024.0	0	S	2	c	49	92	8	8	8	-	4.6	7.8	2500	0	
17	Blacksod Point	1013.0	-24	SE	5	c	62	65	8	8	-	-	7.8	7.8	1500	1	4
18	Malin Head ...	1018.0	-18	SE'E	3	c	61	85	7	8	1	-	7.8	9	1500	0	1
	Aldergrove ...	1020.7	-16	SSE	3	c	59	85	7	5	7	-	4.6	10	5700	1	
19	Birr Castle ...	1018.3	-14	S	3	c	63	75	8	3	-	-	3+	3+	2500	0	*
20	Valentia Obsy. †	1014.3	-18	SSE	6	ir₀	58	92	6	5	-	-	10	10	800	1	3
	Roches Point	1018.7	-12	SSE	4	c	58	85	8	-	7	5	0	7.8	-	1	3

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 28th (37)	Weather. 13h.—18h. 28th (38)	Weather. 18h. 28th—1h. 29th (39)	Weather. 1h.—7h. 29th (40)
1	London (Kew)	bcacy⊕	cy	cyc	cz₀
	Croydon ...	bccy⊕	cbcy⊕	cbcc	cbcc
	S. Farnborough	bcy⊕	bcy	bcyb	bbcz₀
	Boscombe Down	offcbc	bcy	bcyc	cbc
	Calshot (Sthmtn.)	cmbccy	bcybc	bc	bcbcm
	Lympne ...	bcmifffc	bcy	ybc⊕	bc,c⊕z
	Manston ...	bzbcy	bcy	cbcbbc	bccm
2	Shoeburyness ...	bcz₀	cz bc	bccm₀	bcm₀w
	Felixstowe ...	bmsm₀	cmbcm	bcm₀b	bwbccm
	Gorleston ...	bccz₀	bcz₀	bcz₀w⊕	c
	Mildenhall ...	bzbcy	bcy	cybc	bcmcm
	Cranwell ...	bzbcc	cbcc	cm	bccwbc
3	Birmingham ...	bc	bc	bcc	cbc
	Upper Heyford	bcc	c	c	cm₀bc
4	Ross-on-Wye	czbcc	cy⊕	ccbc	bcbw
5	Portland Bill ...	bcc	cbc	cbc	bcbc
	Plymouth ...	cbcy⊕	bc⊕ybc	bc	bcb
	The Lizard ...	bc	bcc	cbcw	bccdf
	Scilly (St. Mary's)	cbc⊕	bccbc⊕	bccw	cdf
	Guernsey ...	bc	bc	bc	bc
6	Pembroke ...	cbccy	cbc	bccbc	bcc
7	Holyhead ...	irsyc	yc	c	pr₀c
	Chester (Sealand)	cmbcy⊕	bcybc⊕	bc	bcw
8	Manchester ...	cmzbc	bccy	cbcc	cbcw
10	Spurn Head ...	bcc	cbcc	c	c
	Catterick ...	bcwc	cybcz	obcm₀	bcm₀
	Tynemouth ...	bcc	cp₀	cbc	cbc
11	Inchkeith ...	c	c	cbc	bcc
	Leuchars ...	cr₀z₀	c	wm₀	cwm₀
12	Renfrew (Abbots L.)	cmr₀r₀	cm₀pr₀c	c v₀	cm₀pr₀c
	Eskdalemuir ...	odd₀c	cmcir₀	cir₀c	cm₀c
	Point of Ayre...	zc	c	cbcc	c
13A	Tiree	c	cir₀	cir₀	irir
13B	Stornoway ...	cr₀r₀	c	pr₀c	cprpr
15	Dalwhinnie ...	cir₀	c		c
	Aberdeen ...	cbcz₀	bcz₀	bccz₀	cz₀
	Wick ...	bc	bcc	c	cm₀
16	Lerwick ...	c	c	c	cpr₀
17	Blacksod Point	cq	prbc	prcq	prcq
18	Malin Head ...	c	c	cir₀c	c
	Aldergrove ...	circ	c	c	c
19	Birr Castle ...	c	c	cb	b
20	Valentia Obsy. †	bcc	bcir₀	ir₀r₀r₀c	cbc
	Roches Point	cbc	bcc	cir₀c	odfbc

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. r_0, slight rain.
rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☿ lunar halo. ⁄ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 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.*

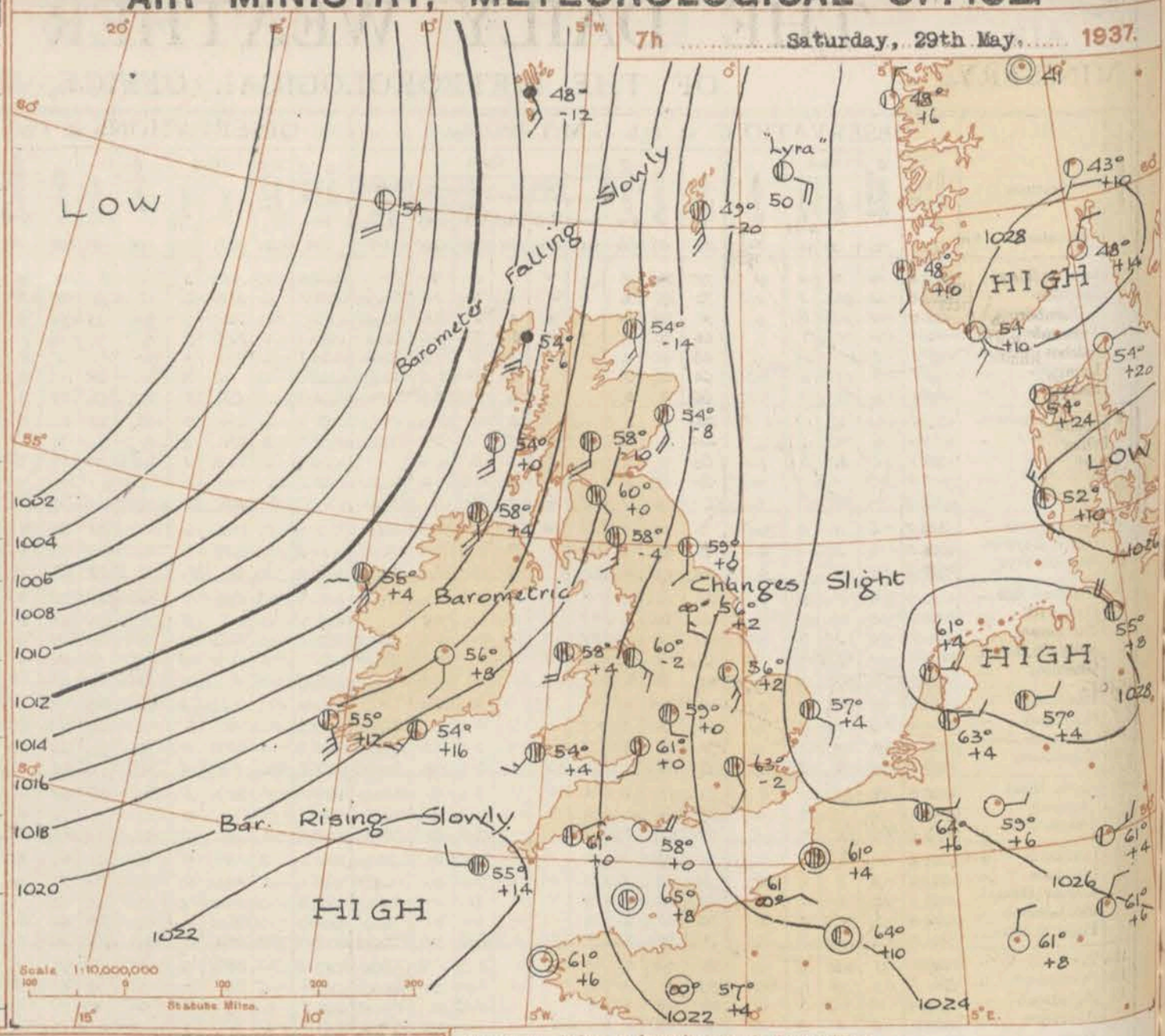
† Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for Friday, 28th May, 1937.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	bbc	bcb	43	76	–	–	12.5	12.2
	Bournemouth	b	b	50	68	–	–	10.5	12.7
	Ventnor ...	b	b	49	65	–	–	11.1	7.5
	Southsea ...	b	b	51	67	–	–	10.9	12.1
	Bognor Regis	b	b	50	62	–	–	11.0	10.6
	Littlehampton	bcb	b	49	64	–	–	11.2	11.5
	Worthing ...	b	b	52	63	–	–	11.2	10.0
	Brighton ...	b	b	51	63	–	–	11.0	6.4
	Eastbourne† ...	b	b	46	64	–	–	11.6	10.2
	Hastings† ...	bbc	bc	46	66	Trace	–	12.2	12.4
	Folkestone ...	bzb	b	48	66	–	–	10.1	11.1
	Dover ...	fb	by	49	68	–	–	9.9	10.3
	Deal	b	b	49	68	–	–	12.0	11.8
	Ramsgate ...	b	b	52	62	–	–	12.3	12.3
	Margate ...	bc	bc	52	66	–	–	12.2	9.1
2	Southend ...	b	b	52	70	–	–	12.0	9.6
	Maldon ...	b	bv	48	70	–	–	11.7	10.1
	Clacton-on-Sea	bcm	bc	52	68	–	–	11.8	9.6
	Dovercourt ...	bc	bz	52	65	–	–	11.8	10.3
	Lowestoft ...	b	b	51	68	–	–	11.5	10.2
	Skegness ...	bbc	bcb	52	68	–	–	11.1	13.8
	Mablethorpe...	bc	bcb	46	69	–	–	11.3	13.5
	Cleethorpes ...	bc	bc	49	72	–	–	9.8	13.8
3	Leamington S.	bc	bc	48	71	–	–	10.0	10.7
4	Cheltenham†	wbcb	bbcy	50	72	–	–	11.9	11.3
5	Bath	b	b	49	72	–	–	8.1	8.3
	Weymouth ...	b	b	49	62	–	–	10.5	11.2
	Jersey ...	b	b	54	72	–	–	12.2	11.2
	Torquay ...	wb	bbc	52	63	–	–	10.2	12.8
	Penzance ...	b	b	53	65	–	–	10.6	2.8
	St. Ives ...	b	b	53	66	–	–	9.8	7.6
	Bude... ...	b	b	56	71	–	–	10.3	5.6
	Ilfracombe ...	cbc	bcb	52	70	–	–	10.1	8.0
6	Aberystwyth	cbc	bcc	56	69	–	–	6.4	7.3
7	Llandudno ...	c	bcc	54	67	Trace	–	3.1	11.6
	Colwyn Bay...	bccbc	cbc	55	69	–	–	4.4	12.2
	Rhyl	bcc	cbc	55	71	–	–	5.5	11.5
8	Wallasey ...	bcb	bbc	54	72	–	–	6.1	12.2
	Southport ...	oc	cbcc	49	73	–	–	1.4	12.7
	Blackpool ...	c	oc	49	71	–	–	3.0	12.3
	Morecambe ...	bczbc	bczbc	53	70	–	–	5.3	14.2
9	Ilkley... ...	bc	bc	46	73	–	–	6.9	11.7
	Harrogate ...	cbc	bbc	48	72	–	–	8.8	3.8
10	Berwick-on-T.	c	cc	46	65	–	Trace	4.2	11.0
11	Dunbar ...	bc	bc	46	68	–	Trace	2.3	11.2
12	Troon... ...	cpcbc	pcbcc	51	62	0.5	Trace	0.9	10.8
	Douglas ...	cbic	cbz	50	60	Trace	Trace	0.9	12.6

† 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. 29th May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light to moderate southeasterly to variable then southwesterly winds; mainly fine, slight tendency for thunder; local coastal fog; very warm today, cooler tomorrow.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England	Moderate southwest to west winds; bright periods, scattered showers; local coastal fog; perhaps thunder; warm.
9 N. Midlands ...	As 1 - 4.
10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Moderate to fresh southerly to southwesterly winds; bright periods, showers, perhaps of a thundery type; rather warm.
13 { A. W. Scotld. B. N.W. Scotland.	Moderate to strong southerly winds; bright periods; occasional rain; rather warm.
14 Mid Scotland 15 N. E. Scotland	As 10 - 12.
16 Orkney and Shetland	As 13A. - 13B.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Moderate to fresh southwesterly winds; bright periods, showers; rather warm.

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

GENERAL INFERENCE.

Pressure is high over Scandinavia, Central Europe and off our southwest coasts and a depression to the south of Iceland is growing less deep. Weather will continue fine and very warm in the Southeast and showery in the North and West.

