M.O. Form 2373.

THE DAILY WEATHER REPORT

BRITISH SECTION

1st January to 31st March

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, Roumania, 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 Northern Atlantic.

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

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

THE BEAUFORT SCALE OF WIND FORCE.

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

GALE WARNINGS.

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

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

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

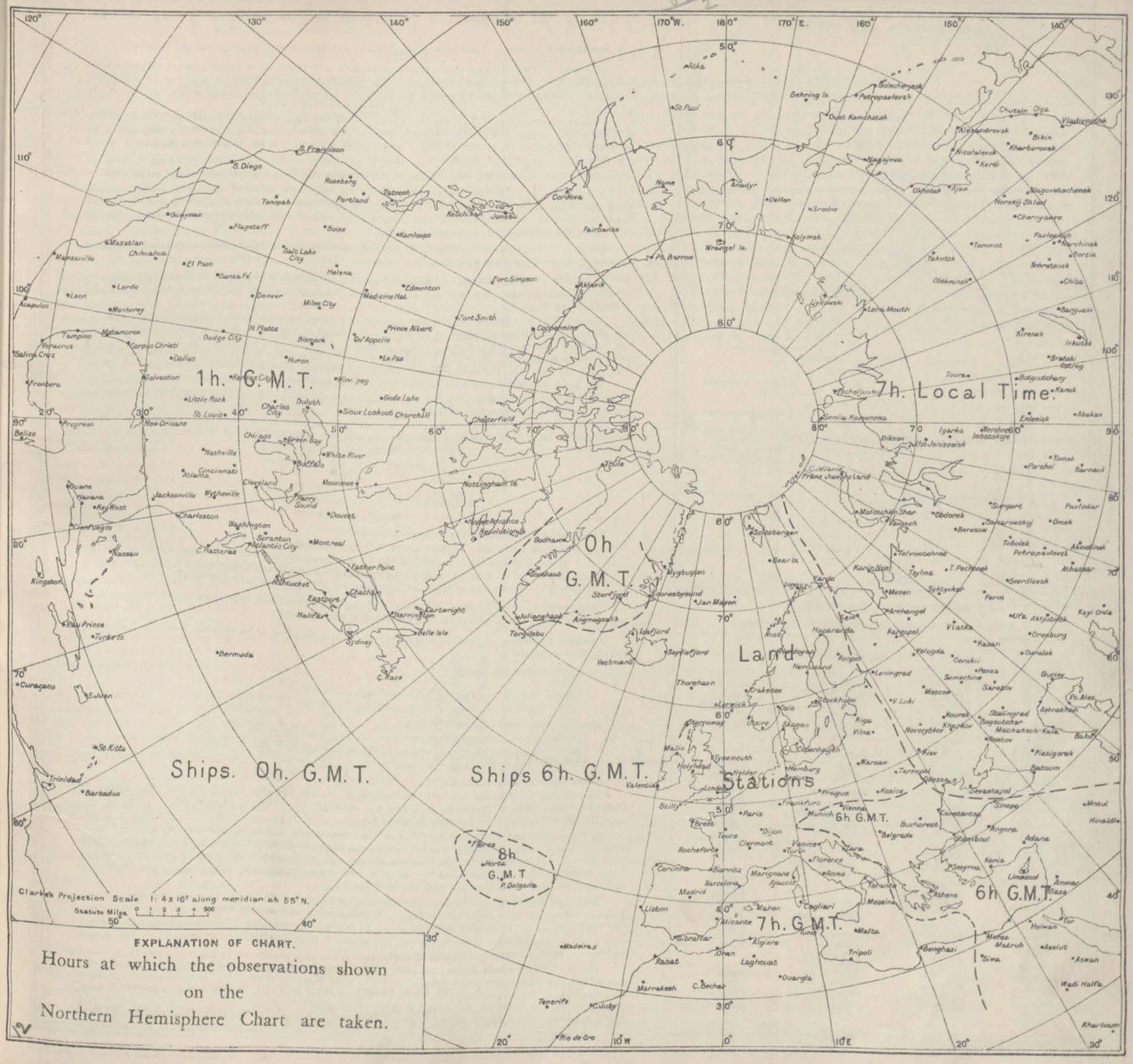
The *South Cone* (point downwards) is hoisted for gales commencing from a Southerly point. Such gales often veer, sometimes as far as Northwest.

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

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

▲ North Cone hoisted: ▼ South Cone hoisted:

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


1h. G.M.T.
7h. Local Time.
Oh G.M.T.
Ships. Oh. G.M.T.
Ships 6h. G.M.T.
Land Stations
6h G.M.T.
8h G.M.T
7h. G.M.T.
6h G.M.T.
Clarke's Projection Scale 1: 4 x 10⁷ along meridian at 55° N.
Statute Miles 0 1 2 3 4 500
EXPLANATION OF CHART.
Hours at which the observations shown on the Northern Hemisphere Chart are taken.

FORECAST DISTRICTS AND STATIONS IN GREAT BRITAIN AND IRELAND

FORECAST DISTRICTS

and the Counties comprised within them.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

14. *Mid. Scotland.*
    Perth.

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

16. *Orkneys and Shetlands.*

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

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

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

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

NOTES ON THE INFORMATION CONTAINED IN THE DAILY WEATHER REPORT.

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

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

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

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

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

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

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

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

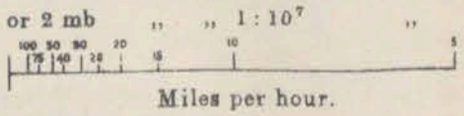
The scale below can be used to determine the theoretical wind as deduced from the pressure distribution on either chart. On the assumption that the path of the air is straight this theoretical wind is called the Geostrophic Wind.

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

GEOSTROPHIC WIND SCALE FOR

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

or 2 mb ,, ,, $1 : 10^7$,,



Miles per hour.

This scale applies under the following conditions:—

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

Corrections.—For an increase of 10 mb pressure, subtract 1% from velocity; for an increase of 10° F. add 2%. From Latitude 55° to Latitude 65° subtract 1% for each degree *above* 55°. From Latitude 55° to Latitude 45° add 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. 1950), 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.

C 709/3948. Wt 8107 A. D. 6003. Gp. 408. R&D. 3/37.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

MONTHLY SUPPLEMENT,

March, 1937. No. 243.

Cold, sunny and dry in W. Scotland and N. Ireland, wet in eastern districts.

Sunshine amounts were mainly above average in Ireland and western coastal districts of Great Britain but generally below in the East.

Precipitation was deficient in W. Scotland and N. Wales but elsewhere was generally above normal and new high records were reported from Croydon, Lympne, Shoeburyness and Tynemouth.

Wintry precipitation was prevalent in many districts and the number of days with sleet or snow constituted new records at Croydon, Birmingham and Eskdalemuir.

Snow storms were experienced in the northern half of the country during the period 11th to 13th. Conditions in N. Ireland and Scotland, where transport was completely disorganised, were reported to have been the worst experienced for several years. A comparatively heavy fall of snow occurred on the 7th in the South where considerable areas were affected.

Following the thawing of the snow many low lying districts were flooded.

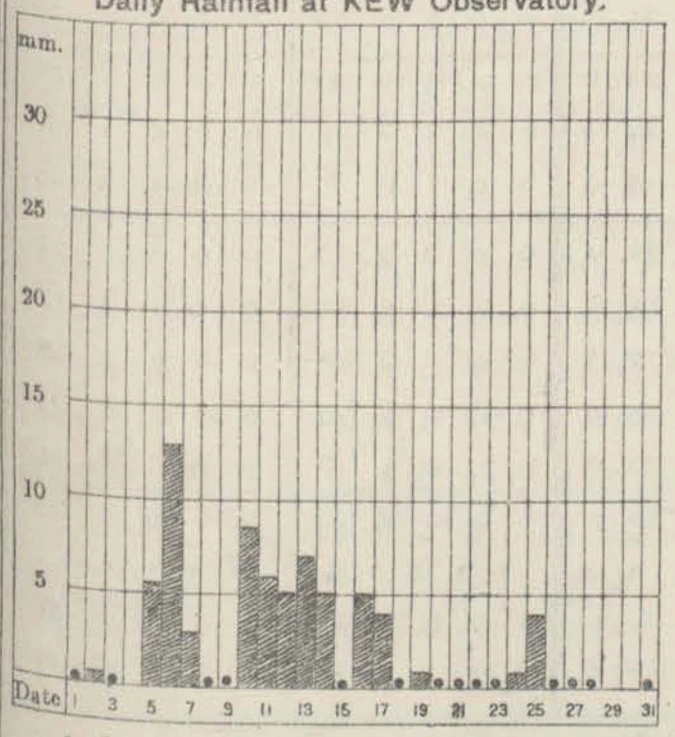
Temperature was generally below average and sharp frost occurred frequently. Ross-on-Wye, Birmingham and Renfrew reported the coldest March for many years. Notably low temperatures recorded in the screen were 4°F. at Dalwhinnie and 18°F. at Tunbridge Wells on the 8th and 10th respectively.

Gales and strong winds occurred most frequently on the Northern and Western coasts but were less severe then during the previous two months. Among the highest gusts recorded were 77 m.p.h. at Holyhead on the 11th and 76 m.p.h. at Valentia on the 30th.

Local thunderstorms were reported during the periods 11th to 13th and 17th to 20th chiefly in the South.

Fog which developed over S.E. Scotland and N.E. England on the 17th persisted locally until the 19th.

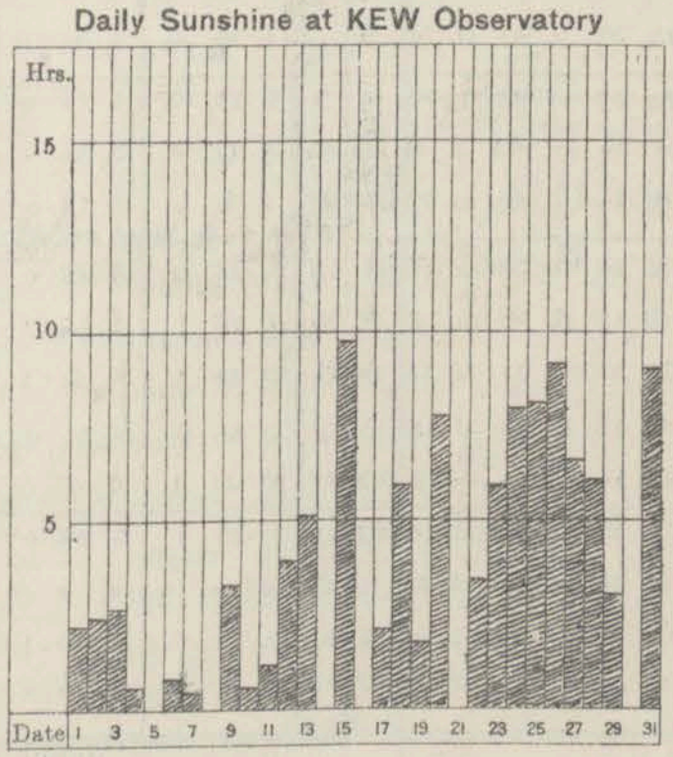
Daily Rainfall at KEW Observatory.



• = Less than 0·5 mm.

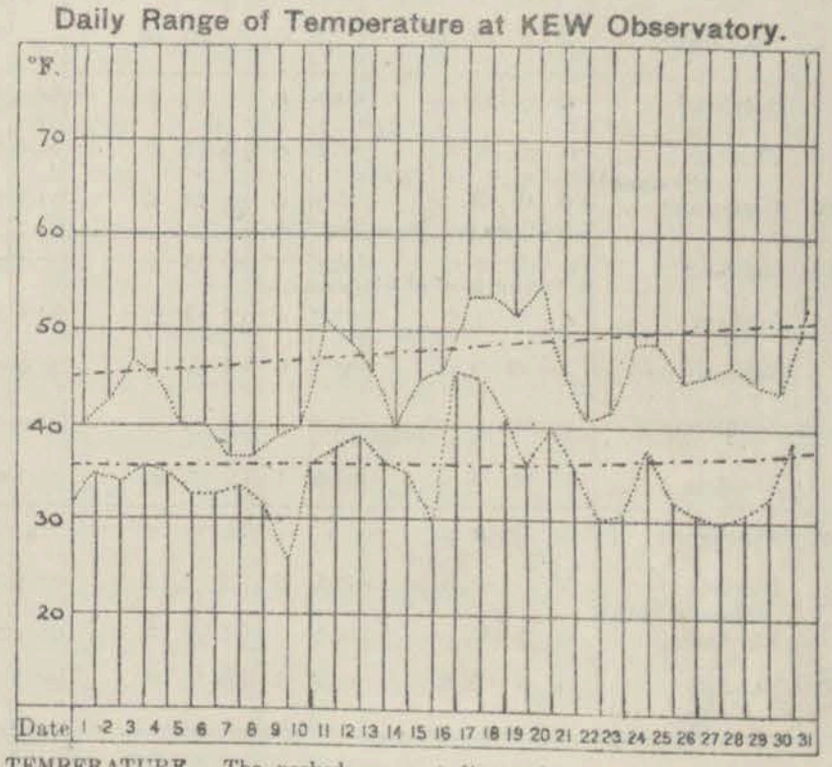
RAINFALL. Total for Month. 70 mm.

Daily Sunshine at KEW Observatory



SUNSHINE. Total for Month. 112 hrs.

Daily Range of Temperature at KEW Observatory.