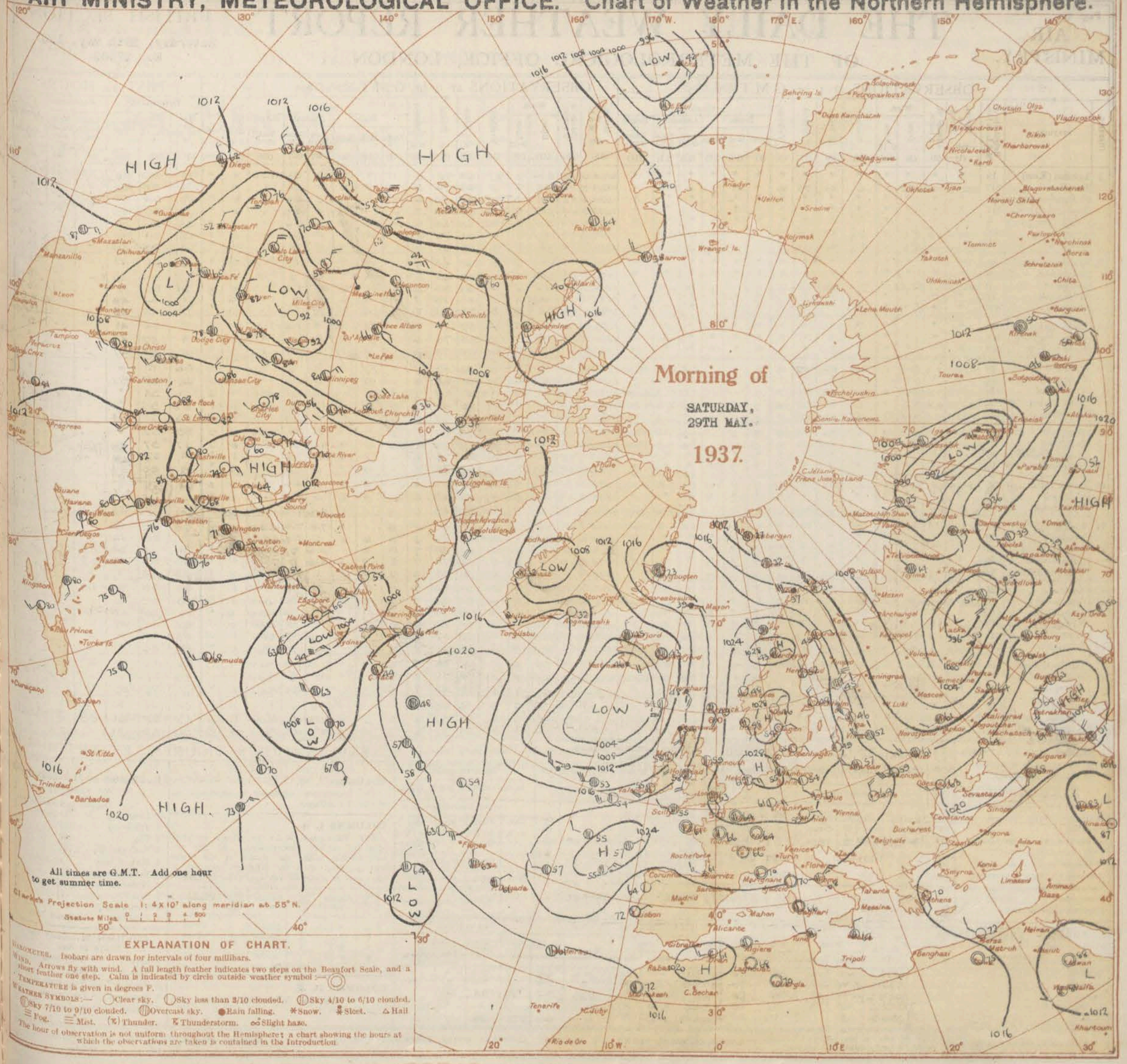
FURTHER OUTLOOK.

Similar.

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.



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 29th May, 1937.
No. 27582.

OBSERVATIONS at 1 hr. G.M.T. 29th May

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	1023·0	-4	SE'E	3	c	61	75	8	-	3	2	0	7-8	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1025·6	-6	E'N	4	bc	57	75	7	-	-	8	0	2-3	-
	Manston ...	142	1025·6	-6	E'S	3	bc	56	85	7	-	-	8	0	2-3	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1026·3	-2	SE'E	2	if	53	92	6	-	-	6	0	4-6	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1022·8	-6	ESE	3	bc	52	92	8	4	-	-	4-6	4-6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1021·8	-2	ENE	3	bc	55	97	7	7	-	-	2-3	2-3	4000
	Scilly (St. Mary's)	163	1020·8	+2	S'E	3	c	55	97	8	5	4	-	2-3	7-8	2500
	Guernsey ..	175	1023·2	-12	SSE	1	bc	59	85	7	-	1	1	0	4-6	-
6	Pembroke ...	142	1020·9	0	SE'S	5	c	55	75	8	5	2	-	4-6	7-8	2500
7	Holyhead ...	26	1020·8	-10	S'W	4	c	59	65	8	5	-	-	7-8	7-8	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1025·0	0	SSE	2	c	55	92	7	5	1	-	2-3	7-8	4000
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1023·9	-2	W	2	bc	51	92	6	2	-	-	4-6	4-6	1500
11	Inchkeith ...	190	1022·6	-4	N	1	bc	54	97	7	5	-	-	4-6	4-6	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsinch)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1021·2	-6	S	2	c	53	97	7	-	4	7	0	7-8	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1017·9	-8	S	3	c	53	85	8	5	7	-	7-8	9+	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1021·1	-2	SSE	1	c	50	97	7	5	7	-	4-6	7-8	1500
16	Lerwick ...	156	1024·6	0	SE	3	c	47	92	8	8	8	-	7-8	9	800
17	Blacksod Point	18	1013·6	+6	SE	4	c	54	85	8	9	-	-	9+	9+	800
18	Malin Head ...	84	1015·2	-10	SE	4	c	55	85	7	8	1	-	7-8	9+	4000
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1016·4	+14	S	4	bc	53	97	8	8	-	-	4-6	4-6	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 29th May

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
London (Kew)	1024·6	-2	E'N	2	Z_o	63	75	5	1	7	7	Tr	9+	4000	1	*
Croydon ...	1024·5	-2	SE	2	c	63	75	6	-	7	6	0	9+	-	0	*
S. Farnborough	1024·4	+2	SE	3	Z_o	60	75	6	-	-	9	0	4-6	-	1	*
Boscombe Down	1023·9	+4	SE'E	2	bc	57	85	7	-	-	8	0	4-6	-	0	*
Calshot (Sthmtn.)	1023·8	+2	E'S	3	bc	60	85	6	-	4	6	0	4-6	-	1	2
Lympne ...	1025·2	-4	E	3	c	61	75	6	-	4	6	0	9+	-	0	1
Manston ...	1025·2	-2	SE	4	c	59	75	6	-	-	7	0	9	-	0	*
Shoeburyness ...	1025·2	-2	ESE	2	c	60	85	6	-	-	7	0	10	-	0	*
Felixstowe ...	1026·0	+2	SE'E	3	Z_o	59	85	6	-	4	7	0	9	-	0	1
Gorleston ...	1026·5	+4	SE'E	2	c	57	85	6	-	-	8	0	7-8	-	0	2
Mildenhall ...	1025·1	-2	SE	4	c	61	75	7	-	3	6	0	9	-	0	*
Cranwell ...	1025·1	+2	SE	3	b	56	92	7	-	4	9	0	1	-	0	*
Birmingham ...	1023·8	0	SSE	2	bc	59	75	7	-	3	9	0	7-8	-	1	*
Upper Heyford	1024·5	+2	SE	1	Z_o	59	75	6	-	-	1	0	1	-	1	*
Ross-on-Wye	1022·9	0	SSW	2	bc	61	75	6	-	4	1	0	2-3	-	0	*
Portland Bill ...	1022·8	0	E	4	b	58	92	7	-	-	-	0	0	-	0	2
Plymouth ...	1021·7	0	NE'E	1	bc	61	85	8	-	3	5	0	2-3	-	0	0
The Lizard ...	1022·0	+6	W	2	cf+	55	97	2	5	-	-	10	10	800	1	2
Scilly (St. Mary's)	1022·3	+14	W	2	c/f	55	97	7	5	-	-	10	10	800	0	1
Guernsey ..	1022·6	+8	-	0	bc	65	75	7	-	1	-	0	2-3	-	0	1
Pembroke ...	1021·1	+4	SW	3	c	54	92	7	5	-	-	9+	9+	1500	0	2
Holyhead ...	1020·3	+4	SSW	4	c/r	56	75	8	8	6	8	2-3	9+	4000	0	2
Chester (Sealand)	1022·1	-2	SE'E	3	bc	60	75	8	-	7	6	0	7-8	-	1	*
Manchester ...	1022·9	+2	SSE	3	Z_o	62	75	6	-	5	1	0	4-6	-	1	*
Spurn Head ...	1025·2	0	SE'S	4	bc	55	92	6	-	3	9	0	4-6	-	0	3
Catterick ...	1023·4	+2	S	3	Z_o	56	85	6	-	3	2	0	4-6	-	0	*
Tynemouth ...	1022·6	0	S	2	bc	59	85	6	2	-	1	4-6	4-6	1500	0	1
Inchkeith ...	1020·7	-4	SE	3	c	59	85	6	5	-	-	7-8	7-8	1500	0	2
Leuchars ...	1020·8	-4	ENE	1	c	55	92	6	5	8	2	Tr	7-8	5700	0	*
Renfrew (Abbotsinch)	1019·5	0	SE'S	2	c	60	85	7	5	8	-	4-6	9+	4000	1	*
Eskdalemuir ...	1020·8	-4	S	3	c	58	75	7	5	7	2	4-6	9	2500	1	*
Point of Ayre...	1020·4	0	ESE	2	c	56	85	8	2	8	4	1	7-8	4000	0	1
Tiree	1015·3	0	S'E	5	c	54	85	7	5	7	-	9	10	1500	1	3
Stornoway ...	1015·2	-6	S	4	pr.	54	85	7	8	7	-	7-8	10	1500	1	3
Dalwhinnie ...	1019·4	-10	S	4	c	58	75	8	4	1	-	4-6	10	4000	0	*
Aberdeen ...	1020·9	-8	S'E	4	c	54	85	6	5	7	-	1	9	7200	0	1
Wick ...	1019·0	-14	SSE	3	c	54	92	6	5	7	9	4-6	9	800	1	2
Lerwick ...	1022·2	-20	SSE	5	c	49	97	7	5	7	-	4-6	9+	450	1	*
Blacksod Point	1013·7	+4	SE	6	c	55	85	8	8	-	-	7-8	7-8	1500	0	5
Malin Head ...	1015·5	+4	S'E	4	c	58	92	7	8	-	-	9	9	1500	0	1
Aldergrove ...	1018·0	+6	S	3	c	57	85	7	5	-	-	9+	9+	1500	1	*
Birr Castle ...	1017·7	+8	S	2	b	56	85	7	-	-	-	0	0	-	0	*
Valentia Obsy. †	1012·5	+12	SW'S	5	bc	55	85	8	8	3	9	2-3	4-6	1500	1	3
Roches Point	1020·5	+16	SW	3	bc	54	92	8	3	-	3	2-3	4-6	2500	1	2

PAST 24 HOURS.

Stations	Temperature Max. Day 7h-18h °F.	Temperature Min. Night 18h-7h °F	Temperature Min. on Grass °F.	Rainfall Day 7h-18h mm.	Rainfall Night 18h-7h mm.	Sunshine 29th Hrs.
London (Kew)	75	56	46	-	-	13·5
Croydon ...	74	58	51	-	-	14·2
S. Farnborough	72	54	47	-	-	14·1
Boscombe Down	69	52	49	-	-	9·3
Calshot (Sthmtn.)	65	56	55	-	-	12·0
Lympne ...	68	54	51	-	-	14·6
Manston ...	68	55	53	-	-	14·1
Shoeburyness ...	68	54	47	-	-	14·0
Felixstowe ...	67	54	49	-	-	13·8
Gorleston ...	64	53	51	-	-	13·7
Mildenhall ...	74	52	48	-	-	11·9
Cranwell ...	71	46	43	-	-	14·5
Birmingham ...	71	54	41	-	-	9·7
Upper Heyford	71	52	47	-	-	*
Ross-on-Wye	71	51	47	-	-	11·8
Portland Bill ...	58	51	*	-	-	*
Plymouth ...	66	55	52	-	-	11·4
The Lizard ...	61	54	*	-	Tr	*
Scilly (St. Mary's)	62	54	*	-	-	10·5
Guernsey ..	65	57	54	-	-	14·5
Pembroke ...	69	52	*	-	-	7·8
Holyhead ...	67	57	53	Tr	Tr	3·5
Chester (Sealand)	74	53	49	-	-	6·0
Manchester ...	73	55	50	-	-	5·1
Spurn Head ...	63	53	*	-	-	11·0
Catterick ...	72	54	52	-	-	6·1
Tynemouth ...	68	51	48	Tr	-	7·3
Inchkeith ...	63	49	46	-	-	1·7
Leuchars ...	65	48	44	Tr	-	0·3
Renfrew (Abbotsinch)	64	56	54	0·2	Tr	0·2
Eskdalemuir ...	60	52	47	0·5	Tr	0·0
Point of Ayre...	63	50	*	-	-	1·4
Tiree	60	53	51	Tr	2	2·8
Stornoway ...	59	52	*	1	1	3·0
Dalwhinnie ...	61	(54) 53	50	Tr	-	0·5
Aberdeen ...	62	51	47	-	-	5·6
Wick ...	53	49	*	-	-	*
Lerwick ...	50	46	*	-	Tr	*
Blacksod Point	66	50	*	Tr	3	*
Malin Head ...	66	57	*	-	0·2	1·2
Aldergrove ...	65	55	52	Tr	-	1·4
Birr Castle ...	65	55	51	-	-	0·0
Valentia Obsy. †	63	52	48	0·5	4	4·3
Roches Point	60	53	*	-	0·6	*

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	bcwcy	cy⊕	cycz.	75	56	46	-	-	13·5	•	•	6
Croydon	217	bccy⊕	cbcy⊕	cbcc	74	58	51	-	-	14·2	•	•	6
Greenwich (Royal Observatory)	149	bc⊕y	bc⊕y	bwz.	77	50	37	-	-	13·8	45	63	6
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	13·4	•	•	•
Westminster (St. James' Park)	27	•	•	•	75	59	52	-	-	13·3	37	57	•
Regents Pk. (Botanic Gardens)‡	158	•	•	•	75	56	49	-	-	13·6	40	57	•
Camden Square	110	bbc	b	•	79	55	50	-	-	•	•	57	•
Kensington	80	bc	bcb	•	74	57	50	-	-	14·2	41 18h. 27	58	•
Hampstead Observatory	480	bm	bc	bcm	73	52	39	-	-	13·1	•	61	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 29th

South Kensington Max.	Time.	Min.	Time.
0·3	5-7h 29th	<0·3	17-19h 28th

Kew Observatory Max.	Time.	Min.	Time.
0·2	7hrs 29th	<0·1	8-19h 28th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 28th May Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 29th May Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1023·1	NE	2	b	75	1023·9	-	0	bc	64	77	54	-	-
Brussels	1025·1	ENE	2	b	70	1025·2	E	1	c	64	72	54	-	-
Berlin	1022·6	WNW	4	bc	68	1026·5	WNW	3	bc	54	73	50	-	-
Zurich	1022·6	NE	3	bc	73	1024·6	NW	1	b	61	•	•	-	-
Rome	1018·2	SE	1	fr.	70	1019·8	NE	3	c	68	79	63	2	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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, 30th May, 1937.
No. 27583.

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

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)	1022.8	−5	SW'S	3	b	73	55	8	1	–	–	1	1	4000
	Croydon ...	1023.3	−6	SW'S	3	bc	77	55	8	1	–	–	2.3	2.3	5700
	S. Farnborough	1022.8	−6	SE	3	bc	77	55	7	1	–	–	4.6	4.6	5700
	Boscombe Down	1022.3	−4	S'E	2	z_o	74	65	7	8	–	8	4.6	7.8	4000
	Calshot (Sthmtn.)	1023.5	−4	E'S	3	z_o	62	65	6	–	4	–	0	Tr	–
	Lympne ...	1024.4	−6	E'S	2	bc	73	45	6	–	–	8	0	2.3	–
	Manston ...	1023.3	−12	ESE	3	bc	71	55	6	–	–	8	0	4.6	–
2	Shoeburyness ...	1024.3	−5	E'N	3	b	64	73	6	–	–	8	0	1	–
	Felixstowe ...	1025.2	−6	E'N	3	z_o	63	73	6	–	–	3	0	1	–
	Gorleston ...	1025.8	−5	ESE	2	bc	55	73	6	–	4	1	0	4.6	–
	Mildenhall ...	1023.5	−10	SE'S	4	bc	74	45	7	–	–	8	0	2.3	–
	Cranwell ...	1023.2	−8	SE	3	c	73	63	6	1	4	6	1	7.8	4000
3	Birmingham ...	1021.6	−4	SW	3	c	73	55	8	7	–	7	7.8	9	2500
4	Upper Heyford	1023.0	−14	S	3	z_o	74	55	6	1	–	1	4.6	7.8	2500
	Ross-on-Wye	1021.4	−5	SSW	3	c	75	55	8	1	–	5	4.6	7.8	4000
5	Portland Bill ...	1023.4	+2	NE	3	b	61	85	7	–	–	–	0	0	–
	Plymouth ...	1022.6	+4	S'W	2	c	63	85	8	1	–	6	1	7.8	2500
	The Lizard ...	1023.1	+4	WNW	3	bc	63	85	8	5	7	–	4.6	4.6	2500
	Scilly (St. Mary's)	1023.7	+6	N'W	3	bc	60	85	8	5	4	3	2.3	4.6	2500
	Guernsey ...	1022.8	+2	–	0	b	74	65	7	–	–	8	0	1	–
6	Pembroke ...	1022.6	+8	W	1	c	55	85	7	5	7	–	4.6	9	2500
7	Holyhead ...	1021.7	+4	SSW	4	c	55	85	6	5	8	–	7.8	7.8	4000
	Chester (Sealand)	1021.0	−8	SE	3	c	74	65	8	6	–	8	4.6	7.8	4000
8	Manchester ...	1021.6	−6	SSW	3	c	74	55	7	7	3	6	2.3	7.8	5700
10	Spurn Head ...	1023.4	−6	SE'E	4	c	59	55	7	5	7	1	4.6	7.8	4000
	Catterick ...	1020.4	−14	S'E	4	c	74	55	7	2	4	–	7.8	7.8	4000
	Tynemouth ...	1020.8	−10	SSE	3	c	58	75	6	5	–	–	7.8	7.8	2500
11	Inchkeith ...	1018.3	−8	S	2	c	62	75	8	5	–	–	7.8	7.8	2500
12	Leuchars ...	1018.9	−10	S	4	z_o	60	55	7	5	–	–	4.6	4.6	2500
	Renfrew (Abbots I.)	1019.0	+2	SW	3	c	62	75	7	5	–	–	10	10	2500
	Eskdalemuir ...	1020.0	−2	SW'S	5	c	63	65	7	7	–	8	4.6	7.8	2500
	Point of Ayre ...	1020.6	+4	SW'W	4	c	68	75	7	5	8	7	4.6	7.8	800
13A	Tiree ...	1016.5	+6	S'E	4	c	61	65	9	5	6	–	7.8	9	2500
13B	Stornoway ...	1014.4	−4	SSW	6	bc	57	75	8	5	–	–	4.6	4.6	1500
15	Dalwhinnie ...	1017.4	−4	S	6	c	62	65	7	4	2	–	4.6	7.8	2500
	Aberdeen ...	1019.2	−8	SSE	4	bc	62	65	6	–	8	–	0	4.6	–
	Wick ...	1016.5	−10	S	3	c	57	85	6	5	6	–	4.6	7.8	800
16	Lerwick ...	1019.3	−16	S	5	c	50	97	7	8	2	–	7.8	10	800
17	Blacksod Point	1016.5	+16	SW	7	bc	58	85	8	9	–	–	4.6	4.6	1500
18	Malin Head ...	1016.9	+2	SSW	4	c	62	75	7	7	–	–	7.8	7.8	2500
	Aldergrove ...	1018.9	+8	WSW	4	bc	65	55	9	1	–	2	1	4.6	4000
19	Birr Castle ...	1019.7	+6	SW	2	c	62	65	8	5	–	–	9+	9+	2500
20	Valentia Obsy. †	1021.6	+16	SW	5	c	55	75	8	2	–	6	2.3	7.8	1500
	Roches Point	1022.2	+6	WSW	3	bc	58	85	8	3	–	1	4.6	4.6	1500

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)
1	London (Kew)	1021.9	−6	SSW	2	c	77	45	8	–	–	2	0	7.8	–	0	*
	Croydon ...	1022.1	−6	SW'S	3	c	75	45	6	–	–	6	0	7.8	–	0	*
	S. Farnborough	1022.0	−2	SSW	3	bc	73	55	7	–	–	2	0	4.6	–	0	*
	Boscombe Down	1022.2	−2	S'W	3	c	72	55	7	–	–	6	0	7.8	–	0	*
	Calshot (Sthmtn.)	1022.8	−6	SE'S	3	z_o	63	75	6	–	–	6	0	7.8	–	1	2
	Lympne ...	1023.4	−2	SE'S 2	3	bc	71	55	6	–	–	2	0	2.3	–	0	1
	Manston ...	1023.0	−2	E	3	z_o	68	65	6	–	–	6	0	2.3	–	0	*
2	Shoeburyness ...	1023.0	−10	E'S	3	c	65	75	6	–	–	7	0	10	–	0	*
	Felixstowe ...	1023.6	−8	ENE	3	z_o	62	75	6	–	–	3	0	4.6	–	0	1
	Gorleston ...	1023.0	−10	SSE	3	c	58	75	7	–	4	–	0	7.8	–	0	3
	Mildenhall ...	1022.1	−8	SE'S	4	z_o	72	55	6	–	–	8	0	2.3	–	0	*
	Cranwell ...	1021.4	−12	SE	2	c	73	65	6	–	3	6	0	7.8	–	0	*
3	Birmingham ...	1020.6	−8	SSW	3	c	75	55	8	2	–	8 4	1	7.8	4000	0	*
4	Upper Heyford	1021.8	−2	S'W	2	z_o	74	55	6	4	–	6	Tr	9	4000	0	*
	Ross-on-Wye	1020.9	−6	SW	3	bc	73	65	7	7	–	2	1	4.6	4000	0	*
5	Portland Bill ...	1022.7	−6	ESE	2	c	58	82	7	–	4	–	0	7.8	–	0	2
	Plymouth ...	1022.5	+2	NW	3	c	63	85	8	2	–	8	1	7.8	2500	0	1
	The Lizard ...	1023.1	0	NNW	2	bc	62	75	8	7	–	1	2.3	2.3	4000	0	1
	Scilly (St. Mary's)	1024.5	−4	N'W	3	bc	58	85	8	–	5	3	0	2.3	–	0	1
	Guernsey ...	1022.5	−2	NW'N	1	bc	67	75	7	–	1	1	0	2.3	–	0	1
6	Pembroke ...	1022.1	0	W'N	2	c	56	85	7	5	4	9+	2.3	7.8	2500	0	1
7	Holyhead ...	1021.6	0	SSW	4	bc	56	75	9	–	4	6	0	4.6	–	0	2
	Chester (Sealand)	1021.2	−2	SW'W	4	c	67	65	7	8	–	8	7.8	7.8	4000	0	*
8	Manchester ...	1021.3	+4	NW'N	3	bc	64	75	7	7	3	–	4.6	4.6	4000	0	
10	Spurn Head ...	1021.5	−12	SE'E	5	c	57	85	7	5	7	–	4.6	9	4000	0	3
	Catterick ...	1020.0	−2	W'S	3	c	66	75	7	8	7	6	4.6	9	2500	0	*
	Tynemouth ...	1019.5	−6	S	1	c	58	85	6	9	–	–	7.8	7.8	1500	0	1
11	Inchkeith ...	1017.8	−16	S	4	c	63	75	8	8	–	7	4.6	7.8	2500	0	3
12	Leuchars ...	1018.3	−6	SSW	3	c	66	65	8	8	–	5	4.6	7.8	4000	0	*
	Renfrew (Abbots I.)	1019.0	+4	SW'S	3	c	62	65	8	7	–	6	4.6	7.8	4000	0	*
	Eskdalemuir ...	1020.2	−2	SW	4	c	55	85	6	8	3	6	9	9	1500	0	
	Point of Ayre ...	1020.6	0	W	3	c	67	55	8	–	4	2	0	7.8	–	0	1
13A	Tiree ...	1016.8	+2	SSW	5	c	55	85	8	8	6	2	4.6	7.8	1500	0	3
13B	Stornoway ...	1014.4	0	SSW	6	c	53	75	8	8	7	–	4.6	7.8	1500	1	4
15	Dalwhinnie ...	1017.8	−4	S	5	c	52	65	8	5	6	–	4.6	9	4000	0	
	Aberdeen ...	1017.9	−6	S	3	c	56	85	6	5	9	6	4.6	7.8	5700	0	2
	Wick ...	1015.6	−12	S	3	bc 66	56	65	7	8	1	1	2.3	4.6	1500	1	2
16	Lerwick ...	1017.4	−8	SSW	4	c/pr	50	97	6	8	7	–	4.6	9+	800	1	*
17	Blacksod Point	1018.8	+14	SW	5	bc	56	85	8	3	3	–	2.3	4.6	1500	0	3
18	Malin Head ...	1017.7	+8	SW'W	4	c	58	85	7	8	–	–	7.8	7.8	1500	0	1
	Aldergrove ...	1019.0	+6	SW	4	c	61	65	9	5	–	8	9	9+	2500	1	*
19	Birr Castle ...	1020.7	+6	W	2	c	60	55	8	2	1	–	2.3	9	2500	0	*
20	Valentia Obsy. †	1022.5	+4	SW'W	4	c	57	75	8	2	–	9	4.6	7.8	1500	1	3
	Roches Point	1022.8	+2	W'S	3	c	58	85	9	2	–	7	2.3	7.8	2500	0	3