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

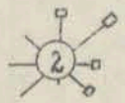
MEAN VALUES FOR THE MONTH.*

STATIONS.	PRESSURE Mean	PRESSURE Difference from average	TEMPERATURE Mean	TEMPERATURE Difference from average
	mb.	mb.	°F.	°F.
Kew	1005·6	-7·8	40·2	-3·7
Aberdeen	1006·1	-3·2	36·2	-5·1
Valentia	1002·9	-9·8	41·7	-4·6

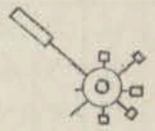
*Pressure—The mean is for the 24 hours. It is derived from values at 7 h. and 18 h. duly corrected.
Temperature—mean of Max. and Min.

WIND FREQUENCIES AT 7 hr.

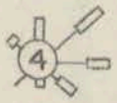
Kew



Aberdeen



Valentia



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

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

	miles.
Kew ...	6,977
Aberdeen ...	8,138
Lerwick ...	13,405
Valentia ...	9,198

SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY,

District.	Stations.	† Temperature. Number of daily readings within fixed limits. Maximum. 32° or below	33° - 41°	42° - 50°	51° - 59	Average Maximum.	Minimum. 23° or below	24° - 32°	33° - 41°	42° - 50°	Average Minimum.	Extremes—Warmest and Coldest. Days. Highest Max.	Date.	Lowest Max.	Date.	Nights. Highest Min.	Date.	Lowest Min.	Date.	Number of Ground Frosts.
						°F.					°F.	°F.		°F.		°F.		°F.		
1	London ... (Kew Obsy).	0	9	16	6	50.3	0	9	19	3	37.5	55	20	37	8	46	17	26	10	18
	Croydon ...	0	7	18	6	50.3	1	11	16	3	36.7	56	20	34	8	45	17, 18	23	10	12
	Calshot** ... (Southampton)	0	4	24	3	49.1	0	8	17	6	37.9	52	18	39	8	46	17, 18	28	10	14
	Lympne ...	0	8	19	4	47.7	0	14	14	3	36.2	54	18	34	9	44	18	26	10	18
2	Shoeburyness ...	0	6	20	5	49.7	0	13	16	2	38.3	55	20	36	8	44	18	27	16, 23	18
	Gorleston ...	0	7	22	2	47.3	0	5	25	1	37.1	53	17, 18	37	8, 9	42	18	28	10	5
	Cranwell ...	0	12	14	5	49.3	1	20	10	0	34.3	55	19	36	6, 10, 11	41	18	23	16	21
3	Birmingham ... (Edgbaston)	0	14	14	3	48.5	0	18	12	1	36.1	54	17	35	6, 11	43	18	27	1, 10	21
4	Ross-on-Wye ...	0	8	19	4	50.0	0	14	14	3	36.4	55	17	37	5	44	18	25	10	22
5	The Lizard ...	0	1	24	6	*	0	1	20	10	*	53	20	38	8	47	17	31	9	*
7	Holyhead ...	0	5	22	4	48.0	0	1	27	3	40.3	56	20	37	11	44	17, 18, 19	30	10	9
8	Chester ... (Sealand)	0	10	16	5	49.7	0	14	15	2	38.5	55	17, 18	36	11	43	19	26	16, 28, 29	20
10	Tynemouth ...	*0	16	13	1	46.9	0	10	21	0	37.7	51	18	36	9, 11	40	20	27	22, 26	14*
		* Max. temp. for 1st not available																		* Gross min. for 1st not available
11	Inchkeith** ...	*0	15	13	0	46.1	0	16	15	0	37.4	47	30	34	12, 13	38	19, 20	28	8, 13, 22	19
		* Max. temps. for 2nd-4th not available																		
12	Renfrew ...	0	9	22	0	47.9	2	17	12	0	34.8	50	19	35	12	41	19, 20	22	16	25
	Eskdalemuir ...	1	19	11	0	45.3	8	18	5	0	31.8	47	29	32	11	37	20	13	16	26
13B	Stornoway	0	15	16	0	46.5	0	13	18	0	36.9	47	30	35	12	41	31	25	13	*
15	Aberdeen ...	0	19	12	0	46.5	1	15	15	0	36.1	46	24	34	13	38	19, 20	22	23	18
18	Aldergrove ...	0	10	19	2	*	0	20	11	0	*	51	18, 19	33	13	41	19, 20	24	29	21
19	Dublin ... (Phœnix Park)	0	11	15	5	49.5	2	20	7	2	34.9	53	17	36	7, 13	45	19	21	10	23
	Birr Castle ...	0	7	18	6	50.3	1	21	4	5	36.7	53	17	33	11	44	17	22	9	21
20	Valentia ... (Cahirciveen)	0	4	19	8	50.8	0	10	12	9	41.8	53	18	39	12	45	18	27	9	13

District.	Stations.	Low Cloud. Number of observations within fixed limits. 7 h. Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	13 h. Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	18 h. Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Fog, Mist and Good Visibility. Number of observations within fixed limits. 7 h. Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	13 h. Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.
1	London ... (Kew Obsy).	7	20	0	2	28	0	4	26	0	0	2	0	2	7	0	0	0	0	11
	Croydon ...	6	17	1	3	25	1	2	24	1	0	0	2	4	6	0	0	1	3	8
	Calshot** ... (Southampton)	7	14	0	3	27	1	2	28	0	0	0	0	0	14	0	0	0	0	23
	Lympne ...	10	17	0	2	26	1	5	22	1	0	0	2	4	12	0	0	0	0	23
2	Shoeburyness ...	4	18	2	2	25	0	2	27	0	0	0	0	1	16	0	0	0	0	23
	Gorleston ...	1	27	0	1	28	0	0	28	0	0	1	0	0	6	0	0	0	1	8
	Cranwell ...	5	19	1	6	25	0	6	24	0	0	2	0	4	8	0	0	0	2	18
3	Birmingham ... (Edgbaston)	8	16	0	2	29	0	5	21	0	0	0	2	4	4	0	0	1	7	4
4	Ross-on-Wye ...	6	23	0	1	29	0	2	28	0	0	0	2	3	16	0	0	0	1	20
5	The Lizard ...	1	30	0	0	31	0	0	31	0	0	0	0	0	29	0	0	0	0	29
7	Holyhead ...	4	23	0	1	28	0	0	24	1	0	0	0	1	22	0	0	0	0	28
8	Chester ... (Sealand)	3	22	3	3	26	2	0	25	4	0	2	2	3	11	0	0	0	1	15
10	Tynemouth ...	15	16	0	13	18	0	12	19	0	0	0	1	1	9	0	0	1	0	20
11	Inchkeith** ...	6	25	0	3	28	0	3	28	0	0	0	3	2	23	0	0	1	1	25
12	Renfrew ...	2	25	1	3	24	1	3	24	2	0	0	2	4	15	0	0	1	2	17
	Eskdalemuir ...	13	15	1	8	21	1	10	19	1	0	0	1	2	19	0	0	0	0	19
13B	Stornoway	0	31	0	0	31	0	0	30	0	0	0	0	0	29	0	0	0	0	28
15	Aberdeen ...	8	21	1	4	27	0	4	27	0	0	1	0	1	17	0	0	1	1	21
18	Aldergrove ...	7	21	1	3	28	0	4	25	0	0	0	0	2	20	0	0	0	0	23
19	Dublin ... (Phœnix Park)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Birr Castle ...	0	23	1	0	30	1	0	30	1	0	0	0	0	31	0	0	0	0	31
20	Valentia ... (Cahirciveen)	2	26	0	3	26	2	1	28	2	0	0	0	0	27	0	0	0	0	31

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	1,730	39.2	35.6	38	34.1	16		
850	4,640	30.2	23.9	39	24.6	16		
750	7,860	21.5	14.1	39	12.4	16		
650	11,470	10.2	2.1	39	0.6	16		
550	15,570	-3.7	-12.4	39	-12.8	16		
	* Normals for Drayford							

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	9	45	29	3	0	67	4	37	26	0	0	62	11	31	19	1	0	69	14	37	15	3	0	2,000
5,000	40	8	16	15	1	0	35	4	18	12	1	0	29	4	21	4	0	0	33	8	14	10	1	0	5,000
10,000	14	0	11	3	0	0	9	2	3	4	0	0	8	2	5	1	0	0	18	1	12	5	0	0	10,000
15,000	4	1	2	1	0	0	3	0	2	1	0	0	2	1	1	0	0	0	7	2	4	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 MARCH 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.
1	London ... (Kew Obsy.)	6	10	7	~~7~~ 6	~~1~~ 2	9·7	15	1349	-120	~~112~~ 113	+4	1880	193	'07	~~58~~ 54	{'88 '16
	Croydon ...	5	11	8	6	1	9·2	31	1270	-255	105	-17	1922	187	'33	81	'36
	Calshot** ... (Southampton)	2	9	8	10	2	10·5	26	1558	-188	137	-9	1881	214	'07	73	'88
	Lympne ...	2	13	7	7	2	10·1	31	1579	-186	122	-25	1921	201	{'29 '33	102	'22
2	Shoeburyness ...	3	11	9	6	2	10·4	31	1499	-217	124	-16	1919	197	'33	93	'19
	Gorleston ...	5	7	6	11	2	11·0	31	1607	-36	139	+11	1908	186	'33	68	'16
	Cranwell ...	7	9	11	4	0	8·9	25	1397	-141	96	-25	1921	175	'33	62	'34
3	Birmingham ... (Edgbaston)	8	9	9	5	0	8·0	10	1161	-143	90	-6	1887	212	'93	44	'00
4	Ross-on-Wye ...	5	9	12	3	2	10·5	15	1283	-202	101	-15	1915	188	'29	62	'16
5	Falmouth ... (Observatory)	5	7	7	8	4	11·6	26	1571	-139	145	+9	1881	209	'93	69	'86
7	Holyhead ...	5	12	3	6	5	11·3	28	1611	+61	128	+3	1914	219	'29	52	'36
8	Chester ... (Sealand)	6	11	6	7	1	9·2	28	1268	-108	97	-17	1923	191	'29	65	'28
10	Tynemouth ...	6	15	4	5	1	10·4	23	*	*	75	*	1935	*	*	*	*
11	Inchkeith** ...	7	10	4	9	1	10·5	29	1439	+13	113	-6	1923	167	'33	53	'36
12	Renfrew ...	8	9	8	5	1	9·4	8	1157	-36	95	+4	1921	124	'33	39	'36
	Eskdalemuir ...	6	12	4	9	0	8·9	23	1236	+29	95	-4	1910	185	'29	44	'36
13B	Stornoway ...	3	7	10	10	1	9·8	6	1356	+141	141	+32	1881	172	'11	59	'21
15	Aberdeen ...	6	10	11	4	0	8·4	15	1529	+200	99	-10	1881	190	'94	45	'09
18	Aldergrove ..	5	9	6	7	4	10·8	{27 29	1323	*	131	*	1927	181	'29	71	'36
19	Dublin ... (Phœnix Park)	6	15	3	3	4	10·1	29	1363	-74	~~118~~ 99	+3	1881	201	{'94 '29	69	'36
	Birr Castle ...	6	10	6	5	4	10·2	29	1258	-48	110	-1	1881	192	'29	63	'00
20	Valentia ... (Cahirciveen)	5	8	7	8	3	10·5	26	1376	+8	133	+17	1880	197	'23	70	'03

Stations.	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.
London ... (Kew Obsy.)	13	6	6	6	0	0	13	6	708	+102	70	+27	1856	113	'62	1	'29	1	10
Croydon ...	12	4	8	7	0	0	11	{6 16	891	+212	83	+31	1921	79	'33	2	'29	2	13
Calshot** ... (Southampton)	15	5	6	4	1	0	20	6	837	+191	~~80~~ 81	+37	1871	133	'97	5	'25	0	7
Lympne ...	9	4	12	6	0	0	15	11	901	+177	91	+37	1920	91	'27	4	{'29 '35	1	11
Shoeburyness ...	11	6	10	4	0	0	12	11	630	+150	59	+26	1920	52	'28	1	'29	0	10
Gorleston ...	14	7	7	3	0	0	10	{7 11 14	679	+57	55	+11	1871	95	'14	3	'29	1	11
Cranwell ...	13	7	7	4	0	0	10	14	678	+88	54	+19	1917	69	'19	7	'31	2	15
Birmingham ... (Edgbaston)	14	3	9	5	0	0	12	11	868	+194	67	+19	1893	118	'03	4	'29	3	16
Ross-on-Wye ...	15	2	8	5	1	0	25	16	898	+180	105	+53	1859	137	'13	5	{'93 '29	3	10
Falmouth ... (Observatory)	12	4	5	9	0	1	25	13	1222	+115	124	+36	1871	212	'14	14	'93	1	3
Holyhead ...	12	10	7	2	0	0	6	14	347	+59	39	-28	1871	180	'20	12	'26	0	8
Chester ... (Sealand)	16	2	11	2	0	0	9	16	757	+96	50	+5	1922	89	'27	4	'29	2	9
Tynemouth ...	8	5	13	5	0	0	14	12	728	+107	90	+44	1915	72	'32	12	'29	1	13
Inchkeith** ...	16	6	6	3	0	0	9	17	558	+4	39	+3	1870	111	'09	8	'29	0	11
Renfrew ...	18	7	4	1	1	0	17	16	1067	+128	37	-34	1921	143	'21	20	'29	0	13
Eskdalemuir ...	14	6	5	5	1	0	18	16	1552	+123	81	-44	1910	225	'21	26	'24	1	22
Stornoway ...	12	5	11	3	0	0	9	13	1097	-169	50	-54	1870	205	'03	23	'80	1	13
Aberdeen ...	7	6	14	4	0	0	13	17	657	-91	~~69~~ 70	+8	1871	125	'76	5	'29	0	20
Aldergrove ..	8	11	9	3	0	0	14	11	973	+135	69	+5	1926	79	'28	10	'29	0	16
Dublin ... (Phœnix Park)	7	9	9	3	2	1	35	11	829	+124	~~99~~ 120	+49	1865	100	'88	7	'29	0	6
Birr Castle ...	14	10	5	1	1	0	21	11	960	+131	52	-9	1862	155	'03	12	'25	0	8
Valentia ... (Cahirciveen)	11	5	5	7	3	0	24	30	1455	+41	~~125~~ 127	+10	1866	276	'84	25	'25	1	7

MINIMUM SURFACE HUMIDITY.