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 29th (37)	13h.—18h. 29th (38)	18h. 29th—1h. 30th (39)	1h.—7h. 30th (40)
1	London (Kew)	czby	bybcy	bcyc	cbcwm
	Croydon ...	c@by	bcy	bcycbm	bwmbc
	S. Farnborough	bczby	bcy	bcybw	bwb
	Boscombe Down	bcbmbc	bcycy	cybc	c
	Calshot (Sthmtn.)	bm	bbcm	cbmbwm	bwbcwm
	Lympne ...	cbczy	bcbzy	bbcz	bbcbz
	Manston ...	bcbzy	bbcz	bcz.bbc	bcm.m
2	Shoeburyness ...	cbz	bcz@	cbcz	bcwz
	Felixstowe ...	cmbm	bmbcm	bcwm	bcm
	Gorleston ...	cbc	bcc	bc	bccz
	Mildenhall ...	cbybcy	bcybbcy	bcybczw	bczw
	Cranwell ...	bbcc	cbczc	czbbc	bczc
3	Birmingham ...	bc	bc	bc	bcc
4	Upper Heyford	bczz	bcczy	cyzbcw	bcfcw
	Ross-on-Wye	bc	cybcy	bccb	bwcbc
5	Portland Bill ...	b	bcc	bc	bcc
	Plymouth ...	bbc@	bccbc@	bc@	bc
	The Lizard ...	bfcbc	bc	bcw	bccw
	Scilly (St. Mary's)	bffbc	bc	bcbw	bccw
	Guernsey ...	bcb	bbc	bcwm	bcwmc
6	Pembroke ...	cmc	c	bcw	cbcw
7	Holyhead ...	prbcc	cmbc	bcw	bcwcm
	Chester (Sealand)	bccbc	bccbcc	cbc	bcbwc
8	Manchester ...	bczbc	bcybc	bcbcm	bcwcm
10	Spurn Head ...	c	cbcc	c	c
	Catterick ...	bcmcy	cybcy	cbcbw	bccw
	Tynemouth ...	bcc	cpc	c	bcc
11	Inchkeith ...	c	c	cbc	bcc
12	Leuchars ...	cprbc	bcycy	cbcbw	bcwcm
	Renfrew (Abbots I.)	c	cbc	bc	bcc
	Eskdalemuir ...	bc	bccbcc	cof	ofc
	Point of Ayre ...	cbcc	cbcc	cbc	c
13A	Tiree ...	idbc	cbc	bcc	cbc
13B	Stornoway ...	cprirbc	bcc	cirpr	cir
15	Dalwhinnie ...	c	c		c
	Aberdeen ...	cbczo	bcczo	czbc	bcwc
	Wick ...	cm	bc	bcc	c
16	Lerwick ...	cpr	cm	c	c
17	Blacksod Point	prbc	bc	bc	prcq
18	Malin Head ...	bcc	c	cbc	bc
	Aldergrove ...	bcy	bcyc	c	cwc
19	Birr Castle ...	bbcc	cy	c	c
20	Valentia Obsy. †	bcc	cbcc	eprbc	bcprbc
	Roches Point	bc	bcc	cbcw	bcw

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

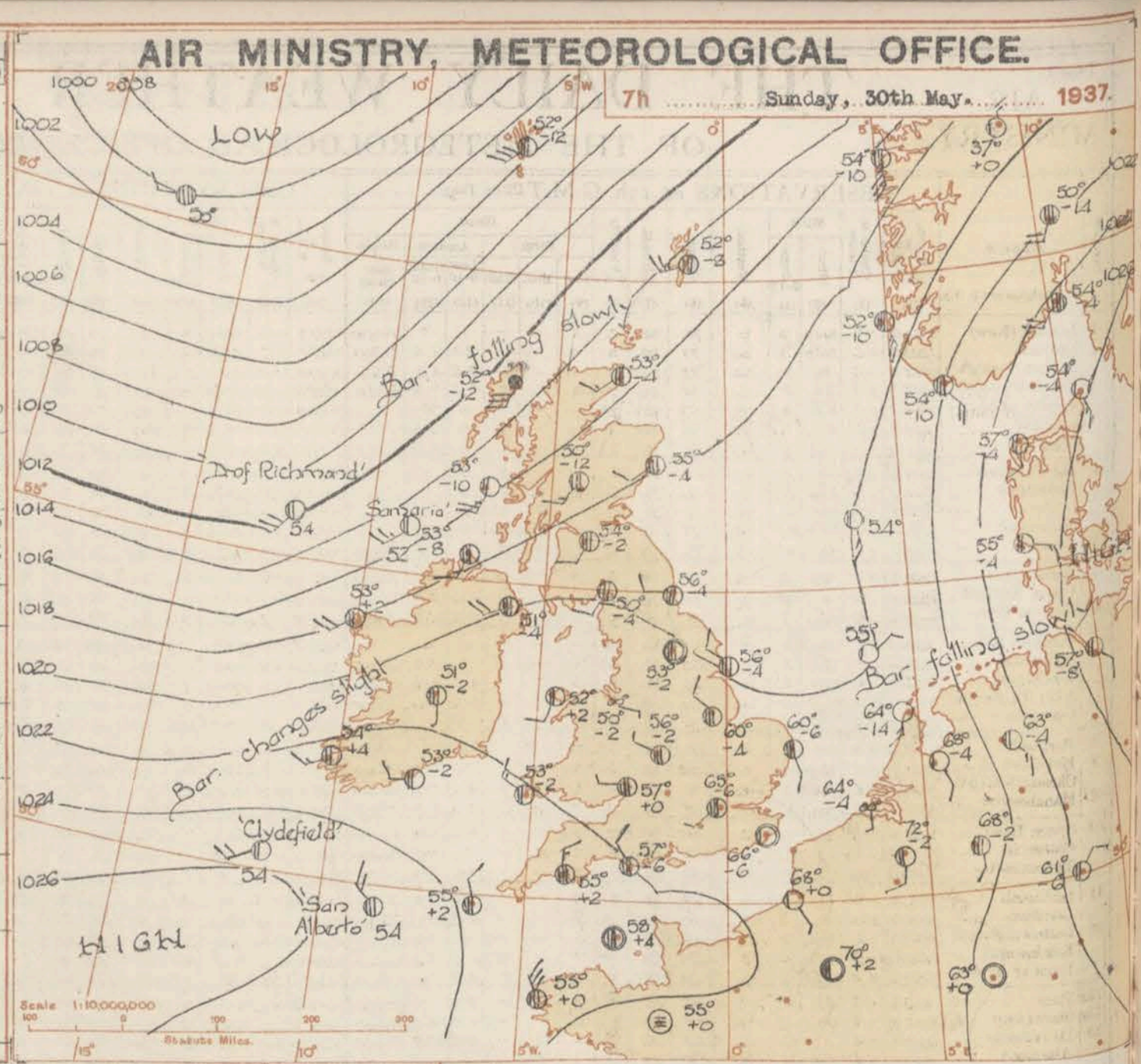
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for Saturday, 29th May, 1937.

Districts	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	b	b	52	81	–	–	9.2	14.6
	Bournemouth	b	b	52	71	–	–	11 See	11.7
	Ventnor ...	bz	bz	56	66	–	–	10.7	13.0
	Southsea ...	b	b	57	71	–	–	10.2	12.6
	Bognor Regis	b	b	57	65	–	–	9.5	13.0
	Littlehampton	bbc	bc	56	67	–	–	10.1	13.5
	Worthing ...	b	b	56	67	–	–	10.0	13.3
	Brighton ...	b	b	57	68	–	–	9.5	13.0
	Eastbourne† ...	b	b	54	67	–	–	9.5	13.6
	Hastings† ...	bcb	b	56	73	–	–	8.5	14.2
	Folkestone ...	czb	b	55	71	–	–	9.2	11.8
	Dover ...	mbc	bcby	55	65	–	–	11.3	11.8
	Deal	bcb	b	54	68	–	–	9.5	13.5
	Ramsgate ...	b	b	55	64	–	–	11.0	14.0
	Margate ...	bc	bc	55	65	–	–	11.4	14.2
2	Southend ...	b	b	57	73	–	–	9.2	13.8
	Maldon ...	b	b	54	70	–	–	10.5	13.2
	Clacton-on-Sea	bcz	bc	56	63	–	–	10.5	13.5
	Dovercourt ...	bc	bc	55	65	–	–	11.7	13.8
	Lowestoft ...	b	b	52	61	–	–	9.3	13.0
	Skegness ...	zb	bz	54	64	–	–	10.4	12.6
	Mablethorpe...	bbc	bc	51	62	–	–	11.0	12.7
	Cleethorpes ...	bc	bc	51	65	–	–	10.5	11.0
3	Leamington S.	b	bc	54	78	–	–	10.4	10.5
4	Cheltenham†	bcqb	bbcy	55	75	–	–	11.3	12.8
5	Bath	bbc	bbc	54	78	–	–	11.5	9.5
	Weymouth ...	b	b	55	65	–	–	11.7	11.5
	Jersey ...	b	b	59	77	–	–	11.2	13.3
	Torquay ...	wbz	bbcz	53	67	–	–	12.3	12.4
	Penzance ...	bcb	b	53	68	–	–	8.5	11.4
	St. Ives ...	c	b	55	60	–	–	6.1	11.0
	Bude... ...	bcco	c	56	60	–	–	4.2	12.7
	Ilfracombe ...	cbcc	bcc	53	73	–	–	5.5	12.6
6	Aberystwyth	cbcc	cbc	57	70	–	–	4.2	8.2
7	Llandudno ...	bc	bcc	55	71	–	–	4.8	3.3
	Colwyn Bay...	cbc	bcc	57	71	–	–	4.8	5.2
	Rhyl	cbc	cbcc	55	73	–	–	4.6	5.8
8	Wallasey ...	bc	bcc	57	75	–	–	7.5	7.5
	Southport ...	bc	bc	55	70	–	–	7.5	1.5
	Blackpool ...	cbc	bcc	56	73	–	–	7.5	3.0
	Morecambe ...	bbc	bbcc	52	73	–	–	10.5	5.5
9	Ilkley... ...	b	bc	53	76	–	–	8.5	6.5
	Harrogate ...	b	bbcc	54	75	–	–	7.5	5.1
10	Berwick-on-T.	cb	c	45	71	–	–	6.8	4.2
11	Dunbar ...	bc	bc	51	74	–	–	6.2	2.3
12	Troon... ...	cbcb	cbc	56	61	–	–	3.6	0.5
	Douglas ...	oFd.	cbz	52	55	–	Trace	3.0	0.5

† 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. 30th May, 1937.
1 S.E. England	Light variable wind, becoming westerly; fine; very warm to-day; cooler tomorrow.
2 E. England ...	Wind westerly, light to moderate; fine; becoming cooler.
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light northwest winds; fine; rather warm.
6 South Wales ...	
7 North Wales ...	Winds westerly, slowly freshening; fair with more cloud than of late; average temperature in the West, to rather warm in the East.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind southwest, veering later, moderate to fresh, strong at times on the northwest seaboard; variable sky; occasional showers especially near west coasts; average temperature.
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	Wind west, moderate; mainly fine; average temperature.
20 S. W. Ireland	

GENERAL INFERENCE

A belt of high pressure extends from Mid-Atlantic to the Baltic; but will decrease in intensity to eastward of the British Isles with the eastward movement of a depression off Southeast Iceland. Weather will continue fine over a large part of the British Isles, apart from rather showery conditions in the Northwest and North, but will become generally cooler.

FURTHER OUTLOOK.

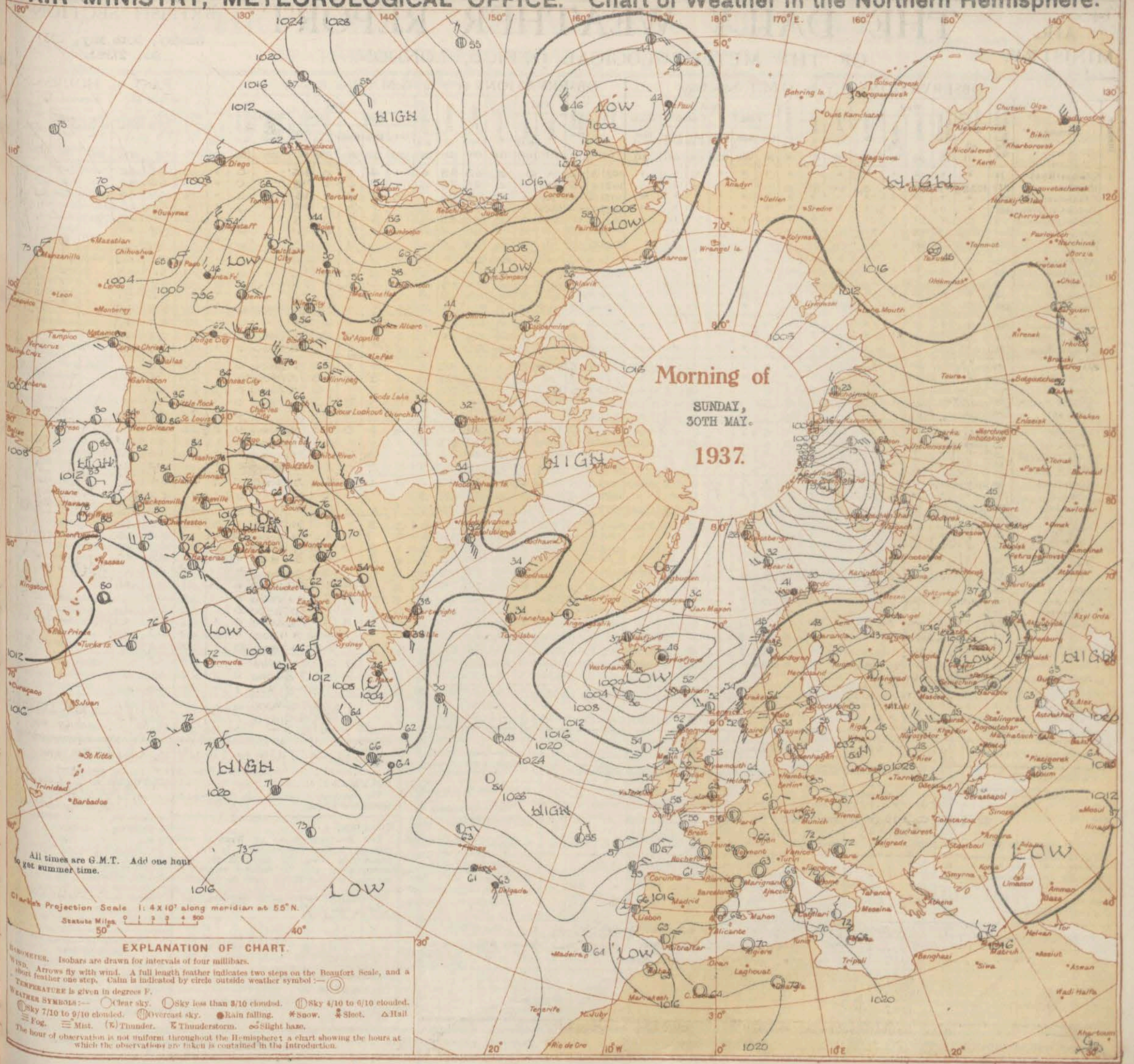
Fair weather in the Southwest and South for a few days.