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

Stations.	95 to 100 %	90 to 94 %	80 to 89 %	70 to 79 %	60 to 69 %	50 to 59 %	40 to 49 %	30 to 39 %	20 to 29 %	0 to 19 %
London (Kew)	0	0	1	6	5	9	8	2	0	0
Ross-on-Wye ...	0	0	2	2	13	7	6	1	0	0
Falmouth (Obsy.)	1	1	10	5	13	1	0	0	0	0
Renfrew ...	0	1	2	3	8	11	5	1	0	0
Eskdalemuir ...	0	3	4	4	10	5	5	0	0	0
Aberdeen ...	1	1	5	3	10	7	4	0	0	0
Valentia ...	0	0	2	7	6	12	4	0	0	0

STATE OF GROUND AT 18 h.

No. of Days each type was recorded.

Stations.	0	1	2	3	4	5	6	7	8	9
London (Kew)	0	28	3	0	0	0	0	0	0	0
Ross-on-Wye	0	31	0	0	0	0	0	0	0	0
Renfrew ...	5	20	0	2	3	0	0	1	0	0
Eskdalemuir	0	6	0	0	14	0	3	2	6	0
Aberdeen ...	0	28	0	0	3	0	0	0	0	0
Valentia ...	2	29	0	0	0	0	0	0	0	0

CODE for State of Ground.

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

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

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

PRESSURE: ICELAND TO GULF OF LIONS ..... MARCH ..... 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. 68° N., Long. 18° W. in the north; at Lat. 44½° N., Long. 4° E., in the south.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 1st March, 1937.
No. 27493.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	977·1	+30	NNW	4	c	35	85	5	5	-	-	10	10	800
	Croydon ...	975·6	+18	NNW	3	f	35	92	3	-	2	-	10	10	450
	S. Farnborough	978·2	+36	NNW	5	c/s	33	85	7	6	2	-	9	10	800
	Boscombe Down	980·8	+50	NNW	6	s₀s₀	32	97	6	6	2	-	9	9+	800
	Calshot (Sthmtn.)	979·9	+34	NW	7	z₀	37	85	6	8	7	-	9	10	800
	Lympne ...	976·2	+28	SW	4	ir₀	35	92	7	6	-	-	10	10	800
	Manston ...	975·0	-38	SE	6	rs	35	92	7	6	2	-	7-8	10	800
2	Shoeburyness ...	975·6	-16	SSE	3	c	38	85	8	8	-	-	9+	9+	1500
	Felixstowe ...	977·5	-4	SE'E	4	pr₀	39	85	7	5	-	-	10	10	1500
	Gorleston ...	979·5	-2	SE'S	6	prs₀	40	65	6	9	-	-	7-8	7-8	1500
	Mildenhall ...	978·5	+26	NNE	3	c	40	75	7	8	3	-	7-8	9	2500
	Cranwell ...	982·2	+48	N	4	c/s	34	92	8	8	-	-	10	10	2500
3	Birmingham ...	984·3	+66	NNW	5	66	31	97	3	6	-	-	10	10	800
	Upper Heyford	981·4	+50	NNW	5	c	34	85	7	5	-	-	10	10	800
4	Ross-on-Wye	986·9	+60	NNW	7	9/rs	34	75	8	6	-	-	10	10	2500
5	Portland Bill ...	984·0	+40	NNW	7	c	39	92	7	4	-	-	10	10	2500
	Plymouth ...	992·2	+26	NW'W	7	c/rs	40	65	7	5	1	-	4-6	9+	1500
	The Lizard ...	995·1	+14	NW	8	q	40	65	8	9	2	-	7-8	9+	1500
	Scilly (St. Mary's)	995·5	+20	NNW	8	q	42	65	7	8	-	-	7-8	7-8	1500
	Guernsey ...	988·9	+2	NNW	8	5	37	92	6	5	-	-	10	10	1500
6	Pembroke ...	993·5	+14	N'W	8	q	40	65	7	5	6	-	4-6	10	2500
7	Holyhead ...	[illegible]	[illegible]	N	8	c	39	75	8	8	1	3	4-6	9+	1500
	Chester (Sealand)	994·7	+40	NW'N	7	z₀	36	65	6	-	2	-	10	10	1500
8	Manchester ...	987·3	+50	N'W	7	is₀	35	65	7	5	2	-	7-8	10	2500
10	Spurn Head ...	981·8	+40	NNE	4	c	37	85	7	5	2	-	4-6	10	1500
	Catterick ...	987·6	+42	N	7	c	34	75	7	5	2	-	9	10	1500
	Tynemouth ...	986·7	+40	N	8	o	38	65	6	6	-	-	10	10	800
11	Inchkeith ...	992·3	+18	N	6	c	35	97	8	8	7	-	4-6	7-8	2500
	Leuchars ...	993·3	+10	N	3	bc	39	55	9	7	-	2	2-3	4-6	2500
12	Renfrew (Abbots I.)	996·8	+12	N'W	5	bc	38	55	9	1	6	1	2-3	4-6	4000
	Eskdalemuir ...	992·6	+30	N	7	ks	30	92	9	5	2	6	4-6	9+	1500
	Point of Ayre...	995·1	+36	N'E	8	c	39	65	8	9	1	-	4-6	7-8	800
13A	Tiree	1000·8	+6	N	7	bc	38	65	8	3	-	3	4-6	4-6	1500
13B	Stornoway ...	998·6	-14	NNW	7	c/phr	36	85	8	8	7	3	4-6	7-8	2500
15	Dalwhinnie ...	*	+6	N	4	c	27	92	8	3	2	-	4-6	9	2500
	Aberdeen ...	992·3	+2	NNW	5	b/ps	36	65	8	3	-	1	1	1	1500
	Wick ...	992·6	-12	NNW	6	c	34	85	8	8	6	-	4-6	7-8	800
16	Lerwick ...	990·7	-6	NNW	3	bc	36	85	8	5	8	8	2-3	4-6	1500
17	Blacksod Point	1008·6	+28	N	9	cq	41	55	7	9	-	-	7-8	7-8	800
18	Malin Head ...	1002·6	+20	N	7	c/phr	37	92	7	6	1	-	4-6	7-8	1500
	Aldergrove ...	993·1	+18	N'W	6	bc/ps	39	55	8	3	-	3	1	2-3	1500
19	Birr Castle ...	1004·1	*	NNW	3	c/ps	37	65	8	8	7	-	4-6	7-8	2500
20	Valentia Obsy. †	1010·6	+30	NNE	6	c/s	40	65	8	9	4	2	4-6	7-8	2500
	Roches Point	1004·8	+28	N	7	c	40	75	9	3	-	5	4-6	7-8	1500

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

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)	985·9	+50	NNW	5	z₀	36	75	6	5	-	-	9+	9+	1500	2	*
	Croydon ...	985·9	+54	NW'N	6	z₀	35	75	6	5	2	-	9	10	1500	1	*
	S. Farnborough	988·0	+56	NW	6	sh	34	75	5	6	-	-	10	10	800	6	*
	Boscombe Down	989·9	+54	NNW	8	q	33	75	8	5	-	6	4-6	4-6	800	4	*
	Calshot (Sthmtn.)	988·7	+60	NW	8	c	36	65	7	5	5	-	4-6	7-8	2500	1	3
	Lympne ...	982·1	+40	NNW	6	c	35	75	6	5	2	-	7-8	10	800	1	§ 4
	Manston ...	979·7	+36	NW	6	ir₀	36	85	6	6	2	-	4-6	10	800	1	*
2	Shoeburyness ...	981·3	+36	NW'N	6	c	37	75	7	8	-	-	9+	9+	1500	1	*
	Felixstowe ...	980·9	+32	NW'N	3	c	36	92	7	5	-	1	7-8	7-8	1500	1	2
	Gorleston ...	983·6	+24	ESE	4	r₀r₀	38	85	6	6	-	-	10	10	2500	1	4
	Mildenhall ...	985·2	+42	NNW	6	c/r	35	92	7	5	7	-	4-6	7-8	800	1	*
	Cranwell ...	988·6	+50	N'W	8	s₀s₀	33	97	6	6	-	-	10	10	450	4	*
3	Birmingham ...	993·2	+50	NNW	6	c	30	85	6	6	1	-	4-6	10	800	7	*
	Upper Heyford	989·8	+50	NNW	6	c/s	33	85	7	5	-	-	10	10	800	4	*
4	Ross-on-Wye	994·5	+46	N'W	6	q	36	65	8	5	7	1	1	4-6	4000	1	*
5	Portland Bill ...	992·6	+40	N	7	c	38	85	7	4	4	-	4-6	7-8	2500	2	6
	Plymouth ...	998·3	+34	NNW	7	psp	39	55	6	9	8	3	4-6	7-8	1500	1	3
	The Lizard ...	1000·8	+40	NW	8	q	39	55	8	9	-	-	7-8	7-8	1500	1	5
	Scilly (St. Mary's)	1003·9	+32	N'W	8	c/phr	41	65	7	9	-	-	7-8	7-8	1500	1	5
	Guernsey ...	995·3	+40	N'W	7	q	40	55	7	8	1	-	4-6	9	2500	1	5
6	Pembroke ...	999·7	+30	N'W	8	PHR	34	85	7	8	-	-	7-8	7-8	2500	4	4
7	Holyhead ...	998·7	+14	NNW	6	psh	38	75	8	9	-	-	9	9	1500	0	4
	Chester (Sealand)	995·3	+20	NW'N	6	c	36	65	7	9	7	-	4-6	9	1500	4	*
8	Manchester ...	993·8	+34	NW'N	6	bc	35	65	8	8	3	-	2-3	7-8	2500	7	*
10	Spurn Head ...	986·5	+40	NNW	5	c	34	97	6	5	2	-	7-8	10	1500	1	4
	Catterick ...	992·7	+24	NW'N	5	c	34	65	8	-	7	-	0	9	-	4	*
	Tynemouth ...	990·8	+28	N	6	bc	36	65	6	2	-	-	4-6	4-6	1500	1	5
11	Inchkeith ...	995·0	+20	?	5	c	36	97	8	5	-	-	7-8	7-8	2500	0	3
	Leuchars ...	993·1	-4	WNW	2	bc	34	75	8	4	-	-	2-3	2-3	2500	1	*
12	Renfrew (Abbots I.)	995·1	-14	NW'W	4	bc	35	75	8	4	-	-	4-6	4-6	4000	1	*
	Eskdalemuir ...	994·8	+0	WNW	5	b	37	75	7	5	-	4	1	1	1500	8	*
	Point of Ayre...	997·3	+14	N	6	bc	38	65	8	-	9	-	-	4-6	-	1	4
13A	Tiree	999·6	-12	N	8	rs	36	92	6	9	-	-	10	10	800	1	5
13B	Stornoway ...	998·7	+16	NNE	8	c/ps	34	85	7	6	2	-	7-8	10	1500	4	4
15	Dalwhinnie ...	995·0	-16	NNW	2	bc	27	85	7	3	6	-	2-3	4-6	2500	9	*
	Aberdeen ...	992·3	+2	NW	3	bc	31	92	7	8	-	1	2-3	4-6	1500	4	2
	Wick ...	992·9	+24	NNE	5	c	35	65	8	8	7	-	4-6	7-8	1500	7	3
16	Lerwick ...	993·0	+28	NNE	5	c/phr	36	85	7	9	2	-	9	10	800	4	*
17	Blacksod Point	1010·6	+8	NE	8	cq	38	65	8	9	-	-	7-8	7-8	800	7	5
18	Malin Head ...	1002·1	-4	N	7	c/phr	37	97	7	9	-	-	9+	9+	1500	4	6
	Aldergrove ...	1000·8	+4	NW	5	ps₀	34	85	8	9	-	-	9	9	1500	1	*
19	Birr Castle ...	1006·6	*	NNW	3	c/ps	34	75	8	8	8	-	4-6	7-8	2500	1	*
20	Valentia Obsy. †	1012·5	+6	N	6	phr	41	55	6	6	-	-	10	10	2500	1	4
	Roches Point	1008·1	+16	N	7	bc/ps	38	85	8	3	4	-	2-3	4-6	1500	1	3

PAST 24 HOURS.

District	Stations.	Weather. 7h.–13h. 28th. (37)	Weather. 13h.–18h. 28th. (38)	Weather. 18h. 28th to 1h. 1st. (39)	Weather. 1h.–7h. 1st. (40)
1	London (Kew)	ssffc	cps₀cm₀	cps₀	cpsm₀
	Croydon ...	c₁s₀s₀s₀s	fr₀s₀is₀	cp₀ss₀cq	cm₀s₀
	S. Farnborough	shmssq	cis₀oish₀	cis₀m₀c	cbc
	Boscombe Down	ssfssm₀	ss₀cqbcq	cbc	bcx
	Calshot (Sthmtn.)	ssrsprsh	cssm₀c	cbcbbc	bcbxm₀
	Lympne ...	Pspshr₀s₀	cpsh₀s₀c	cps₀pr₀s₀	ops₀s₀h
	Manston ...	opsprsq	ors₀qcir₀	oqrss	sfos₀m₀
2	Shoeburyness ...	bcc	cpc	cq	sixm₀c
	Felixstowe ...	cpr₀h	cpr₀bcc	crsrsc	orsrsc
	Gorleston ...	cprs	orsr₀	or₀r₀c	prs₀c
	Mildenhall ...	s₀s₀m₀c	cr₀c	cr₀m₀	cs₀s₀c
	Cranwell ...	sh₀sh₀ish₀	cs₀s₀s₀	s₀s₀ssc	cbc
3	Birmingham ...	oss	os₁s₀c	cbc	bcps₀
	Upper Heyford	os₀s₀c	cos₀s₀c	cbc	bc
4	Ross-on-Wye	rsqir₀s₀q	oqcq	bcqbbcc	bcb
5	Portland Bill ...	prRc	c	bcbc	bcc
	Plymouth ...	oiRsrsch	cqbcyps₀	cps₀yz₀	cps₀pr₀s₀
	The Lizard ...	cprhq	cqphs	cqphs	cph₀q
	Scilly (St. Mary's)	cbcc₀q	cphq	psqy	bccph₀
	Guernsey ...	PHRS	rsocq	cq	cqpr
6	Pembroke ...	cqirs	bcqcirsPH	cpshqbc	qirsc
7	Holyhead ...	o₀s₀m₀c	ps₀bc	psh₀c	c
	Chester (Sealand)	cssm₀	cy	cs₀s₀	cbbc
8	Manchester ...	ossss	cis₀cbc	bcz₀	bcm₀
10	Spurn Head ...	csh₀	cpr₀	sso	sqc
	Catterick ...	sfm₀	cs₀c	cbc	bcc
	Tynemouth ...	oirsq	obcq	bc	bcc
11	Inchkeith ...	c	c	c	c
	Leuchars ...	cqbcq	bcqybc	bcis₀c	c
12	Renfrew (Abbots I.)	oqph₀bc	byvbc	bcx	bcx
	Eskdalemuir ...	cks	ksbcb	bx	bbcx
	Point of Ayre...	oc	cbc	bcc	obc
13A	Tiree	bcisq	bccq	cphr	oirsc
13B	Stornoway ...	cpsh₀q	cssps	ph₀ps	phprs
15	Dalwhinnie ...	ks₀c	ksS	*	Ksc
	Aberdeen ...	bcpsh₀	bcps₀	bxcps	cpsbc
	Wick ...	cpsc	cpsc	c	rsrrc
16	Lerwick ...	bc	bccphs	cphrq	cirr
17	Blacksod Point	PHcq	PHq	PHq	phrq
18	Malin Head ...	cPHR	cPHR	cPHRcphr	cbcc
	Aldergrove ...	cbcps₀	bccps₀	cpsqb	bc
19	Birr Castle ...	cps	cps	cps	cpsbcx
20	Valentia Obsy. †	[illegible]	npsph	PHbc	prsprs₀bc
	Roches Point	cps₀cv	cps₀bc	bc	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_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.

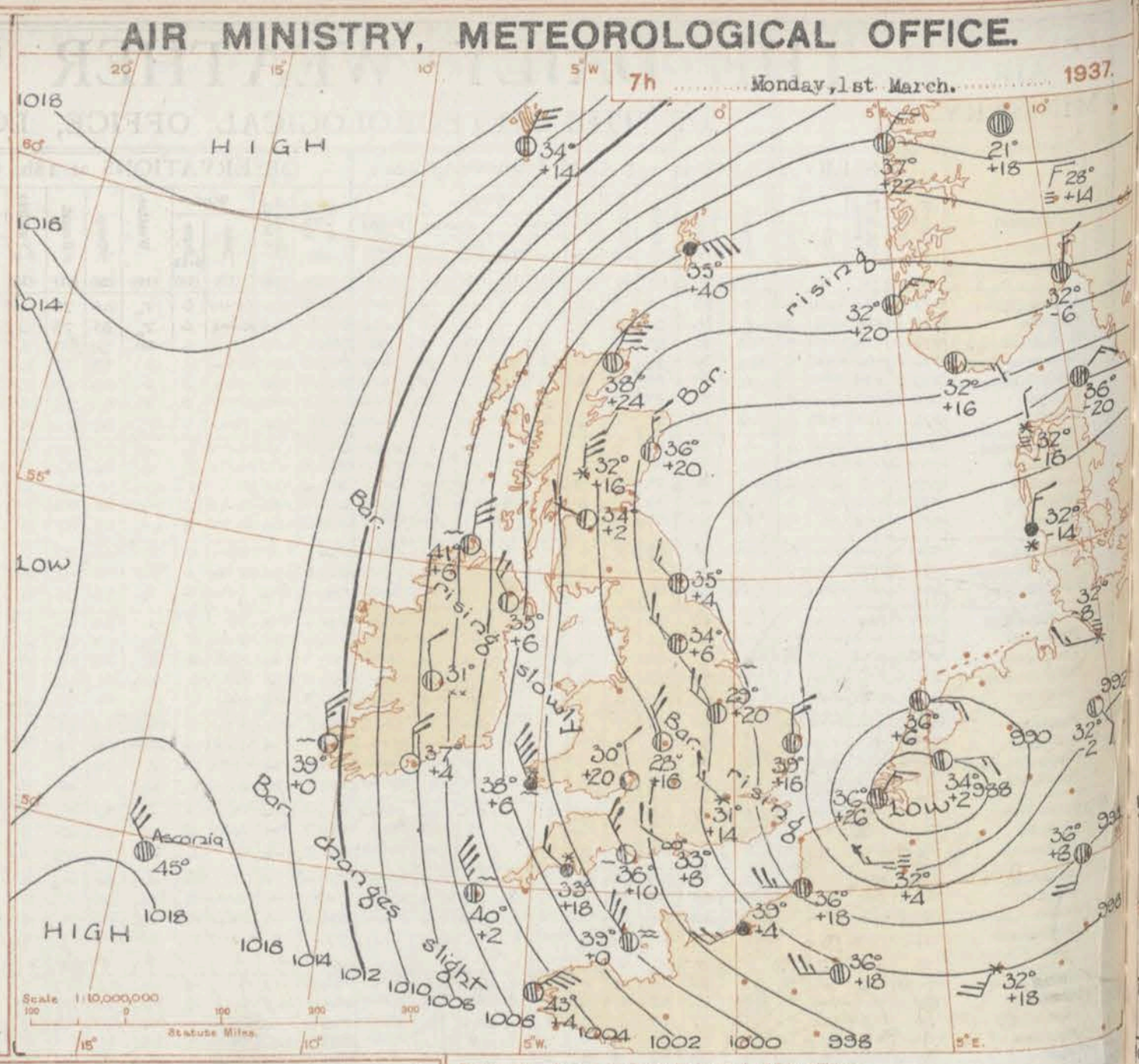
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for February 28th 1937.

Distrct.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature (F) Min. 9h. 27th to 9h. 28th	Temperature (F) Max. 9h.—17h. 28th	Rainfall (in.) Night. 17h. 27th to 9h. 28th	Rainfall (in.) Day. 9h.—17h. 28th	Sunshine (hrs.) Sunrise to 17h. 28th	Sunshine (hrs.) Sunrise to Sunset. 27th
1	Tunbridge W.	osrs	orosc	30	37	Trace	1	0·2	2·2
	Bournemouth	srsrs	o	30	37	2	2	0·0	2·4
	Ventnor ...	rsou	socu	33	36	0·3	0·3	0·4	2·3
	Southsea ...	orsos	oors	33	38	0·5	1	0·0	3·1
	Bognor Regis	ssois	ciso	33	39	0·3	2	0·0	2·5
	Littlehampton	ois	ois	33	39	0·4	3	0·2	3·6
	Worthing ...	os	os,c	33	37	1	2	0·1	3·0
	Brighton ...	csersc	crsc	34	40	0·2	2	0·0	3·6
	Eastbourne† ...	cphrss	soso	36	37	2	4	0·0	2·4
	Hastings† ...	corss	orssc	33	43	2	6	0·1	3·8
	Folkestone ...	chsrc	orsho	32	40	1	5	0·3	2·7
	Dover ...	oihrs	oirs	33	38	3	4	0·0	2·5
	Deal	ebcih	irih	34	39	1	3	0·9	4·0
	Ramsgate ...	bcerh	rhcrc	32	41	0·6	5	2·2	3·0
	Margate ...	csr	cr	32	39	0·3	3	2·8	2·6
2	Southend ...	c	cprc	32	40	-	0·3	1·6	3·8
	Maldon ...	cbcc	orsc	31	40	0·3	1	1·3	3·0
	Clacton-on-Sea	cbccr	cpbcc	33	40	-	Trace	2·8	3·1
	Dovercourt ...	bccrs	bcp	31	37	9	0·3	2·8	3·4
	Lowestoft ...	bccph	oPRS	30	41	1	5	1·0	2·5
	Skegness ...	os,o	cphbc	30	37	2	0·5	0·5	4·5
	Mablethorpe...	oirsc	oishc	30	38	1	1	0·0	2·9
	Cleethorpes ...	bcc	c	31	38	0·3	-	0·4	2·9
3	Leamington S.	o	orsc	30	35	4	0·3	0·0	2·1
4	Cheltenham†	ooss	oso	30	39	4	2	0·0	1·7
5	Bath	ssq	sqc	32	37	5	2	0·0	2·1
	Weymouth ...	qrsc	ccb	32	36	6	0·3	0·5	1·7
	Jersey ...	cor	ro	33	41	3	9	0·0	5·4
	Torquay ...	oqs,o	rsbcq	29	40	4	3	0·6	1·7
	Penzance ...	qcc	cihdc	35	44	1	Trace	2·7	0·8
	St. Ives ...	c	c	31	43	0·3	-	0·7	0·2
	Bude... ...	cprh	cprh	26	44	2	2	0·1	0·3
	Ilfracombe ...	orsr	orobc	36	42	9	1	0·1	0·0
6	Aberystwyth	rcsu	cbbc	32	40	18	1	2·0	0·0
7	Llandudno ...	qos,o	ocbc	31	40	16	Trace	1·9	0·2
	Colwyn Bay...	o	obcbc	31	39	18	-	2·0	0·0
	Rhyl	cs,q	cqbc	32	41	20	Trace	1·2	0·0
8	Wallasey ...	oc	cbc	31	38	14	-	1·0	0·0
	Southport ...	isqoq	oqcbc	31	37	11	Trace	0·6	0·0
	Blackpool ...	oqp	oc	32	37	10	0·1	0·0	0·0
	Morecambe ...	scc	cbcbc	30	38	6	-	1·4	0·0
9	Ilkley... ...	sos	oc	29	33	15	6	0·0	0·0
	Harrogate ...	oqss	pqsoc	30	32	16	9	0·0	0·0
10	Berwick-on-T.	oc	c	33	39	15	-	2·7	0·0
11	Dunbar ...	crs,o	bc	35	38	4	-	5·5	0·0
12	Troon... ...	bcsvc	bc	29	41	1	-	6·1	0·0
	Douglas ...	osq	cb	26	45	16	-	4·2	0·0

† 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. 1st March, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Moderate north or northwest winds, falling light; bright periods but showers of snow or sleet at first; cold; frost at night.
4 W. Midlands ... 5 S.W. England ▲ 6 South Wales ... ▲ 7 North Wales ... ▲ 8 N.W. England ▲ 9 N. Midlands ...	Moderate or fresh north or northwest winds, falling light; bright periods but showers of snow, sleet or rain at first. Local fog at night; cold; frost at night.
10 N.E. England 11 S.E. Scotland ▲	As 1 - 3.
12 S.W. Scotland ▲ & Isle of Man. 13 A. W. Scotld. B.N.W.Scotland ▲ 14 Mid Scotland	Fresh or strong northwesterly winds, moderating; bright periods and showers of snow or sleet; cold; frost at night.
15 N. E. Scotland ▲ 16 Orkney and Shetland ▲	Fresh north or northeast winds, moderating; bright periods but showers of snow or sleet at first; cold; frost at night.
17 N. W. Ireland 18 N. E. Ireland ▲ 19 S. E. Ireland ▲ 20 S. W. Ireland	Fresh northerly winds, falling light but freshening again later from south; fair but cloud increasing later; cold at first but becoming milder later.

GENERAL INFERENCE.

Depressions over Holland and west of Ireland will move southeast. There will be snow showers at first in many places particularly in the east and north. It will be cold with frost at night.

FURTHER OUTLOOK.

Remaining cold in North and East; probably becoming milder in the West.

Time of issue of Gale Warning.