Forecasts issued at 1100 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.



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 30th May, 1937.
No. 27583.

OBSERVATIONS at 1 hr. G.M.T. 30th May

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1022·8	−2	SW	1	Z_o	60	85	6	-	-	1	0	1	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1022·6	−8	SE	1	Z_o	61	75	6	-	7	2	0	4·6	-
	Manston ...	142	1021·8	−14	SE	1	bc	60	75	7	-	7	8	0	4·6	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1022·1	−8	SE'S	2	c	56	85	7	-	7	-	0	7·8	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1023·1	+4	E	2	bc	55	92	7	4	-	-	2·3	2·3	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1023·5	−2	NW	2	bc	49	97	8	7	-	-	2·3	2·3	4000
	Scilly (St. Mary's)	163	1024·3	−6	NNW	2	bc	52	92	8	5	-	4	Tr	4·6	4000
	Guernsey ..	175	1023·0	0	WNW	1	m	57	97	4	-	3	-	0	2·3	-
6	Pembroke ...	142	1022·5	−2	W	2	bc	52	97	7	5	7	-	1	4·6	4000
7	Holyhead ...	26	1021·8	−4	SW'S	3	bc	53	92	8	5	-	-	4·6	4·6	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1021·4	−4	-	0	bc	58	85	6	2	1	-	1	4·6	4000
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1020·5	+6	W	1	c	58	85	7	5	-	-	7·8	7·8	1500
11	Inchkeith ...	190	1019·5	+4	SW	2	bc	54	97	8	5	4	-	2·3	4·6	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1021·2	+6	W'S	2	bc	52	92	8	4	6	2	2·3	4·6	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1014·8	+4	SSW	6	pr.	51	92	7	5	7	-	7·8	9+	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1016·6	+2	WSW	2	c	53	85	8	5	7	-	4·6	7·8	1500
16	Lerwick ...	156	1016·4	−4	W	1	c	49	97	7	8	7	-	7·8	9+	1500
17	Blacksod Point	18	1019·2	−4	SW	4	bc	52	85	8	4	-	-	4·6	4·6	1500
18	Malin Head ...	84	1018·8	−2	SW	2	c	51	92	7	4	7	-	2·3	7·8	4000
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1023·0	0	S	2	bc	53	97	8	4	-	-	2·3	2·3	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 30th May

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)	Sun. 0–9 * (30)
1	London (Kew)	1021·3	−2	-	0	Z_o	63	85	6	-	4	2	0	4·6	-	0	*
	Croydon ...	1021·1	−6	SW	1	c	65	75	6	-	3	6	0	7·8	-	0	*
	S. Farnborough	1021·4	−2	W	1	bc	59	92	7	-	8	9	0	4·6	-	0	*
	Boscombe Down	1022·0	+4	NWW	2	c	53	85	8	-	7	9	0	7·8	-	0	*
	Calshot (Sthmtn.)	1021·7	0	NW	2	Z_o	59	85	6	-	3	4	0	7·8	-	1	0
	Lympne ...	1021·4	−6	-	0	b	66	65	6	-	-	3	0	Tr	-	0	1
	Manston ...	1021·2	−2	-	0	Z_o	64	75	5	-	-	1	0	2·3	-	0	*
2	Shoeburyness ...	1021·3	−6	W'S	1	bc	65	75	5	-	-	9	0	4·6	-	0	*
	Felixstowe ...	1021·1	−8	-	0	Z_o	62	85	6	-	4	2	0	4·6	-	0	1
	Gorleston ...	1020·6	−6	SE'S	2	c	60	85	6	-	4	8	0	7·8	-	0	2
	Mildenhall ...	1020·0	−4	SW	2	Z_o	63	85	6	-	-	6	0	7·8	-	0	*
	Cranwell ...	1020·5	−4	NW	2	c	60	65	6	5	3	-	7·8	9+	4000	0	*
3	Birmingham ...	1021·0	−2	WNW	1	c	56	65	7	-	7	-	0	9+	-	0	*
	Upper Heyford	1021·6	−2	NW	3	if	58	75	7	5	3	6	9	9+	1500	0	*
4	Ross-on-Wye	1021·4	0	W	1	c	57	75	7	5	-	2	1	7·8	2500	0	*
5	Portland Bill ...	1022·0	−6	NNW	2	c	57	85	7	4	4	-	4·6	9	2500	0	2
	Plymouth ...	1022·6	+2	N	3	c	55	85	8	5	3	8	2·3	7·8	1500	0	1
	The Lizard ...	1023·4	0	NW	3	c	54	97	8	8	7	-	4·6	7·8	2500	0	2
	Scilly (St. Mary's)	1023·9	+2	NNW	2	c	55	92	8	5	3	3	2·3	7·8	2500	0	1
	Guernsey ..	1022·2	+4	-	0	f_s	58	92	6	-	5	8	0	9	-	0	1
6	Pembroke ...	1022·0	−2	WNW	3	bc	53	92	7	5	6	9	2·3	4·6	4000	0	2
7	Holyhead ...	1021·4	+2	SSW	2	bc	52	97	6	1	-	-	4·6	4·6	4000	0	1
	Chester (Sealand)	1021·3	−2	ESE	1	Z_o	50	92	6	-	3	7	0	9+	-	1	*
8	Manchester ...	1021·6	0	W'N	1	Z_o	52	92	5	5	7	-	2·3	10	4000	0	*
10	Spurn Head ...	1019·8	−4	NWW	2	c	56	85	7	5	1	1	4·6	9	4000	0	1
	Catterick ...	1020·2	−2	-	0	c	53	85	8	-	7	-	0	9+	-	0	*
	Tynemouth ...	1019·7	−4	W	2	c	56	65	7	5	1	-	4·6	9	1500	0	1
11	Inchkeith ...	1018·8	−4	SW	3	c	51	92	8	5	8	-	4·6	9+	2500	0	2
	Leuchars ...	1018·4	−4	SW	2	c	53	85	6	5	7	1	4·6	9+	4000	0	*
12	Renfrew (Abbots I.)	1018·7	−2	SSW	2	c	54	75	8	1	3	8	Tr	9	4000	0	*
	Eskdalemuir ...	1019·9	−4	SW	3	c	50	92	7	5	3	-	4·6	9	800	1	*
	Point of Ayre...	1020·7	−2	W	2	c	57	75	8	5	-	-	9+	9+	4000	0	1
13A	Tiree	1015·9	−10	SW'S	5	bc	53	75	8	8	4	4	2·3	4·6	1500	0	3
13B	Stornoway ...	1013·1	−12	SSW	6	r_o	52	85	8	8	7	4	7·8	9+	1500	1	4
15	Dalwhinnie ...	1017·4	−12	SW	3	c	50	85	7	5	6	-	7·8	10	2500	0	*
	Aberdeen ...	1017·7	−4	SWW	2	c	55	75	8	5	7	8	1	7·8	4000	0	1
	Wick ...	1015·4	−8	SW	3	c	53	85	8	5	1	1	4·6	9	1500	1	2
16	Lerwick ...	1014·4	−8	WSW	5	c	52	85	8	8	7	-	7·8	9+	1500	0	*
17	Blacksod Point	1018·6	+2	SW	4	bc	53	75	8	3	4	4	2·3	4·6	1500	1	3
18	Malin Head ...	1017·6	−8	SSW	3	c	53	85	8	5	1	-	4·6	7·8	4000	0	2
	Aldergrove ...	1020·0	−4	SWW	4	c	51	85	8	5	3	1	7·8	7·8	800	1	*
19	Birr Castle ...	1021·4	−2	S	1	c	51	92	8	5	-	-	7·8	7·8	4000	0	*
20	Valentia Obsy. †	1022·8	+4	SWW	3	bc	54	85	8	8	-	-	4·6	4·6	1500	1	2
	Roches Point	1023·1	−2	W	2	bc	53	92	8	-	4	-	0	2·3	-	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 24h Hrs. (36)
1	London (Kew)	80	56	46	-	-	10·9
	Croydon ...	79	56	50	-	-	12·1
	S. Farnborough	78	49	44	-	Tr	10·0
	Boscombe Down	75	51	45	-	-	11·8
	Calshot (Sthmtn.)	65	51	49	-	-	11·7
	Lympne ...	76	58	47	-	-	11·8
	Manston ...	73	54	45	-	-	12·7
2	Shoeburyness ...	67	52	45	-	-	11·2
	Felixstowe ...	64	51	46	-	-	12·9
	Gorleston ...	59	55	53	-	-	12·9
	Mildenhall ...	75	56	51	-	Tr	11·8
	Cranwell ...	75	55	49	-	-	12·9
3	Birmingham ...	77	54	43	-	-	11·3
	Upper Heyford	77	52	47	-	-	*
4	Ross-on-Wye	77	53	49	-	-	11·2
5	Portland Bill ...	62	53	*	-	-	*
	Plymouth ...	67	52	49	-	-	13·6
	The Lizard ...	64	48	*	-	-	*
	Scilly (St. Mary's)	63	51	*	-	-	8·4
	Guernsey ..	74	56	54	-	-	13·4
6	Pembroke ...	60	51	*	-	Tr	5·2
7	Holyhead ...	61	51	49	Tr	-	6·2
	Chester (Sealand)	75	43	42	-	-	6·8
8	Manchester ...	76	42	39	-	-	9·2
10	Spurn Head ...	60	54	*	-	-	10·4
	Catterick ...	77	47	42	-	-	7·1
	Tynemouth ...	60	53	46	Tr	-	5·2
11	Inchkeith ...	68	49	46	-	-	8·0
	Leuchars ...	71	48	45	Tr	-	8·1
12	Renfrew (Abbots I.)	68	49	46	-	-	5·1
	Eskdalemuir ...	66	45	41	-	-	6·9
	Point of Ayre...	70	50	*	-	-	10·5
13A	Tiree	61	50	48	Tr	-	6·4
13B	Stornoway ...	59	49	*	0·4	1	2·9
15	Dalwhinnie ...	64	45	40	-	-	7·3
	Aberdeen ...	64	50	43	-	-	5·0
	Wick ...	67	49	*	-	-	*
16	Lerwick ...	54	48	*	Tr	-	1·5
17	Blacksod Point	58	47	*	2	1	*
18	Malin Head ...	62	49	*	-	-	5·8
	Aldergrove ...	66	45	41	-	-	6·5
19	Birr Castle ...	64	45	37	-	-	9·6
20	Valentia Obsy. †	61	50	45	-	Tr	11·3
	Roches Point	61	50	*	-	Tr	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon (24 hrs. ended 9h.)	Weather Night (24 hrs. ended 9h.)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h. (To-day)
Kew	18	$c_z$by	byby	bcyc	80	56	46	-	-	10·9	*	*	7
Croydon	217	c@by	bcy	bcycbm	79	56	50	-	-	12·1	*	*	6
Greenwich (Royal Observatory)	149	by	by	cbwbcy	82	53	39	-	Tr	11·2	42	56	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	10·9	*	*	*
Westminster (St. James' Park)	27	*	*	*	80	65	52	-	-	11·0	34	61	*
Kew Pk. (Botanic Gardens) ‡	165	*	*	*	81	59	50	-	-	10·7	[illegible]	63	*
Camden Square	110	b	b	*	84	60	54	-	-	*	*	59	*
Kensington	80	bcy	bcy	*	79	58	49	-	-	11·0	43	65	*
Hampstead Observatory	450	bc	bc	b	78	57	40	-	-	10·6	*	68	*

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 whole period.			