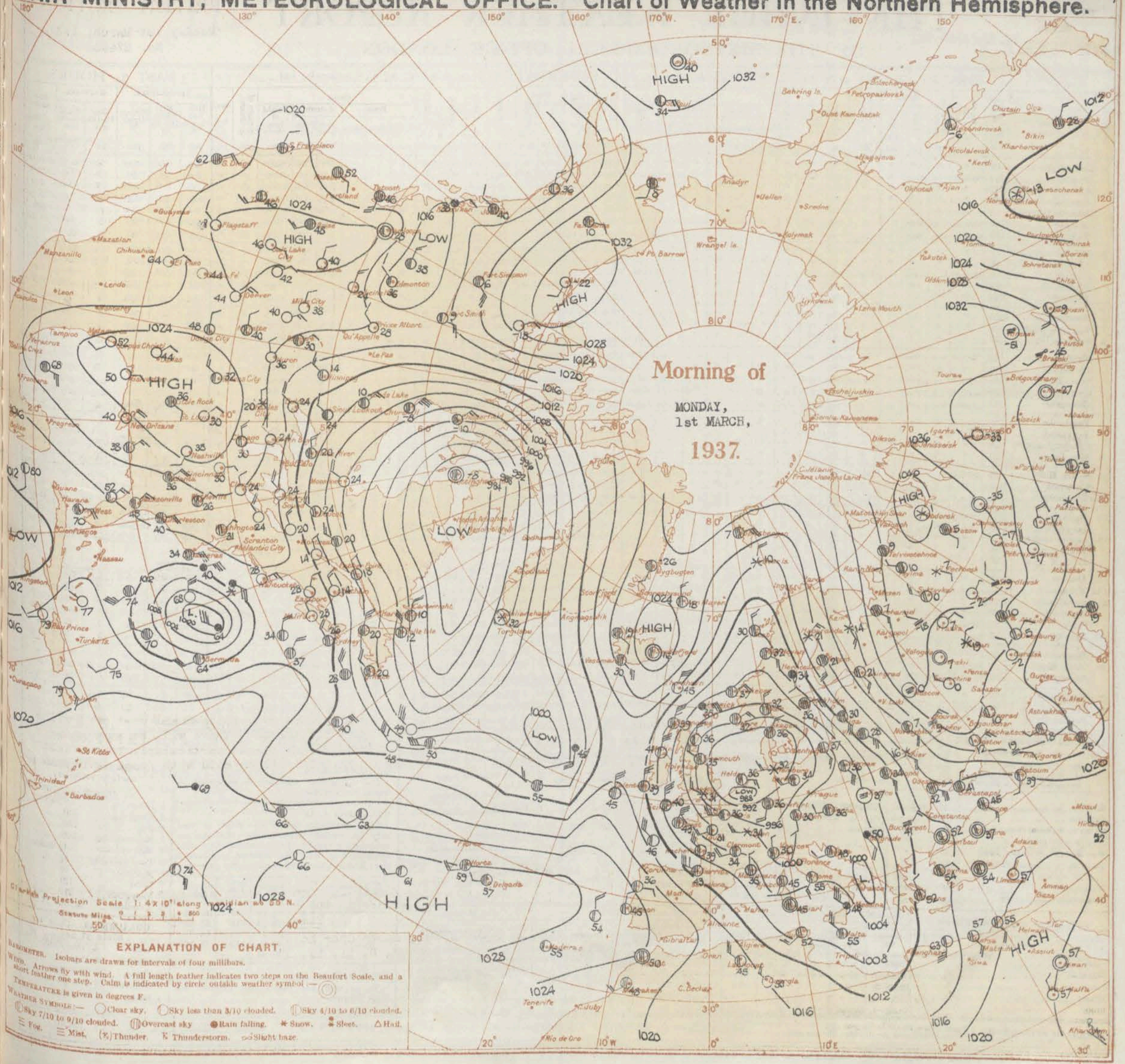
▲ North Cone hoisted at 0800 on 27th in districts 5, 6, 7, 8, 11, 12, 13, 15, 16, 18 and 19.

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, 1st March, 1937.
No. 27493.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	992.8	+16	NW'N	5	Z_o	35	65	6	5	–	–	10	10	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	993.6	+38	NNW	6	c	33	75	7	5	3	–	4.6	7.8	1500
	Manston ...	142	998.3	+30	NW	7	is_o	34	85	5	9	–	–	10	10	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	988.4	+10	NW'N	4	c/r	35	97	7	6	–	–	9	9	1500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	997.3	+16	NNW	6	bc	37	85	7	4	–	–	4.6	4.6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1003.1	0	WNW	7	c/phr	36	65	7	8	7	–	4.6	7.8	1500
	Scilly (St. Mary's)	163	1006.4	+2	NNW	7	bc	39	55	8	8	–	–	4.6	4.6	1500
	Guernsey ..	175	1000.2	+18	NNW	6	q	38	65	7	8	–	–	7.8	7.8	2500
6	Pembroke ...	142	998.3	–8	NW	9	q	38	92	7	8	–	–	4.6	4.6	2500
7	Holyhead ...	26	996.7	+10	N	7	c/pr	38	75	8	9	–	–	7.8	7.8	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	991.8	+10	NW	6	ss	32	97	6	5	–	–	10	10	450
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	9931	+6	NNW	3	bc	32	85	7	2	–	2	4.6	4.6	1500
11	Inchkeith ...	190	996.7	+6	NW	3	c	34	97	8	8	3	–	4.6	7.8	4000
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	998.1	+10	N/E	6	c	37	85	8	9	–	–	7.8	7.8	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1002.8	+2	N	5	bc/s	35	85	8	8	–	–	4.6	4.6	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	996.2	+4	N	6	c	38	92	8	9	6	–	4.6	7.8	1500
16	Lerwick ...	156	996.7	+12	NE	8	c	39	85	8	8	2	–	7.8	10	800
17	Blacksod Point	18	1010.5	0	N'W	7	c9	39	65	7	9	–	–	7.8	7.8	800
18	Malin Head ...	84	1003.5	+10	N	7	c	41	92	7	9	5	–	4.6	7.8	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1013.4	0	N	5	bc	39	85	7	9	–	–	4.6	4.6	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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 (29)	Sea 0–9 * (30)
London (Kew)	995.8	+18	NW	3	ps_o	32	85	6	5	–	–	9+	9+	1500	8	*
Croydon ...	994.8	+14	NW'W	3	is_o	31	92	6	5	–	–	10	10	1500	1	*
S. Farnborough	996.5	+20	NW'W	3	c	32	85	9	5	3	–	7.8	7.8	2500	4	*
Boscombe Down	997.3	+14	NNW	4	bc	31	85	8	5	–	1	4.6	4.6	2500	4	*
Calshot (Sthmtn.)	996.7	+8	NW'W	4	Z_o	33	92	6	8	4	–	2.3	2.3	2500	3	3
Lympne ...	992.4	+12	NW	5	sh	32	75	6	5	–	–	10	10	800	4	3
Manston ...	991.4	+18	NW'W	5	is_o	33	92	5	6	–	–	10	10	800	4	*
Shoeburyness ...	992.8	+18	NW	4	c	33	85	6	5	2	–	9+	10	1500	1	*
Felixstowe ...	992.1	+20	NW'W	4	c	34	97	7	5	4	–	9	9+	1500	4	3
Gorleston ...	992.2	+16	N	4	c	39	85	6	9	3	–	4.6	9	1500	1	2
Mildenhall ...	993.6	+18	NW'N	4	Z_o	32	92	6	5	–	–	9+	9+	1500	4	*
Cranwell ...	996.0	+20	NW	4	c	29	85	7	8	3	–	4.6	7.8	4000	8	*
Birmingham ...	996.5	+16	NNW	4	Z_o	28	85	5	–	7	–	0	2.3	–	7	*
Upper Heyford	997.0	+20	NNW	3	bc	28	92	6	5	–	1	2.3	2.3	4000	4	*
Ross-on-Wye	998.7	+20	N'W	2	b	30	86	8	1	–	1	Tr	1	2500	3	*
Portland Bill ...	996.8	+10	NNW	5	bc	36	92	7	4	–	–	4.6	4.6	2500	2	5
Plymouth ...	1001.4	+18	NW	3	pr_{s_o}	33	97	8	6	1	–	7.8	10	800	1	1
The Lizard ...	1003.4	+6	NW'W	7	q	40	65	8	8	–	–	4.6	4.6	1500	1	4
Scilly (St. Mary's)	1005.8	+2	NNW	7	c/phr	40	65	7	8	–	–	7.8	7.8	1500	1	4
Guernsey ..	999.5	0	NW'N	7	q	39	75	8	8	–	–	7.8	7.8	2500	1	6
Pembroke ...	1000.6	+6	NNW	8	rs	38	85	7	5	2	–	7.8	10	2500	1	5
Holyhead ...	949.8	+16	N'W	7	c	41	75	8	9	7	–	7.8	7.8	2500	1	4
Chester (Sealand)	998.2	+14	NW	3	bc	33	85	7	5	4	–	4.6	4.6	1500	4	*
Manchester ...	998.1	+16	NW	2	Z_o	24	92	5	5	3	–	4.6	7.8	4000	8	*
Spurn Head ...	993.5	0	NW	5	c	34	97	6	5	2	–	4.6	9	1500	8	4
Catterick ...	995.7	+6	NW	3	c	34	85	8	5	7	–	2.3	9	4000	3	*
Tynemouth ...	994.1	+4	NW	3	c	35	85	6	9	–	–	7.8	7.8	1500	1	3
Inchkeith ...	996.8	+2	NW	4	c	38	92	8	8	–	–	9+	9+	4000	0	3
Leuchars ...	995.9	+2	NW	3	c	39	75	8	6	–	–	9+	9+	2500	1	*
Renfrew (Abbots I.)	998.8	+2	WNW	3	bc	34	75	8	5	4	–	4.6	4.6	2500	3	*
Eskdalemuir ...	997.3	+8	NW'N	5	cbc	33	85	8	5	–	–	7.8	7.8	1500	8	*
Point of Ayre...	998.4	+8	N/E	6	bc	39	85	8	–	2	–	–	2.3	–	1	4
Tiree	1003.2	+6	N	8	c/pr	39	92	7	8	–	–	9	9	1500	1	5
Stornoway ...	1005.6	+20	NNE	8	c/rs	39	75	8	8	7	–	4.6	7.8	2500	4	4
Dalwhinnie ...	*	+16	N	6	k/s_o	32	92	7	3	6	–	4.6	10	2500	9	*
Aberdeen ...	998.6	+20	N	3	bc/ps	36	85	8	3	–	–	4.6	4.6	1500	4	3
Wick ...	999.1	+24	NNE	6	c/r	38	92	7	9	2	–	4.6	10	800	6	4
Lerwick ...	1002.0	+40	ENE	7	rr	35	97	7	9	2	–	4.6	10	800	1	*
Blacksod Point	1010.1	0	N	5	bc	40	85	7	9	–	–	4.6	4.6	5700	1	3
Malin Head ...	1004.6	+6	N	6	bc	41	92	7	2	–	–	4.6	4.6	2500	0	9
Aldergrove ...	1002.8	+6	NW'N	4	bc	35	85	8	5	3	–	4.6	4.6	1500	4	*
Birr Castle ...	1007.3	*	NNW	2	bc	31	97	8	5	4	–	2.3	2.3	2500	4	*
Valentia Obsy. †	1012.5	0	N'W	5	bc/ps	39	75	8	8	4	1	4.6	4.6	2500	1	4
Roches Point	1009.1	+4	N	4	b	37	85	8	–	–	–	0	0	–	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)	36	32	29	2	0.2	0.0
Croydon ...	36	31	31	2	Tr	0.0
S. Farnborough	35	30	23	2	Tr	0.0
Boscombe Down	33	30	29	2	–	0.2
Calshot (Sthmtn.)	38	32	30	1	–	0.1
Lympne ...	36	31	27	3	Tr	0.6
Manston ...	39	32	31	2	4	2.7
Shoeburyness ...	40	32	30	0.1	Tr	1.8
Felixstowe ...	41	32	32	0.3	3	1.9
Gorleston ...	41	34	33	6	5	1.3
Mildenhall ...	41	32	29	0.5	0.4	0.7
Cranwell ...	36	28	28	1	3	0.2
Birmingham ...	32	27	24	3	0.1	0.0
Upper Heyford	34	28	25	1	–	*
Ross-on-Wye	37	30	21	3	–	0.3
Portland Bill ...	39	34	*	4	–	*
Plymouth ...	41	33	31	8	3	2.7
The Lizard ...	41	34	*	0.3	0.6	*
Scilly (St. Mary's)	43	39	*	0.6	0.2	6.8
Guernsey ..	40	36	32	6	1	0.0
Pembroke ...	42	32	*	1	3	1.5
Holyhead ...	41	34		0.1	2	1.6
Chester (Sealand)	37	30	25	3	0.3	0.9
Manchester ...	35	22	18	3	–	0.0
Spurn Head ...	38	33	*	0.3	2	0.5
Catterick ...	38	29	22	9	–	0.0
Tynemouth ...	*	31 ~~28~~	28	0.2	–	0.0
Inchkeith ...	38	32	28	–	–	5.6
Leuchars ...	39	31	26	–	Tr	8.2
Renfrew (Abbots I.)	40	32	27	Tr	Tr	~~6.2~~
Eskdalemuir ...	33	26	20	–	–	3.5
Point of Ayre...	39	35	*	–	0.1	0.0
Tiree	39	35	34	0.3	Tr	2.6
Stornoway ...	36	34	*	5	6	1.8
Dalwhinnie ...	30	24	21	3	3	2.7
Aberdeen ...	36	28	25	0.1	2	7.6
Wick ...	36	33	*	1	6	*
Lerwick ...	38	35	*	2	7	6.3
Blacksod Point	42	33	*	2	0.2	*
Malin Head ...	40	37	*	0.6	0.4	2.3
Aldergrove ...	39	32	31	0.1	3	5.4
Birr Castle ...	40	31	27	0.4	0.6	5.2
Valentia Obsy. †	42	35	32	5	2	2.9
Roches Point	42	36	*	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.	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	ssfc	cpscm	cpsm	36	32	29	2	0.2	0.0	*	*	6
Croydon ...	217	c, ss, ss	frs is	cm is	36	31	31	2	Tr	0.0	*	*	4
Greenwich (Royal Observatory) ...	149	ssf	fcms	c	37	32	29	2	–	0.0	82	84	4
City (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	38	32	30			0.0	79	83	*
Regents Pk. (Botanic Gardens)‡ ...	168	*	*	*	36	31	29	2	Tr	0.0	84	99	*
Camden Square ...	110	osc	ccsc	*	36	31	29	2	Tr	*	*	89	*
Kensington ...	80	cors	ors	*	37	32	29	2	0.1	0.0	At 18h. 74	95	*
Hampstead Observatory ...	450	os	c	os	34	26	24	2	0.2	0.0	*	98	*

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.
0.8	12hs 28th	<0.3	1hs 1st	0.2	11h 28th	<0.1	7h 28th

FOREIGN OBSERVATIONS.

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

Stations	Barom. mb.	Wind. Direc.	Wind. Force	Weather	Temp. °F.
Paris ...	988.8	S'W	6	r_o	37
Brussels ...	985.5	S'W	7	o	39
Berlin ...	993.5	o	–	c	46
Zürich ...					
Rome ...	1000.4	WSW	6	o	57

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

Stations	Barom. mb.	Wind. Direc.	Wind. Force	Weather	Temp. °F.
Paris ...	996.3	W	5	c	36
Brussels ...	986.9	W	3	f	34
Berlin ...	993.0	W'S	4	c	34
Zürich ...	1000.0	SSW	2	c	32
Rome ...	1002.7	SW	3	c	55

Past 24 Hours.

Stations	Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris ...	43	34	1	1
Brussels ...	43	34	Tr	0.3
Berlin ...	52	39	–	2
Zürich ...	*	*		–
Rome ...	*	*	–	–

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 2nd March, 1937.
No. 27494.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)	Sunshine 24h. Hrs. (36)
1	London (Kew)	998·0	+4	NW	4	z₀	39	55	6	1	-	7	Tr	9+	2500	0·0
	Croydon ...	997·4	+2	NW'N	4	z₀	38	65	6	-	4	6	0	7·8	-	0·0
	S. Farnborough	998·2	0	NW	4	bc	41	55	7	1	-	9	1	2·3	2500	0·0
	Boscombe Down	999·8	+6	NW	4	bc	37	75	8	7	3	-	4·6	4·6	2500	0·2
	Calshot (Sthmtn.)	1000·0	+10	WNW	5	bc	40	65	8	5	-	4	1	2·3	4000	0·1
	Lympne ...	996·9	+24	NNW	4	c	37	75	6	5	3	-	9	9+	1500	0·6
	Manston ...	995·8	+22	NW'N	5	c	37	85	6	5	-	2	7·8	9	800	2·7
2	Shoeburyness ...	996·3	+8	NW'W	4	c/pr	39	75	6	8	3	-	4·6	7·8	2500	1·8
	Felixstowe ...	995·3	+12	NW'N	4	c	37	75	7	5	3	-	7·8	9	1500	1·9
	Gorleston ...	995·1	+14	NW'N	3	c	41	75	6	8	-	1	4·6	7·8	2500	1·3
	Mildenhall ...	996·1	+2	NW'N	5	z₀	40	75	6	5	-	1	4·6	7·8	2500	0·7
	Cranwell ...	997·1	0	WNW	3	z₀	36	85	6	5	2	-	9+	10	4000	0·2
3	Birmingham ...	998·9	0	WNW	3	ps₀	34	85	5	6	3	-	7·8	9	1500	0·0
	Upper Heyford	999·1	+4	WNW	4	z₀	36	85	6	5	3	9	2·3	7·8	5700	*
4	Ross-on-Wye	999·3	0	WNW	4	bc	42	65	8	7	3	-	1	2·3	4000	0·3
5	Portland Bill ...	1000·5	+16	NNW	4	c	43	75	8	4	-	-	7·8	7·8	2500	*
	Plymouth ...	1003·9	+6	NW	4	c	40	75	8	8	3	-	7·8	7·8	1500	2·7
	The Lizard ...	1005·4	+10	WNW	6	q	43	55	8	3	-	-	4·6	4·6	2500	+
	Scilly (St. Mary's)	1007·2	0	NNW	5	c	43	65	8	8	-	-	7·8	7·8	1500	6·8
	Guernsey ...	1002·0	+12	NNW	5	c	41	55	9	2	-	-	7·8	7·8	2500	0·0
6	Pembroke ...	1003·1	+2	NNW	5	q	42	75	7	5	6	-	4·6	7·8	2500	1·5
7	Holyhead ...	999·9	-2	NW'N	6	c/ph	42	85	8	9	-	-	9	9	2500	1·6
	Chester (Sealand)	998·7	0	NNW	5	pr₀	41	75	7	5	2	-	7·8	10	2500	0·9
8	Manchester ...	997·9	-4	WNW	3	z₀	37	75	5	5	3	-	7·8	10	2500	0·0
10	Spurn Head ...	995·4	0	WNW	5	z₀	36	92	5	5	-	-	10	10	800	0·5
	Catterick ...	995·5	-6	NW	3	c	40	65	8	8	3	-	7·8	7·8	2500	0·0
	Tynemouth ...	992·6	-8	NW	3	c/pr	40	85	7	9	-	-	7·8	7·8	800	0·0
11	Inchkeith ...	998·7	+4	N	6	c	39	92	7	8	-	-	9	9	2500	5·6
	Leuchars ...	999·0	+12	N	3	pr₀	37	92	6	8	2	-	9+	10	1500	8·2
12	Renfrew (Abbotsl.)	1000·7	+6	N	4	bc	43	65	9	2	-	1	4·6	4·6	4000	6·2
	Eskdalemuir ...	996·2	0	N	6	bc	35	92	8	5	-	-	2·3	2·3	1500	3·5
	Point of Ayre...	999·7	+2	N'E	5	bc	43	85	8	2	4	-	2·3	2·3	4000	0·0
13A	Tiree ...	1005·3	+8	N'E	8	c	43	75	7	8	-	-	9	9	1500	2·6
13B	Stornoway ...	1008·3	+4	NNE	8	c	40	65	7	5	7	-	9	9+	2500	1·8
15	Dalwhinnie ...	1003·0	+16	N	5	c	32	92	7	3	6	1	4·6	7·8	2500	2·7
	Aberdeen ...	1000·5	+20	N	2	c/ph	38	85	8	9	-	8	9	9+	1500	7·6
	Wick ...	1003·2	+6	NNE	7	pr₀	38	92	8	9	7	-	7·8	10	800	*
16	Lerwick ...	1003·4	-6	NE	8	c	38	92	7	9	2	-	4·6	10	800	6·3
17	Blacksod Point	1009·5	-8	N'E	5	bc	44	75	8	9	-	-	4·6	4·6	800	*
18	Malin Head ...	1005·9	+2	N	6	c	43	97	7	2	6	-	4·6	9+	2500	2·3
	Aldergrove ...	1002·5	-4	N	5	c	43	75	8	8	-	-	7·8	7·8	1500	5·4
19	Birr Castle ...	1006·7		NW	2	c	43	75	8	8	1	-	7·8	9	2500	5·2
20	Valentia Obsy. †	1010·7	-14	N	5	prs₀	43	75	8	9	1	1	7·8	7·8	1500	2·9
	Roches Point	1007·7	-4	N	5	bc	43	75	9	2	-	3	2·3	4·6	2500	*

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. °F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	998·7	+4	WNW	2	z₀	39	75	5	5	7	-	7·8	9+	2500	1	*
	Croydon ...	998·7	+8	WNW	3	m	39	75	4	5	7	-	7·8	9+	4000	1	*
	S. Farnborough	999·1	+6	WNW	2	z₀	38	75	6	5	3	-	9	9+	4000	1	*
	Boscombe Down	1000·2	+4	W'N	3	c	37	85	7	5	3	-	4·6	7·8	4000	4	*
	Calshot (Sthmtn.)	1000·0	0	W	3	b	40	75	7	5	-	-	1	1	4000	1	2
	Lympne ...	998·9	+12	W'N	2	z₀	37	75	5	5	-	8	9+	9+	5700	1	§ 1
	Manston ...	998·4	+14	WNW	4	z₀	39	75	5	5	2	-	9	10	1500	1	*
2	Shoeburyness ...	998·2	+12	W'N	2	c	38	75	5	8	2	-	9	10	2500	1	*
	Felixstowe ...	997·2	+18	W	3	z₀	37	85	6	5	-	-	10	10	1500	1	2
	Gorleston ...	996·7	+10	W	2	r₀r₀	38	85	5	6	-	-	10	10	2500	1	1
	Mildenhall ...	997·3	+8	W	3	r₀	37	85	5	5	-	-	10	10	2500	1	*
	Cranwell ...	997·0	+4	W	2	m₀	37	85	4	5	-	-	10	10	4000	4	*
3	Birmingham ...	998·0	+2	W	2	c	36	85	5	5	3	-	4·6	7·8	2500	7	*
	Upper Heyford	999·7	+6	WNW	3	bc	36	85	7	5	3	-	4·6	4·6	4000	4	*
4	Ross-on-Wye	999·8	+4	W	2	c	39	75	8	5	-	-	7·8	7·8	2500	1	*
5	Portland Bill ...	1000·7	+6	NW	4	c	43	75	7	8	2	-	7·8	10	2500	1	3
	Plymouth ...	1003·5	+6	NW	3	bc	42	65	7	8	-	1	2·3	2·3	1500	1	1
	The Lizard ...	1003·1	0	WNW	5	bc	41	65	8	8	7	-	4·6	4·6	2500	1	3
	Scilly (St. Mary's)	1006·7	+2	NW'N	5	c	42	55	8	8	7	4	4·6	7·8	1500	1	3
	Guernsey ...	1003·1	+12	NNW	4	c	42	65	7	8	-	-	7·8	7·8	2500	1	4
6	Pembroke ...	1001·7	-2	NW	6	q	42	85	7	8	-	-	9	9	2500	1	3
7	Holyhead ...	1000·2	+6	N'W	6	c	42	75	9	8	-	-	7·8	7·8	2500	1	3
	Chester (Sealand)	998·3	-2	W'N	5	c	41	75	7	5	-	-	10	10	4000	1	*
8	Manchester ...	997·0	-6	WNW	4	z₀	38	75	6	5	-	-	7·8	7·8	2500	6	*
10	Spurn Head ...	995·4	0	WNW	4	c	38	85	6	5	2	-	9	10	1500	1	3
	Catterick ...	996·3	+14	N'E	3	c/d	37	92	6	5	7	-	9	10	1500	1	*
	Tynemouth ...	996·8	+30	NE	5	c/pr	41	75	8	6	2	-	4·6	7·8	800	1	3
11	Inchkeith ...	1001·1	+12	N	4	bc	38	92	8	5	-	-	2·3	2·3	2500	0	3
	Leuchars ...	1000·6	+8	N	3	b	37	85	8	4	6	-	1	1	2500	1	*
12	Renfrew (Abbotsl.)	1002·6	+14	N'W	3	c	39	65	8	5	-	-	7·8	7·8	4000	1	*
	Eskdalemuir ...	999·9	+20	NNE	4	ps	33	97	8	8	-	3	4·6	4·6	800	7	*
	Point of Ayre...	1011·1	+12	NE'N	6	c	41	85	8	8	6	-	4·6	7·8	4000	1	4
13A	Tiree ...	1006·1	+6	N	7	c	40	85	7	8	6	-	9	9	1500	0	6
13B	Stornoway ...	1008·1	+6	NNE	6	c	38	75	7	5	7	-	7·8	9+	2500	1	3
15	Dalwhinnie ...	1003·9	+4	NE	2	SS	31	92	7	6	-	-	10	10	2500	9	*
	Aberdeen ...	999·4	-10	NW'N	4	pr₀	37	85	7	9	-	3	7·8	9	1500	1	2
	Wick ...	1002·4	-6	NNE	8	c	35	85	6	5	2	-	7·8	10	800	1	4
16	Lerwick ...	1002·7	-2	NE	8	c	39	85	7	8	2	-	7·8	10	800	1	*
17	Blacksod Point	1009·2	0	N'E	5	bc	43	65	8	9	-	2	4·6	4·6	1500	1	4
18	Malin Head ...	1005·2	0	N	6	jp	41	97	7	8	-	-	9	9	2500	0	5
	Aldergrove ...	1003·6	+8	N	3	c	40	85	8	4	6	-	7·8	7·8	2500	1	*
19	Birr Castle ...	1006·3		NW	2	c	41	75	8	5	-	-	9+	9+	2500	1	*
20	Valentia Obsy. †	1009·1	-10	NNE	3	c	42	75	8	3	7	6	2·3	7·8	2500	1	3
	Roches Point	1007·2	+2	N	4	c	44	85	8	3	-	3	4·6	7·8	1500	1	3

PAST 24 HOURS.