Kew Observatory Max.	Time.	Min.	Time.
0·1	8h 29th	<0·1	12.20h 29th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 29th May Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 30th May 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	1021·1	E	1	bc	81	1021·4	-	0	bc	70	81	59	-	-
Brussels	1022·9	E	2	b	75	1021·5	S	2	bc	72	79	63	-	-
Berlin	1027·1	NE	3	bc	63	1028·6	SE	3	b	57	68	48	-	-
Zürich	1022·8	NNE	2	b	73	1023·6	S	1	b	61	82	54	-	-
Rome	1018·7	WNW	2	c	72	1020·1	ENE	2	Z_o	70	*	*	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 3, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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, 31st May, 1937.
No. 27584.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1019·8	-6	W	3	c	72	65	7	7	-	-	4-6	10	4000
	Croydon ...	1019·7	-10	W	3	c	75	55	8	1	-	7	4-6	10	5700
	S. Farnborough	1019·5	-6	W	3	c	72	55	7	1	3	6	Tr	9	4000
	Boscombe Down	1021·2	-6	NW	3	c	65	45	8	-	-	7	0	9+	-
	Calshot (Sthmtn.)	1020·8	-2	SSW	1	c	67	75	7	7	3	8	4-6	9+	5700
	Lympne ...	1020·3	-8	S	2	bc	73	55	6	5	9	8	2-3	4-6	7200
	Manston ...	1019·3	-10	E'S	3	z.	74	65	6	1	7	8	1	4-6	4000
2	Shoeburyness ...	1019·3	-16	SSE	2	c	75	65	6	2	-	-	7-8	7-8	4000
	Felixstowe ...	1019·4	-10	S'E	3	z.	70	65	6	5	1	-	4-6	7-8	4000
	Gorleston ...	1019·1	-4	N'E	4	z.	62	75	5	8	-	-	10	10	2500
	Mildenhall ...	1019·1	-6	W	3	c	74	65	7	1	-	7	1	10	5700
	Cranwell ...	1019·3	-10	SW	3	c	68	45	6	5	7	6	4-6	9	4000
3	Birmingham ...	1019·9	-6	W	3	c	66	55	7	7	-	8	2-3	7-8	2500
	Upper Heyford	1020·6	-2	WNW	3	c	69	45	8	1	7	-	1	9	2500
4	Ross-on-Wye	1020·1	-10	SW	2	b	67	55	8	1	-	7	1	1	4000
5	Portland Bill ...	1021·1	-4	NW	3	c	60	85	7	4	-	-	10	10	2500
	Plymouth ...	1022·1	-4	NWN	3	c	61	65	8	1	1	8	Tr	9+	2500
	The Lizard ...	1023·0	-4	NWW	3	c	60	75	8	7	7	9	4-6	7-8	4000
	Scilly (St. Mary's)	1024·1	-4	NW	3	c	60	75	8	2	-	9	2-3	7-8	2500
	Guernsey ...	1022·1	-2	N'W	3	c	60	75	8	5	1	8	2-3	10	4000
6	Pembroke ...	1022·5	0	WNW	3	q	56	75	7	5	7	9	1	4-6	1500
7	Holyhead ...	1021·1	-4	SWS	3	bc	60	65	8	7	6	-	2-3	2-3	4000
	Chester (Sealand)	1020·7	-4	W'N	4	bc	60	55	8	7	7	-	4-6	4-6	4000
8	Manchester ...	1020·2	-8	W'N	2	bc	64	55	8	7	3	1	2-3	4-6	4000
10	Spurn Head ...	1019·4	-4	-	0	c	66	65	6	-	3	2	0	7-8	-
	Catterick ...	1018·6	-10	WSW	3	bc	66	55	8	1	-	-	4-6	4-6	4000
	Tynemouth ...	1018·4	-12	W	2	bc	65	45	7	2	-	-	2-3	2-3	2500
11	Inchkeith ...	1017·2	-14	SW	5	c	57	75	8	8	-	-	7-8	7-8	4000
	Leuchars ...	1016·6	-10	WSW	4	bc	60	55	8	8	-	-	4-6	4-6	2500
12	Renfrew (Abbotsl.)	1017·1	-8	SW	5	bc/jp	58	65	9	8	6	-	4-6	7-8	2500
	Eskdalemuir ...	1017·7	-8	SW	5	c/pr	57	45	8	8	-	-	4-6	4-6	2500
	Point of Ayre...	1020·0	-2	W	5	bc	64	55	8	2	6	-	1	2-3	4000
13A	Tiree	1015·3	-2	SW'W	6	bc	55	75	8	8	-	-	4-6	4-6	1500
13B	Stornoway ...	1010·6	-10	SSW	7	c/pr	53	75	8	5	7	3	4-6	7-8	1500
15	Dalwhinnie ...	1015·4	-12	SW	5	bc	53	65	8	4	6	-	2-3	4-6	4000
	Aberdeen ...	1014·5	-18	SSW	5	bc	63	45	8	7	-	9	4-6	4-6	4000
	Wick ...	1012·6	-28	WSW	4	c	59	65	8	5	7	8	4-6	9+	1500
16	Lerwick ...	1012·6	-12	SW	4	bc	53	85	8	8	9	4	4-6	4-6	1500
17	Blacksod Point	1019·5	+2	W	5	c	56	65	8	9	-	-	7-8	7-8	1500
18	Malin Head ...	1017·4	-4	W	4	c	56	75	8	4	8	-	2-3	7-8	4000
	Aldergrove ...	1018·8	-8	WSW	4	c	59	55	9	8	-	-	9	9	2500
19	Birr Castle ...	1021·0	-4	W	1	c	58	65	8	8	-	-	7-8	7-8	2500
20	Valentia Obsy. †	1023·9	+2	W	4	bc	57	65	8	8	-	-	4-6	4-6	2500
	Roches Point	1022·4	-6	W'N	2	bc	59	65	9	2	-	-	4-6	4-6	2500

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1019·0	-2	WNW	2	c	71	45	8	7	3	8	2-3	9+	4000	0	*
	Croydon ...	1019·1	-2	WNW	3	c	71	55	8	-	7	8	0	9+	-	0	*
	S. Farnborough	1019·3	0	NW'W	3	c	70	45	8	-	4	2	0	7-8	-	0	*
	Boscombe Down	1020·1	0	WNW	2	bc	64	65	7	-	-	9	0	4-6	-	0	*
	Calshot (Sthmtn.)	1019·7	-6	NW'W	3	c	68	55	7	-	-	8	0	7-8	-	0	1
	Lympne ...	1019·1	-6	SW'W	1	c	72	75	7	5	7	8	4-6	9+	7200	0	0
	Manston ...	1018·4	-2	NW'N	2	c	72	65	7	-	7	1	0	9	-	0	*
2	Shoeburyness ...	1018·7	-6	NW	1	c	71	75	6	2	1	8	2-3	10	4000	0	*
	Felixstowe ...	1018·8	-4	WNW	1	z.	71	65	6	5	2	-	4-6	10	2500	0	1
	Gorleston ...	1018·9	-4	-	0	c	60	75	6	5	-	-	10	10	2500	0	1
	Mildenhall ...	1018·5	-6	W	2	c	68	65	8	-	9	7	0	10	-	0	*
	Cranwell ...	1018·4	-4	W	3	c	69	45	7	7	3	1	4-6	7-8	4000	0	*
3	Birmingham ...	1019·7	0	NW	3	bc	66	45	8	1	-	1	Tr	2-3	2500	0	*
	Upper Heyford	1019·7	-4	W	2	c	66	65	8	7	7	8	1	7-8	2500	0	*
4	Ross-on-Wye	1019·9	+6	NW	3	c	64	45	8	1	4	2	Tr	7-8	4000	0	*
5	Portland Bill ...	1021·1	0	NW	2	c	58	85	8	4	4	-	2-3	7-8	2500	0	2
	Plymouth ...	1022·1	+2	N'W	3	c	59	65	8	1	3	8	Tr	7-8	2500	0	2
	The Lizard ...	1023·1	0	NWN	4	c	57	75	8	7	7	9	4-6	7-8	4000	0	2
	Scilly (St. Mary's)	1023·9	0	NWN	3	bc	58	75	8	2	-	9	2-3	4-6	2500	0	2
	Guernsey ...	1021·5	0	NW	3	c	59	85	8	-	1	8	0	10	-	0	1
6	Pembroke ...	1021·4	-6	W'N	3	bc	56	85	8	-	7	1	0	4-6	-	0	1
7	Holyhead ...	1020·5	-4	SW	3	bc	56	75	9	8	4	-	2-3	2-3	4000	0	2
	Chester (Sealand)	1020·4	-4	NW	4	b	60	55	8	7	-	-	1	1	4000	0	*
8	Manchester ...	1020·2	+2	NW	3	b	60	55	8	-	4	-	0	Tr	-	0	*
10	Spurn Head ...	1018·6	0	ESE	3	c	57	85	6	-	3	8	0	4-6	-	0	2
	Catterick ...	1018·4	-2	WSW	4	b	61	55	9	1	-	-	1	1	4000	0	*
	Tynemouth ...	1017·1	-4	W	2	bc	63	45	7	2	-	-	2-3	2-3	1500	0	1
11	Inchkeith ...	1016·4	-4	SW	5	c	56	75	8	8	-	-	9	9	4000	0	3
	Leuchars ...	1015·5	-4	WSW	4	bc	58	55	9	7	-	-	4-6	4-6	2500	0	*
12	Renfrew (Abbotsl.)	1016·8	-4	W'S	5	bc	58	65	9	8	6	-	2-3	2-3	4000	0	*
	Eskdalemuir ...	1017·5	-2	SW	3	jp	53	75	8	9	-	1	7-8	7-8	2500	1	*
	Point of Ayre...	1019·1	-4	W'S	4	c	60	55	8	7	-	-	7-8	7-8	4000	0	3
13A	Tiree	1015·0	0	WSW	5	pr	54	75	8	8	6	9	7-8	7-8	1500	0	4
13B	Stornoway ...	1008·8	-4	SW	6	ir.	52	85	7	8	7	-	7-8	9+	1500	1	4
15	Dalwhinnie ...	1014·9	0	SW	4	c	51	75	7	3	6	-	4-6	7-8	2500	1	5
	Aberdeen ...	1013·4	-8	WSW	4	bc	62	45	8	1	-	-	2-3	2-3	4000	0	1
	Wick ...	1011·1	-8	SW	3	bc	60	65	8	5	7	1	2-3	4-6	1500	1	1
16	Lerwick ...	1010·4	-8	SW	5	c	50	92	8	8	7	-	7-8	9	1500	0	*
17	Blacksod Point	1019·9	+2	W	5	c	54	75	8	9	-	-	9+	9+	1500	0	3
18	Malin Head ...	1017·8	+4	WSW	4	jp	54	85	7	9	-	-	7-8	7-8	2500	0	2
	Aldergrove ...	1018·5	0	W	4	c	59	65	9	8	-	-	7-8	7-8	2500	1	*
19	Birr Castle ...	1021·2	+4	W'N	2	c	57	65	8	8	-	-	7-8	7-8	2500	0	*
20	Valentia Obsy. †	1023·8	-2	W'S	4	c/pr	54	75	8	8	-	-	7-8	7-8	2500	0	2
	Roches Point	1022·3	+2	WNW	3	bc	59	65	9	7	-	1	4-6	4-6	2500	0	2

PAST 24 HOURS.