District	Stations.	Weather. 7h.–13h. 1st (37)	13h.–18h. 1st (38)	18h. 1st to 1h. 2nd (39)	1h.–7h. 2nd (40)
1	London (Kew)	cps₀c	cz₀	cm₀x	cpr₀cm₀
	Croydon ...	cmsₛm	bcmcz₀	cz₀prcps	cm₀
	S. Farnborough	cbcy	bcybmc	h₀m₀bx	cm₀x
	Boscombe Down	bcxbc	bc	bcb	bm₀
	Calshot (Sthmtn.)	bcm₀b	bccb	bbcbx	brbcbm
	Lympne ...	h₀sₛrm	cbcycz₀	cr₀m₀bx	bxcm₀x
	Manston ...	₀sₛcm₀	cbccm₀	obcm₀	ocm₀
2	Shoeburyness ...	p₀cm₀	cbcm₀c	cm₀x	pm₀bc
	Felixstowe ...	cprsₛc	cbccm₀	cm₀c	cbc
	Gorleston ...	c	cph₀r₀	or₀cz₀	cz₀z₀
	Mildenhall ...	cs₀sₛisₛc	cid₀z₀	cz₀om	omcmx
	Cranwell ...	bccs₀s₀	cm₀z₀m	cm₀	cm₀msₛs₀
3	Birmingham ...	bccps₀	cbcc	c	cbcc
	Upper Heyford	bccm₀	cm₀prbc	bccbc	bcbx
4	Ross-on-Wye	bbccbc	bcy	cbcc	bcb
5	Portland Bill ...	c	c	c	cbc
	Plymouth ...	cprs₀	cbc	bccprprc	cbcbxb
	The Lizard ...	cqbcy	bcq	bcprc	cprc
	Scilly (St. Mary's)	cbc, c	cbcy	cbcl	cphrbc
	Guernsey ...	cqphc	c	cbc	cprbc
6	Pembroke ...	cbccq	cpr₀q	cbcqpr₀	bc
7	Holyhead ...	ph₀c	cpr₀bc	cb	bcpr₀
	Chester (Sealand)	cpr₀	cpr₀bcc	c	cr₀r₀
8	Manchester ...	cmcwzps₀	cbccz₀	d₀r₀m₀	m₀r₀s₀
10	Spurn Head ...	ps₀om	₀mpc	pr₀bc	cor₀r
	Catterick ...	cps₀hc	cvcd₀m₀	cm₀r₀sₛbc	bcr₀s₀
	Tynemouth ...	cp₀	cp₀q	coir₀	oir₀
11	Inchkeith ...	cq	cbc	bcdro	oc
	Leuchars ...	cbcwpr₀	cpr₀ps	cpr₀ps₀	c
12	Renfrew (Abbotsl.)	bcv	bcc	cbc	bcc
	Eskdalemuir ...	xps₀bc	s₀sbc		cxcs₀s₀
	Point of Ayre...	bc	bcc	cbcc	cr₀r
13A	Tiree ...	prbco	cjp	cphr₀	c
13B	Stornoway ...	c	cpr₀phr	c	cphr₀
15	Dalwhinnie ...	csk	cis₀	*	skc
	Aberdeen ...	prsph	bcpr₀	prorr	orrc
	Wick ...	cprq	PRSq	irsqc	crrc
16	Lerwick ...	rrirs	cirsh	cirq	crr
17	Blacksod Point	pHq	prcq	pr₀c	pr₀c
18	Malin Head ...	bc	cbc	cpr₀bc	c
	Aldergrove ...	prsₛpr₀	cbcc	cpr₀,b	bbcx
19	Birr Castle ...	bcc	c	cbc	bcx
20	Valentia Obsy. †	phrsprsₛq	cprsₛc	prsₛcbc	bcx
	Roches Point	bbcv	bcvc	cbc	bcx

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

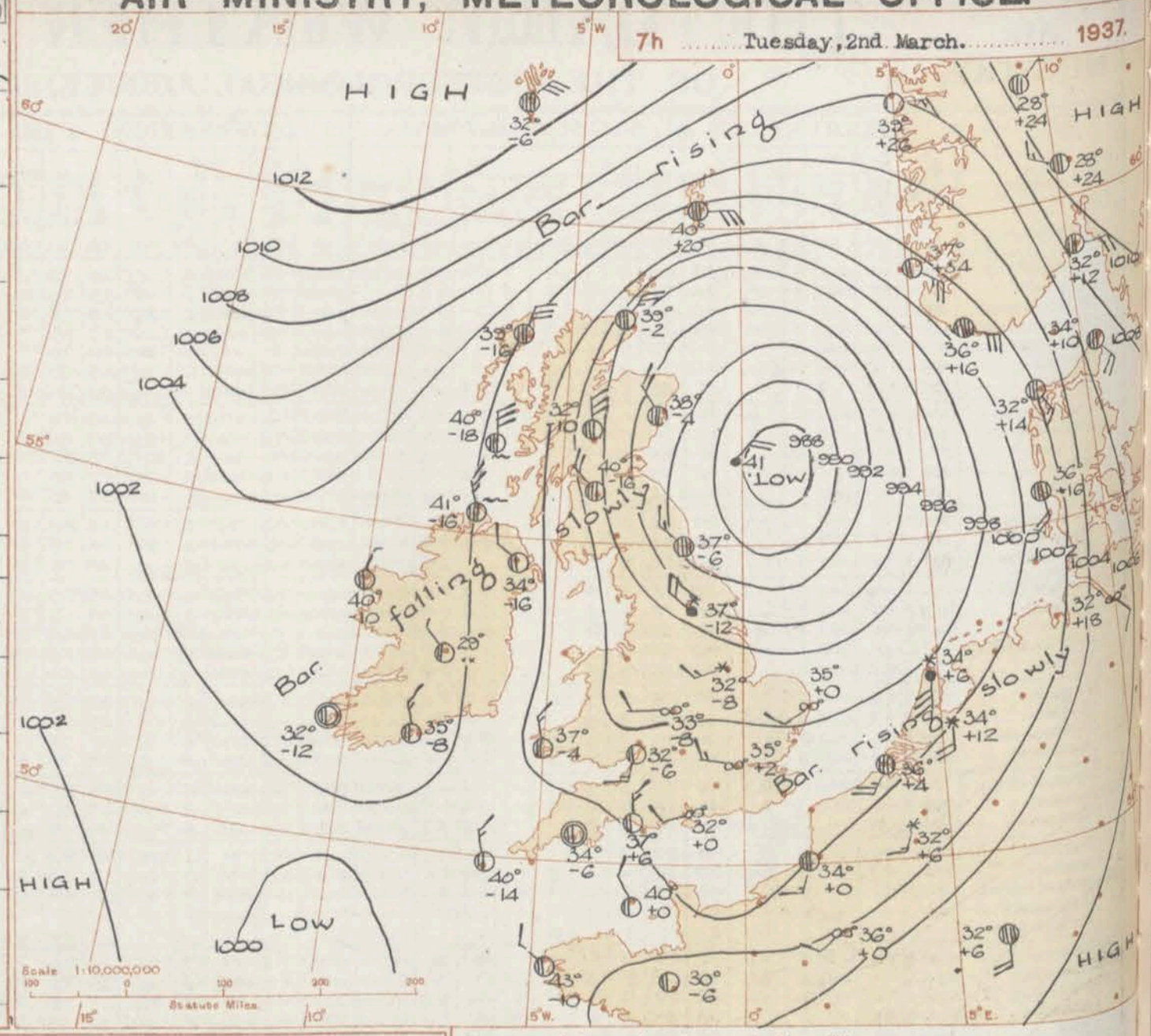
† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for March, 1st 1937.

District	Stations	Weather. Fore-noon.	Weather. After-noon.	Temperature (F) Min. 9h. 28th to 9h. 1st	Temperature (F) Max. 9h.—17h. 1st	Rainfall (mm) Night. 17h. 28th to 9h. 1st	Rainfall (mm) Day. 9h.—17h. 1st	Sunshine (Hrs) Sunrise to 17h. 1st	Sunshine (Hrs) Sunrise to Sunset. 28th
1	Tunbridge W.	oshsc	bcc	31	41	Trace	Trace	2·2	0·2
	Bournemouth	b	bbc	32	44	1	-	8·3	0·0
	Ventnor ...	xbbc	bcu	32	42	-	-	6·9	0·4
	Southsea ...	bcb	bbco	32	42	Trace	-	7·0	0·0
	Bognor Regis	bcebc	bc	30	42	-	-	3·6	0·0
	Littlehampton	cs.c	cbc	31	43	0·1	1	2·3	0·2
	Worthing ...	s.oc	bcbbc	32	42	Trace	Trace	2·3	0·1
	Brighton ...	cbc	bcb	32	42	-	-	3·7	0·0
	Eastbourne† ...	cbc	bccbc	32	43	0·1	-	5·0	0·0
	Hastings† ...	cbcbc	bcc	32	42	1	-	3·0	0·1
	Folkestone ...	xs.oc	cbcco	32	42	0·3	-	3·5	0·3
	Dover ...	oc	cbcco	33	42	4	-	3·3	0·0
	Deal	sco	coc	34	40	4	1	0·6	0·9
	Ramsgate ...	cbc	bcc	32	41	7	-	3·4	2·2
	Margate ...	cbc	bcc	33	40	5	-	2·8	2·8
2	Southend ...	cps.c	cbcco	32	42	-	Trace	3·4	1·6
	Maldon ...	s.cbc	bcco	32	39	Trace	-	2·7	1·3
	Clacton-on-Sea	crsbc	bcc	32	40	1	Trace	2·7	2·8
	Dovercourt ...	roc	bcoc	32	40	1	-	3·0	2·8
	Lowestoft ...	bcbbc	bcc	33	43	5	-	3·6	1·0
	Skegness ...	bcps.	rso	30	39	4	0·5	2·3	0·5
	Mablethorpe...	as.cbcc	cos.c	30	38	5	0·5	1·2	0·0
	Cleethorpes ...	bcrs.	r.c	30	40	4	Trace	1·6	0·4
3	Leamington S.	cbc	bc	29	40	-	-	3·7	0·0
4	Cheltenham†	bccp.	bcrs	29	44	-	Trace	4·5	0·0
5	Bath	bbcc	bbcc	32	44	0·5	-	5·5	0·0
	Weymouth ...	bc	b	32	45	0·3	-	4·8	0·5
	Jersey ...	chqbc	bcrq	34	45	1	0·6	5·9	0·0
	Torquay ...	bbc	cbc	32	44	1	-	7·7	0·8
	Penzance ...	qbcb	bphbc	37	47	1	Trace	8·7	2·7
	St. Ives ...	c	c	37	44	-	-	5·6	0·7
	Bude... ...	scbc	bc	34	43	8	2	3·6	0·1
	Ilfracombe ...	hoc	cpbcc	33	43	4	0·2	2·1	0·1
6	Aberystwyth	prhc	bccpr	33	42	42	[illegible]	4·2	2·0
7	Llandudno ...	cbc	cbc	32	45	3	-	3·4	1·9
	Colwyn Bay...	cbc	c	33	43	6	-	3·0	2·0
	Rhyl	bccr.	cbcc	32	44	2	Trace	4·1	1·2
8	Wallasey ...	b	bbcc	33	42	1	-	3·6	1·0
	Southport ...	bccbc	bcc	28	43	-	-	5·3	0·6
	Blackpool ...	bc	bcc	32	43	-	-	4·3	0·2
	Morecambe ...	bccbc	cbc	31	42	-	-	4·5	1·4
9	Ilkley... ...	c	c	25	40	-	-	1·6	0·0
	Harrogate ...	cbc	bcc	27	39	-	-	2·2	0·0
10	Berwick-on-T.	cp.	ophsc	32	40	0·4	1	1·3	2·7
11	Dunbar ...	cr.	bcrh	33	40	0·5	3	0·1	5·5
12	Troon... ...	bcebc	bcc	30	44	7	-	6·4	6·1
	Douglas ...	cph	bc	32	42	1	-	8·1	4·5

† 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. 2nd March, 1937.
1 S.E. England 2 E. England .... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ...	Light or moderate southwest to west winds; cloudy, rain, sleet or snow at times; rather cold, local frost at night.
8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Moderate northerly or northeasterly winds; cloudy, occasional snow at first; fair periods and showers later; rather cold, frost at night.
13 A. W. Scotld. B. N.W. Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Fresh or strong northerly winds, veering northeast; cloudy at first occasional snow showers, bright periods later; cold, frost at night.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Fresh northerly winds, veering northeast; cloudy with occasional showers or rain, sleet or snow; cold.

C.S.D.

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

GENERAL INFERENCE.

A depression over the North Sea will move southwest or south. There will be periods of rain, sleet or snow in many parts of England but there will be fairer periods in Scotland, though it will be generally rather cold.

FURTHER OUTLOOK.

Further rain or snow probable in the South and West; generally cold.

Forecasts issued at 1015 G.M.T.

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

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 2nd March, 1937.