District	Stations.	Weather 7h.—13h. 30th. (37)	Weather 13h.—18h. 30th. (38)	Weather 18h.–0h. 1h. 31st. (39)	Weather 0h.–7h. 31st. (40)
1	London (Kew)	bcwc	cy	cyc	cb
	Croydon ...	bcz.cy⊕	cy⊕	cbcw	bcwbc
	S. Farnborough	bcc	cy	cybcw	bcw
	Boscombe Down	cy	cybc	bcc	bc
	Calshot (Sthmtn.)	bcm.cbc	cy	cybc	bc
	Lympne ...	bbcz.y	bcyz.c	bcm.	bcm.c
	Manston ...	bcz.y	cyc	cm.	cm.
2	Shoeburyness ...	cbcz.	bccm.z	cz.bc	cbc
	Felixstowe ...	bcm.cm.	cm.	cm.bcm.	bcm.bc
	Gorleston ...	cz.z.	cz.	cbcz.	cbc
	Mildenhall ...	cbzc	cyc	ebcz.	bcz.w
	Cranwell ...	cz.y	cz.ybcy	bccbc	bcm.wcm
3	Birmingham ...	cbc	bcb	bcb	b
	Upper Heyford	cz.cy	cy	cbc	bcm.bcw
4	Ross-on-Wye	cbcc	cybcy	bcvb	bwbcb
5	Portland Bill ...	c	c	c	cbc
	Plymouth ...	bcc⊕	cybc⊕	bcc	cbc
	The Lizard ...	cbcc	cbcc	cbcw	bcw
	Scilly (St. Mary's)	c	cbc	bccbc	bc
	Guernsey ...	c	cbcc	c	cbc
6	Pembroke ...	bcq	bcbbc	bcw	cbc
7	Holyhead ...	bcm.b	bbc	bcb	b
	Chester (Sealand)	cm.bc	bcy	bbcy	bcw
8	Manchester ...	cbcm.bc	bcby	byb	bwcm.
10	Spurn Head ...	c	c	cbc	bc
	Catterick ...	cwbcy	bcby	bybw	bwbcw
	Tynemouth ...	cbc	bc	bc	bc
11	Inchkeith ...	c	c	cbc	bcc
	Leuchars ...	cm.cbc	bcyq	bcyqb	bwbc
12	Renfrew (Abbotsl.)	bcc pr	bcpr.y	bc bbcc	cpr.
	Eskdalemuir ...	cbc pr.y	pr. pr	cprbc	bc
	Point of Ayre...	cbc	bcc	c	bc
13A	Tiree	PRbc	bcpr.	cpR	prbc
13B	Stornoway ...	cpr	cir	cPR	cpr
15	Dalwhinnie ...	cir	cir	*	cIR
	Aberdeen ...	bcy	bcvy	bcybv	bv
	Wick ...	cpr.c	bc	c	c
16	Lerwick ...	cbc	cpr.	crn	c
17	Blacksod Point	pr.cq	pr.c	bc	pr.c
18	Malin Head ...	bcpr.	bcc	cpr.	cpr
	Aldergrove ...	cpr.bc	cybc	cpr.bc	bcc
19	Birr Castle ...	cpr.c	c	cbc	cpr.
20	Valentia Obsy. †	bccbc	bcpr.c	c	c
	Roches Point	cpr.bc	bc	bcbcw	bcwc

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.*

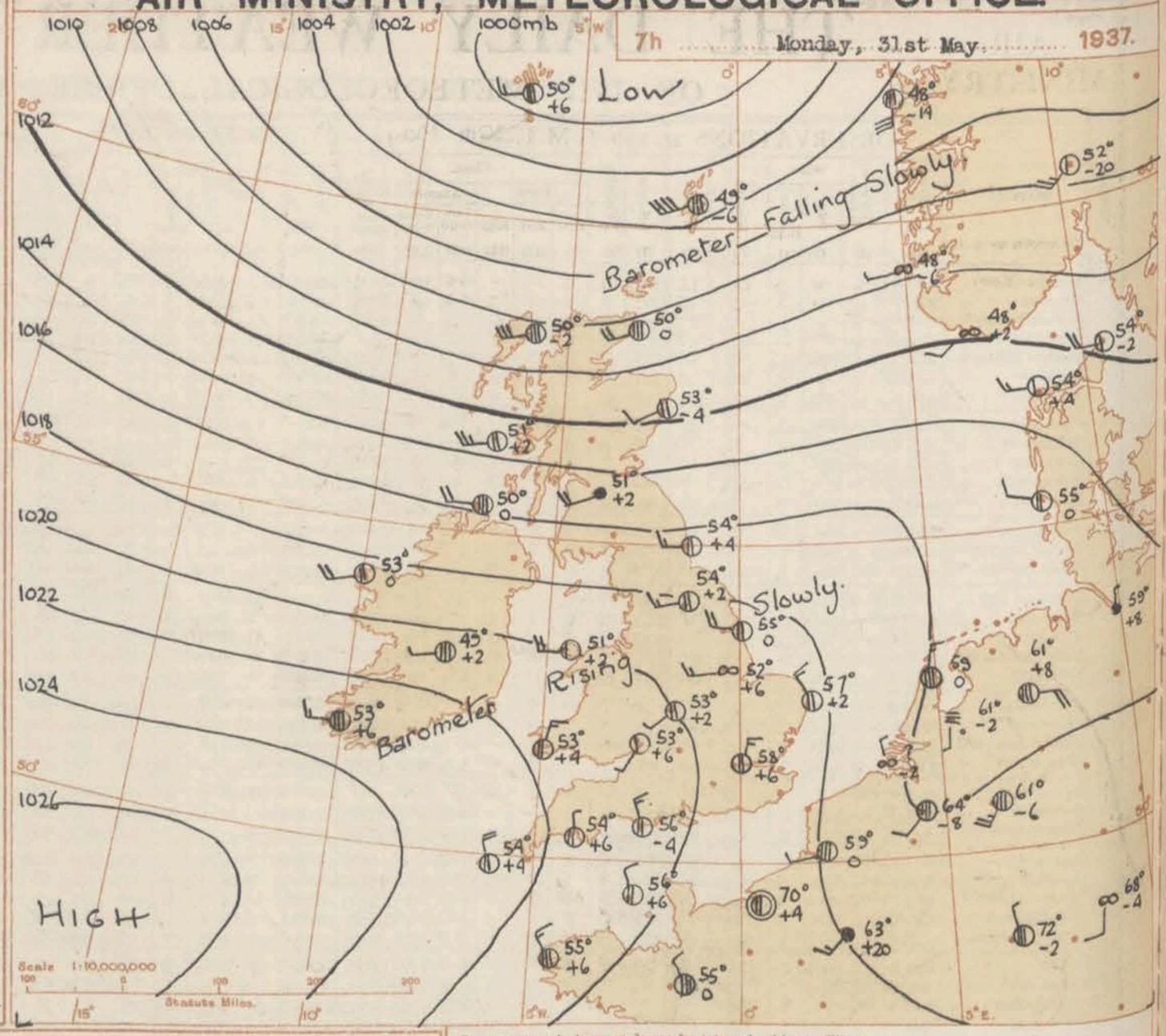
† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 30th May 1937.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. (°F.) Min. 9h. 29th to 9h. 30th	Temperature. (°F.) Max. 9h.—17h. 30th	Rainfall. (mm.) Night. 17h. 29th to 9h. 30th	Rainfall. (mm.) Day. 9h.—17h. 30th	Sunshine. (Hrs.) Sunrise to 17h. 30th	Sunshine. (Hrs.) Sunrise to Sunset. 29th
1	Tunbridge W.	bbc	bcoc	50	79	-	-	7·8	10·6
	Bournemouth	b	b	51	69	-	-	5·8	11·8
	Ventnor ...	bzob	bobc	58	72	-	-	8·9	11·9
	Southsea ...	bbc	cb	55	74	-	-	8·3	10·8
	Bognor Regis	bbc	bccbc	54	69	-	-	8·2	11·1
	Littlehampton	bc	bc	53	*70	-	-	~~7·9~~ 9·3	12·2
	Worthing ...	b	bccbc	55	71	-	-	9·4	11·7
	Brighton ...	b	bcb	55	70	-	-	10·1	11·1
	Eastbourne† ...	boy	beyoyc	55	75	-	-	10·1	10·9
	Hastings† ...	bcbc	cbc	58	73	-	-	9·6	10·7
	Folkestone ...	bzob	bbcoc	55	75	-	-	9·4	10·9
	Dover ...	mbc	bcc	56	73	-	-	10·4	13·0
	Deal	b	bbcc	54	79	-	-	9·4	11·3
	Ramsgate ...	bbc	c	59	74	-	-	8·7	11·9
	Margate ...	bc	cbcc	59	78	-	-	9·0	12·8
2	Southend ...	bbc	bbco	58	80	-	-	8·1	10·7
	Maldon ...	b	bcc	51	*78	-	-	6·6	12·7
	Clacton-on-Sea	bcz	bccz	54	69	-	-	8·7	10·9
	Dovercourt ...	bc	bcz	56	77	-	-	7·5	13·
	Lowestoft ...	b	bbcc	56	77	-	-	8·2	10·6
	Skegness ...	cbcz	bcz	56	64	-	-	5·6	11·1
	Mablethorpe...	cbcm.	bccm.	53	70	-	-	6·3	11·7
	Cleethorpes ...	c	bc	56	71	-	-	6·2	11·2
3	Leamington S.	bbc	bc	53	70	-	-	6·3	11·2
4	Cheltenham†	bcqc	cbcc	54	70	-	-	3·9	11·9
5	Bath	bcb	bbcc	53	66	-	-	7·9	13·2
	Weymouth ...	bcb	cb	51	70	-	-	7·6	13·4
	Jersey ...	bc	bbc	56	77	-	-	8·3	12·7
	Torquay ...	bcc	bcy	53	66	-	-	5·1	14·4
	Penzance ...	bccbc	bbcb	51	64	-	-	10·3	10·8
	St. Ives ...	b	b	52	58	-	-	11·5	7·2
	Bude... ...	bcc	bc	44	*59	-	-	4·9	4·8
	Ilfracombe ...	cbcc	cbc	49	59	-	-	5·7	6·4
6	Aberystwyth	cbc	bcc	50	61	-	-	8·2	4·6
7	Llandudno ...	cp.bc	bcb	50	62	-	Trace	5·9	5·0
	Colwyn Bay...	bccbc	bcb	48	63	-	-	6·6	4·9
	Rhyl	cbc	bcb	48	61	-	-	8·0	4·6
8	Wallasey ...	bcb	b	50	61	-	-	9·1	7·9
	Southport ...	b	bcb	45	63	-	-	8·3	7·9
	Blackpool ...	bbc	bcb	53	60	-	-	8·2	8·0
	Morecambe ...	bbc	b	53	61	-	-	9·7	10·8
9	Ilkley... ...	cbc	b	48	68	-	-	7·7	9·1
	Harrogate ...	bcb	b	50	68	-	-	8·1	7·9
10	Berwick-on-T.	bc	bcr.c	51	64	-	Trace	7·1	8·0
11	Dunbar ...	bc	bc	52	64	-	-	8·9	7·3
12	Troon... ...	bcbc	bcpbc	51	57	-	Trace	6·4	4·0
	Dou[illegible]as ...	cb	bc	50	61	-	-	10·0	4·9

† 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. 31st May, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light northwest winds; mainly fine; rather warm.
4 W. Midlands ... 5 S.W. England 6 South Wales ...	Light northwest winds; fair; rather warm inland.
7 North Wales... 8 N.W. England 9 N. Midlands ... 10 N.E. England	Moderate west winds; fair; average temperature.
11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 A. W. Scotd. B. N.W. Scotland.	Moderate west winds; bright periods; local showers; average temperature.
14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Fresh west winds; bright periods; local showers; average temperature.
17 N. W. Ireland 18 N. E. Ireland	As 11 - 13A.
19 S. E. Ireland 20 S. W. Ireland	Moderate to light west winds; fair; average temperature.

GENERAL INFERENCE.

An anticyclone west of the British Isles is extending slightly eastwards. Weather will be mainly fine in the South and Southeast. In the North apart from some local showers, weather will be fair with average temperature.

FURTHER OUTLOOK.

Little change.

TIME OF ISSUE OF GALE WARNING.

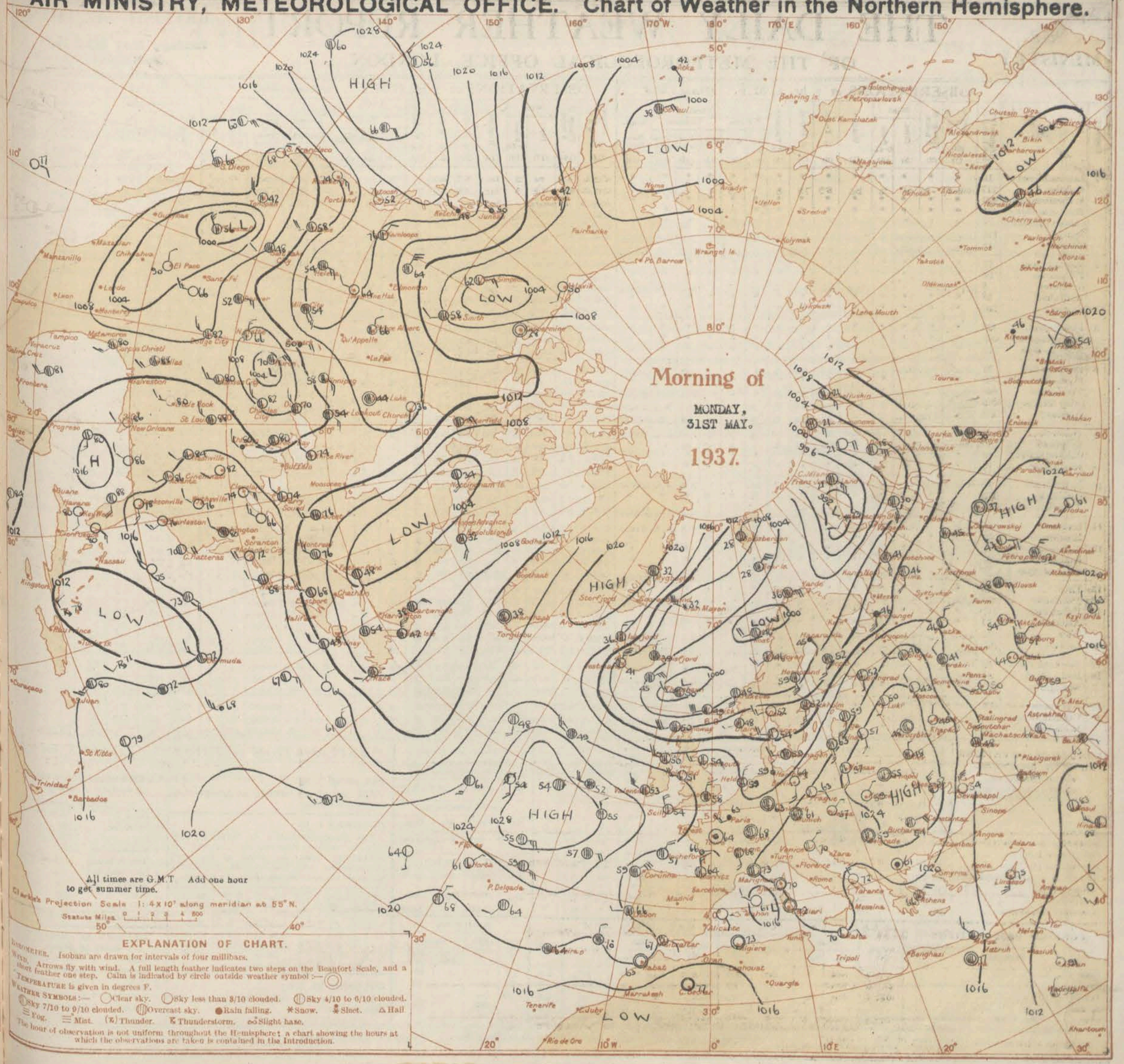
South Cone hoisted at 1430 30/5 in districts 13 and 16.

Forecasts issued at 0940 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.



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 31st May, 1937.
No. 27584.

OBSERVATIONS at 1 hr. G.M.T. May 31st

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1018.5	-6	N	2	bc	59	75	8	-	3	2	0	4.6	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1018.0	-10	NNW	3	c	60	85	6	5	-	-	7.8	7.8	2500
	Manston ...	142	1017.3	-12	NW'N	2	c	57	92	6	5	-	-	7.8	7.8	2,500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1017.5	-6	-	0	bc	56	85	6	5	-	1	4.6	4.6	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1020.1	-8	NNW	3	c	54	85	8	4	-	-	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1022.3	-6	NW	3	bc	47	97	8	7	-	-	2.3	2.3	4000
	Scilly (St. Mary's)	163	1023.0	-6	NW'N	3	bc	51	85	8	2	-	-	2.3	2.3	2500
	Guernsey ..	175	1021.0	-12	NW	2	c	54	85	8	5	1	-	7.8	10	2500
6	Pembroke ...	142	1021.0	-2	N'W	3	bc	51	75	7	5	7	1	2.3	4.6	2500
7	Holyhead ...	26	1019.5	-2	WNW	5	b	52	75	8	-	3	-	0	1	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1018.2	-4	NW	4	bc	53	85	7	5	7	1	2.3	4.6	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1017.4	-6	SW	1	bc	53	75	7	7	-	-	4.6	4.6	2500
11	Inchkeith ...	190	1015.7	-2	SSW	5	bc	50	92	8	5	-	-	2.3	2.3	4000
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1018.5	0	WNW	3	ir.	52	92	8	7	-	-	7.8	7.8	4000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1008.0	-6	SW	5	c	50	75	7	8	7	-	7.8	5+	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1005.7	-6	SW	4	c	48	85	8	3	7	1	4.6	7.8	1500
16	Lerwick ...	156	1006.8	-16	WSW	7	c	49	92	8	8	3	-	7.8	5	800
17	Blacksod Point	18	1019.5	-2	W	4	c	52	75	8	4	-	-	7.8	7.8	1500
18	Malin Head ...	84	1016.8	-6	W	3	bc	50	92	7	2	-	-	4.6	4.6	4000
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1023.3	-2	W	4	c	52	97	8	5	-	-	5+	5+	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. May 31st

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)
London (Kew)	1019.6	+2	N	2	bc	57	65	7	5	-	2	Tr	4.6	4000	0	*
Croydon	1019.4	+6	N'E	3	bc	58	55	7	1	3	1	2.3	4.6	5700	0	*
S. Farnborough	1019.6	x	NW'N	1	bc	56	65	7	5	-	2	Tr	4.6	4000	0	*
Boscombe Down	1020.2	+2	NNW	2	bc	50	75	7	-	-	1	0	4.6	-	0	*
Calshot (Sthmtn.)	1019.5	+2	NNW	3	bc	56	75	7	-	-	4	0	4.6	-	0	2
Lympne	1018.3	+2	N'E	4	c	56	75	8	-	3	2	0	5	-	0	1
Manston	1018.1	+6	N'E	4	c	57	65	8	5	7	1	2.3	5	4000	0	*
Shoeburyness	1018.5	+8	N'W	3	bc	59	65	8	1	7	2	1	4.6	5700	0	*
Felixstowe	1018.5	+6	NNW	3	bc	57	65	7	5	4	3	2.3	4.6	4000	0	2
Gorleston	1018.3	+2	NW'N	3	bc	57	65	7	-	4	2	0	4.6	-	0	2
Mildenhall	1018.9	+4	NW'W	2	z.	55	75	6	-	-	5	0	2.3	-	0	*
Cranwell	1019.5	+6	W'S	3	z.	52	75	6	5	4	-	7.8	7.8	4000	0	*
Birmingham	1020.1	+2	NW	2	b	53	75	6	-	-	-	0	0	-	0	*
Upper Heyford	1020.3	-2	NNW	3	bc	53	75	7	-	7	2	0	2.3	-	0	*
Ross-on-Wye	1020.4	+6	SW'W	1	b	53	75	8	1	-	1	Tr	1	4000	0	*
Portland Bill	1019.8	-4	NNW	3	bc	56	75	8	4	-	-	4.6	4.6	2500	0	2
Plymouth	1021.4	+6	N	1	bc	54	85	8	5	3	2	1	4.6	2500	0	0
The Lizard	1021.9	+4	NNW	3	bc	53	92	8	7	4	-	2.3	4.6	4000	0	2
Scilly (St. Mary's)	1022.9	+4	N'W	4	bc	54	85	8	8	6	2	2.3	4.6	2500	0	2
Guernsey	1020.6	+6	NNW	2	bc	56	85	7	-	1	1	0	4.6	-	0	1
Pembroke	1020.6	+4	NW	3	bc	53	92	8	5	7	-	Tr	2.3	1500	0	1
Holyhead	1019.9	+2	W	4	b	51	85	8	1	4	-	1	1	1500	0	2
Chester (Sealand)	1019.9	+2	W	3	bc	53	75	7	7	-	9	2.3	2.3	2500	0	*
Manchester	1019.4	0	W	3	c	52	85	6	8	-	-	7.8	7.8	1500	1	4
Spurn Head	1018.4	0	W'N	4	bc	55	75	6	-	-	8	0	4.6	-	0	3
Catterick	1017.7	+2	WSW	3	bc	54	75	8	2	4	-	2.3	2.3	4000	0	*
Tynemouth	1016.5	+4	W	3	bc	54	65	7	2	-	-	2.3	2.3	1500	0	1
Inchkeith	1014.7	-2	SW	5	c	50	92	8	5	7	-	4.6	7.8	2500	0	4
Leuchars	1014.1	+2	SW	4	p	53	75	8	8	-	-	4.6	4.6	2500	0	*
Renfrew (Abbots I.)	1015.1	+2	WSW	4	pr.	51	85	8	8	6	-	7.8	7.8	1500	0	*
Eskdalemuir	1016.3	0	SW'S	3	bc	50	75	8	8	-	-	4.6	4.6	1500	1	*
Point of Ayre	1018.0	0	WNW	4	bc	54	75	8	7	-	-	2.3	2.3	4000	0	3
Tiree	1013.5	+2	W	5	bc	51	75	9	8	3	-	2.3	4.6	1500	0	3
Stornoway	1008.4	-2	WSW	6	c/pr	50	85	8	8	7	9	4.6	9	1500	1	3
Dalwhinnie	1013.1	-6	SW	4	ir	46	75	7	5	1	-	4.6	10	2500	1	*
Aberdeen	1011.4	-4	WSW	2	bc	53	65	8	7	9	-	1	2.3	1500	0	1
Wick	1008.7	0	WSW	4	c	50	85	8	5	7	1	4.6	9	1500	1	2
Lerwick	1003.4	-6	WSW	8	c/d	49	92	7	8	2	-	9	10	800	1	*
Blacksod Point	1018.9	0	W	4	bc	53	85	8	3	-	-	4.6	4.6	1500	1	3
Malin Head	1016.2	0	W'N	4	c/pr	50	92	7	9	-	-	7.8	7.8	1500	0	2
Aldergrove	1018.1	-2	WSW	3	c	50	85	8	5	-	-	9	9	1500	1	*
Birr Castle	1020.4	+2	W	1	c/pr	49	92	8	5	-	-	9	9	2500	0	*
Valentia Obsy. †	1023.3	+6	WNW	3	c	53	65	8	5	-	-	5+	5+	2500	0	2
Roches Point	1022.8	+6	WNW	2	c	52	85	8	5	-	-	9	9	2500	0	1

PAST 24 HOURS.

Stations	Temperature Max. Day 7h–18h °F. (31)	Temperature Min. Night 18h–7h °F (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 30th Hrs. (36)
London (Kew)	74	55	48	-	-	7.9
Croydon	77	55	51	-	-	8.1
S. Farnborough	73	50	47	-	-	6.7
Boscombe Down	68	45	43	-	-	7.3
Calshot (Sthmtn.)	70	52	50	-	-	8.3
Lympne	75	55	55	-	-	9.7
Manston	79	54	52	-	-	9.2
Shoeburyness	78	54	52	-	-	8.6
Felixstowe	72	53	52	-	-	7.5
Gorleston	77	53	53	-	-	8.3
Mildenhall	74	50	46	-	Tr	7.3
Cranwell	71	45	39	-	-	6.3
Birmingham	69	48	43	-	-	10.2
Upper Heyford	69	47	40	-	-	*
Ross-on-Wye	69	43	37	-	-	10.6
Portland Bill	62	51	*	-	-	*
Plymouth	62	49	44	-	-	6.6
The Lizard	62	45	*	-	-	*
Scilly (St. Mary's)	61	51	*	-	-	12.7
Guernsey	63	52	50	-	-	9.6
Pembroke	58	48	*	-	-	13.5
Holyhead	61	49	47	-	-	12.3
Chester (Sealand)	64	48	41	-	-	11.3
Manchester	64	45	38	-	-	11.3
Spurn Head	69	51	*	-	-	7.0
Catterick	69	46	41	-	-	10.9
Tynemouth	65	50	44	-	-	10.5
Inchkeith	58	47	45	-	-	9.0
Leuchars	63	44	40	-	-	10.7
Renfrew (Abbots I.)	61	49	45	1	0.1	8.2
Eskdalemuir	61	38	33	0.5	0.2	6.3
Point of Ayre	66	48	*	-	Tr	11.0
Tiree	56	48	45	0.6	1	10.7
Stornoway	55	47	*	3	2	5.4
Dalwhinnie	57	41	35	0.3	5	7.0
Aberdeen	65	47	41	-	-	10.7
Wick	61	47	*	Tr	Tr	*
Lerwick	54	46	*	Tr	2	2.9
Blacksod Point	57	47	*	Tr	Tr	*
Malin Head	57	48	*	Tr	1	8.9
Aldergrove	61	46	43	Tr	0.1	5.8
Birr Castle	60	45	36	Tr	0.1	9.3
Valentia Obsy. †	58	52	49	Tr	-	10.6
Roches Point	64	48	*	Tr	Tr	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon (24 hrs. ended 9h.)	Weather Night (24 hrs. ended 9h.)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T % (Yesterday)	Humidity 9h. G.M.T % (To-day)	Visibility 9h.
Kew	18	bc wc	cy	cy cc b	74	55	48	-	-	7.9	*	*	7
Croydon	217	bc z. cy ⊕	cy ⊕	cb cw bc	77	55	51	-	-	8.1	*	*	6
Greenwich (Royal Observatory)	149	cy	cy ⊕	cy	75	54	44	-	-	7.4	61	55	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	7.4	*	*	*
Westminster (St. James' Park)	27	*	*	*	76	57	52	-		7.9	62	51	*
Regents Pk. (Botanic Garden)	168	*	*	*	76	54	50	-	-	8.5	61	57	*
Camden Square	110	bc	bc	*	78	55	51	-	-	*	*	51	*
Kensington	80	bc	bc	*	74	55	50	-	-	7.9	At 18h. 64	51	*
Hampstead Observatory	450	bc	b	bc	74	50	39	-	-	8.0	*	57	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 31st

South Kensington	Max.	Time.	Min.	Time.
	<0.3	whole period		

Kew Observatory	Max.	Time.	Min.	Time.
	0.1	23h 30th	<0.1	13h 30th

FOREIGN OBSERVATIONS.

Stations	18h G.M.T. May 30th Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. May 31st Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1017.7	SSE	1	bc	84	1018.3	SW	3	pr.	63	88	61	-	13
Brussels	1017.8	WSW	1	c	75	1015.9	SW	2	c/pr	64	84	61	-	14
Berlin	1022.6	SSE	3	b	73	1016.0	S	3	c	64	75	54	-	-
Zürich						1020.6	N	2	z.	63		55		-
Rome	1019.8	NNW	2	c	75	1022.5	ENE	2	b	?	*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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.