No. 27494.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud Form Low (9)	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	998.3	-6	WSW	4	c/pc	36	85	5	5	3	-	9	9+	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	999.5	-2	W'S	2	b	31	92	6	5	-	-	1	1	4000
	Manston ...	142	998.6	-2	SSW	3	Z_0	31	92	5	5	-	-	2-3	2-3	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	996.9	0	WSW	2	c	36	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	999.0	-4	NW	3	c	41	85	8	4	-	-	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1002.8	-6	NW'W	3	c	37	85	8	4	-	-	7-8	7-8	2500
	Scilly (St. Mary's)	163	1003.9	-8	NNW	4	bc	42	65	8	2	-	-	4-6	4-6	2500
	Guernsey ..	175	1002.7	-8	WSW	1	bc	40	85	8	8	-	-	4-6	4-6	2500
6	Pembroke ...	142	1001.9	-2	NE'N	2	q	38	85	7	8	6	-	4-6	4-6	2500
7	Holyhead ...	26	1000.8	-2	N	4	bc	40	75	8	2	-	-	2-3	2-3	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	995.3	0	WNW	4	b	36	92	7	-	7	-	0	1	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	994.5	-20	NW	3	r	35	92	6	-	2	-	10	10	800
11	Inchkeith ...	190	994.1	-16	NW	4	o	38	92	8	5	-	-	10	10	1500
	Leuchars ..	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	998.5	-12	N	5	c	40	85	8	2	2	-	1	7-8	4000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1006.3	-18	NNE	6	c	38	75	7	8	7	-	4-6	7-8	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	998.5	-20	N	8	c	40	85	7	9	2	-	7-8	10	800
16	Lerwick ...	156	999.0	-8	NNE	9	ir	40	85	7	8	2	-	4-6	10	800
17	Blacksod Point	18	1007.5	-12	N	3	bc	40	75	8	3	-	-	4-6	4-6	1500
18	Malin Head ...	84	1004.9	-4	N	4	c	41	97	7	2	-	1	4-6	9	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1006.7	-10	E	3	b	38	85	8	-	4	-	0	1	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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 (29)	Sea 0–9 (30)
London (Kew)	998.6	0	WSW	2	Z_0	35	85	6	5	4	1	4-6	4-6	1500	1	*
Croydon ...	998.8	+2	W'N	3	Z_0	35	85	6	6	7	-	7-8	9+	2500	1	*
S. Farnborough	998.8	+2	W'S	1	bc	32	92	6	5	-	1	1	2-3	4000	1	*
Boscombe Down	999.6	0	W'N	2	Z_0	31	92	6	5	-	-	Tr	Tr	2500	4	*
Calshot (Sthmtn.)	1000.0	0	W'S	2	Z_0	32	92	6	1	3	-	Tr	1	4000	3	1
Lympne ...	999.2	+2	WSW	1	Z_0	32	92	6	5	3	-	7-8	9	4000	1	0
Manston ...	998.2	+2	WSW	2	Z_0	33	85	6	5	-	-	9	9	5700	1	*
Shoeburyness ...	998.0	-2	W'S	2	c	35	85	5	2	7	4	2-3	7-8	1500	1	*
Felixstowe ...	997.6	0	SW	3	c	35	92	6	5	3	4	4-6	7-8	2500	1	2
Gorleston ...	997.1	0	WSW	2	c	35	85	5	5	-	-	10	10	2500	1	2
Mildenhall ...	996.8	-4	SW	3	Z_0	33	97	5	-	-	6	0	7-8	-	1	*
Cranwell ...	996.4	-8	WSW	3	sc	32	97	4	-	2	-	10	10	1500	7	*
Birmingham ...	998.1	-8	W	2	c	33	85	5	5	-	-	9+	9+	1500	7	*
Upper Heyford	998.4	-10	WSW	3	c	31	92	7	5	4	6	4-6	7-8	4000	1	*
Ross-on-Wye	998.7	-6	SSW	3	bc	32	85	8	5	7	6	1	4-6	2500	3	*
Portland Bill ...	999.7	+6	N	3	bc	37	92	8	4	-	-	2-3	2-3	2500	1	2
Plymouth ...	1001.1	-6	-	0	bc	34	97	8	9	-	-	2-3	2-3	2500	1	0
The Lizard ...	1001.2	-8	N	2	c	36	85	8	8	-	-	7-8	7-8	2500	1	2
Scilly (St. Mary's)	1001.6	-14	N'W	3	bc	40	75	8	8	4	-	4-6	4-6	1500	1	3
Guernsey ..	1001.2	0	NNW	2	bc	40	75	8	8	-	-	4-6	4-6	2500	1	3
Pembroke ...	999.7	-4	N'W	3	bc	37	85	8	8	2	-	4-6	4-6	2500	1	2
Holyhead ...	998.3	-10	NW'N	5	c	41	85	9	9	-	-	7-8	7-8	2500	1	3
Chester (Sealand)	997.1	-10	WNW	4	r_0r_0	38	85	7	6	2	-	7-8	10	1500	1	*
Manchester ...	996.2	-12	NW'W	4	rs	34	97	6	6	2	-	7-8	10	800	4	*
Spurn Head ...	996.0	-4	WNW	4	r_0r_0	34	97	6	5	-	-	10	10	450	1	3
Catterick ...	992.9	-12	NW	4	rs	37	75	8	5	7	-	4-6	10	1500	1	*
Tynemouth ...	990.9	-6	NW	3	o/r	37	92	6	6	-	-	10	10	800	1	3
Inchkeith ...	994.5	-14	NW	4	c	38	92	8	5	-	-	9+	9+	4000	0	3
Leuchars ..	993.5	-14	NNW	3	c	39	75	9	5	7	-	9	9+	2500	1	*
Renfrew (Abbots I.)	997.6	-16	NW'N	4	c	40	65	8	5	-	-	7-8	7-8	4000	1	*
Eskdalemuir ...	994.2	-6	NNW	5	S_0S_0	33	85	8	-	2	-	10	10	450	8	*
Point of Ayre...	997.5	-16	N	6	r_0r_0	39	88	7	5	-	-	10	10	800	1	3
Tiree	1000.7	-18	N	6	c	40	85	7	8	-	-	9	9	1500	0	5
Stornoway ...	1002.1	-16	NNE	6	c	39	85	7	8	7	-	4-6	9	2500	1	3
Dalwhinnie ...	997.8	-10	N	6	c	32	92	6	6	-	-	10	10	1500	9	*
Aberdeen ...	992.9	-4	NNW	4	jp	38	92	8	8	-	-	9+	9+	1500	1	3
Wick ...	996.0	-2	NNE	5	c/r	39	97	8	9	7	-	7-8	9+	1500	1	3
Lerwick ...	1001.2	+20	E	6	c	40	75	8	5	7	-	4-6	9+	1500	1	*
Blacksod Point	1003.5	-10	N'E	4	bc	40	75	8	4	-	-	4-6	4-6	1500	0	3
Malin Head ...	1002.0	-16	N'W	5	c	41	92	7	8	-	-	9	9	2500	0	4
Aldergrove ...	1000.2	-16	NW	2	bc	34	85	8	-	7	-	0	4-6	-	1	*
Birr Castle ...	1003.7	*	NW	1	bc	29	97	8	5	-	-	2-3	2-3	2500	1	*
Valentia Obsy. †	1003.8	-12	-	0	bc	32	85	8	5	7	2	1	4-6	2500	1	2
Roches Point	1003.2	+8	N'W	3	bc	36	85	8	5	4	-	2-3	4-6	2500	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 mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine ...1st Hrs. (36)
London (Kew)	40	35	29	Tr	0.1	2.3
Croydon ...	41	35	31	Tr	Tr	2.3
S. Farnborough	41	32	23	-	0.1	1.7
Boscombe Down	41	30	27	-	-	7.0
Calshot (Sthmtn.)	42	32	28	-	-	7.1
Lympne ...	41	30	22	Tr	Tr	2.8
Manston ...	41	31	26	0.2	Tr	3.1
Shoeburyness ...	42	34	27	Tr	Tr	2.7
Felixstowe ...	40	35	31	Tr	-	3.0
Gorleston ...	44	34	32	0.1	0.2	3.2
Mildenhall ...	41	32	29	0.1	Tr	1.1
Cranwell ...	38	31	25	0.1	0.3	1.3
Birmingham ...	37	31	28	Tr	-	1.3
Upper Heyford	38	31	25	0.1	-	*
Ross-on-Wye	43	31	17	-	-	6.4
Portland Bill ...	44	35	*	Tr	-	*
Plymouth ...	42	33	28	1	1	5.3
The Lizard ...	44	36	*	-	1	*
Scilly (St. Mary's)	46	39	*	-	1	8.1
Guernsey ..	44	39	31	0.1	0.2	5.5
Pembroke ...	43	31	*	Tr	2	4.6
Holyhead ...	44	39	36	0.12	0.4	5.1
Chester (Sealand)	42	35	30	Tr	Tr	3.2
Manchester ...	39	31	22	0.1	0.2	2.2
Spurn Head ...	39	33.2	*	4	1	0.7
Catterick ...	41	34	30	Tr	1	3.3
Tynemouth ...	*	35	33	0.3	2	2.3
Inchkeith ...	41	35	31	-	2	2.3
Leuchars ..	41	34	28	1	Tr	4.4
Renfrew (Abbots I.)	45	34	29	-	-	3.1
Eskdalemuir ...	38	31	29	2	1	2.3
Point of Ayre...	44	38	*	-	0.1	6.9
Tiree	43	38	37	0.2	Tr	3.9
Stornoway ...	40	35	*	0.1	0.1	1.5
Dalwhinnie ...	32	30	29	3	2	0.4
Aberdeen ...	40	35	34	0.5	6	3.6
Wick ...	40	36	*	4	4	*
Lerwick ...	42	36	*	8	6	0.0
Blacksod Point	45	34	*	1	Tr	*
Malin Head ...	43	40	*	-	Tr	2.1
Aldergrove ...	45	33	29	0.2	Tr	7.6
Birr Castle ...	44	29	22	-	-	4.5
Valentia Obsy. †	46	32	24	0.6	0.2	5.9
Roches Point	46	34	*	-	-	*

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	cps₀c	cz₀	cpr₀cm₀	40	35	29	Tr	0.1	2.3	*	*	6
Croydon	217	cm₀s₀sn	bcm₀cz₀	cm₀	41	35	31	Tr	Tr	2.3	*	*	6
Greenwich (Royal Observatory)...	149	nsc	c	cdbm	40	34	28	Tr	Tr	1.2	67	81	4
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	2.2	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	42	34	29			2.3	75	83	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	40	32	31	Tr	-	2.0	69	81	*
Camden Square	110	csc	cbcc	*	41	35	28	Tr	-	*	*	82	*
Kensington	80	bcc	c	*	41	35	26	-	-	2.2	At 18h. 76	82	*
Hampstead Observatory	450	os	bcos	bc	39	31	26	-	0.2	2.3	*	87	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

	Max.	Time	Min.	Time
South Kensington.	0.6	18h–20h 1st	<0.3	2–4h 2nd
Kew Observatory.	0.5	12h 1st	0.1	2h 2nd

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. March 1st. Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. March 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	1001.5	WNW	3	c	36	1002.x	SW	2	Z_0	36	41	34	-	0.6
Brussels	997.2	x	x	o	x	1000.9	S'W	3	S_0S_0	32	x	30	x	0.1
Berlin	1002.3	SSW	3	b	37	1008.3	-	0	m	30	41	30	-	-
Zürich	1005.4	W	1	c	36	1007.4	SE	1	Z_0	28	*	*	0.1	-
Rome	999.9	NE	2	c	45	1000.3	N	2	c	41	-	x	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.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 3rd March, 1937.
No. 27495.

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud Form Low (9)	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)	998·6	-2	W'S	3	pr	42	55	8	8	1	-	2-3	9+	2500
	Croydon ...	998·3	-2	W'S	4	c	43	55	6	1	7	-	4-6	9+	4000
	S. Farnborough	998·8	-2	SW'W	3	c	43	55	7	7	7	2	4-6	9+	4000
	Boscombe Down	998·9	-6	W	3	c	44	65	7	8	7	-	7-8	7-8	2500
	Calshot (Sthmtn.)	999·9	-2	SSW	3	c	45	65	7	8	4	1	7-8	7-8	4000
	Lympne ...	999·6	+2	SSW	4	bc	43	55	7	8	-	-	4-6	4-6	2500
	Manston ...	998·7	0	SW	2	c	43	65	7	8	-	5	7-8	7-8	2500
2	Shoeburyness ...	998·5	0	WSW	3	c	45	55	6	2	7	-	1	9	4000
	Felixstowe ...	997·7	-2	SSW	3	zo	42	65	6	5	3	-	9	9+	1500
	Gorleston ...	997·8	+2	SSW	4	c	41	85 (red 65)	6	8	-	-	9+	9+	2500
	Mildenhall ...	997·3	+2	SW	4	roro	38	85	6	6	-	-	10	10	800
	Cranwell ...	995·8	0	SW	3	dodo	36	92	6	6	2	-	9+	10	1500
3	Birmingham ...	997·7	0	WSW	2	s	36	85	5	6	2	-	4-6	10	1500
	Upper Heyford	998·0	-4	W	3	iro	40	75	7	5	2	-	7-8	10	1500
4	Ross-on-Wye	998·1	-4	W'S	3	c	42	65	9	6	1	-	1	9+	2500
5	Portland Bill ...	999·9	+4	N	3	bc	43	92	8	4	-	-	4-6	4-6	2500
	Plymouth ...	1000·5	-6	SW'W	1	bc	44	65	8	2	4	-	4-6	4-6	2500
	The Lizard ...	1000·1	-8	SE'S	1	bc	47	65	8	2	6	1	2-3	2-3	2500
	Scilly (St.Mary's)	1000·7	-8	E'N	1	c	44	65	8	2	6	-	4-6	7-8	2500
	Guernsey ...	1000·8	-4	N	1	bc	46	55	9	1	-	-	2-3	2-3	2500
6	Pembroke ...	999·3	-4	WNW	3	bc	43	65	8	8	6	-	4-6	4-6	4000
7	Holyhead ...	997·0	-4	NW	4	c/pr	42	85	8	2	2	-	7-8	10	2500
	Chester (Sealand)	996·4	-4	W'N	3	roro	40	85	7	-	2	-	10	10	1500
8	Manchester ...	995·4	-2	NW'W	3	iro	38	92	6	6	2	-	4-6	10	800
10	Spurn Head ...	993·7	0	WSW	4	c	37	97	6	5	2	-	7-8	10	1500
	Catterick ...	993·0	0	W'N	3	c	39	85	8	5	7	-	7-8	9+	2500
	Tynemouth ...	991·4	-6	NW	3	c	40	85	7	2	-	-	7-8	7-8	1500
11	Inchkeith ...	992·8	-16	NW	4	c	43	85	8	8	-	-	9+	9+	4000
12	Leuchars ...	991·6	-14	N	3	c	44	65	8	5	7	-	7-8	9	2500
	Renfrew (Abbots I.)	994·9	-10	NW'W	4	c	44	65	9	5	4	1	7-8	9	4000
	Eskdalemuir ...	993·3	-4	NW'W	4	c	36	85	6	5	-	-	9	9	1500
	Point of Ayre ...	996·1	-8	N'W	4	c	43	92	8	8	1	-	1	10	1500
13A	Tiree ...	997·7	-14	N	6	c	43	75	8	8	-	-	9+	9+	1500
13B	Stornoway ...	999·1	-10	NE	5	bc	43	75	8	5	6	-	4-6	4-6	2500
15	Dalwhinnie ...	995·4	-8	N	3	c	32	97	7	3	6	-	4-6	10	2500
	Aberdeen ...	990·8	-6	NNE	4	c/pr	41	85	7	9	-	-	7-8	7-8	1500
	Wick ...	995·7	0	ENE	6	c/phr	41	97	8	9	7	-	7-8	9	1500
16	Lerwick ...	1002·8	+8	E	6	c	35	75	8	8	2	-	7-8	10	1500
17	Blacksod Point	1002·6	-8	N	3	c	43	65	8	5	-	-	9	9	1500
18	Malin Head ...	999·2	-12	N	4	c	42	97	7	2	6	-	4-6	7-8	2500
	Aldergrove ...	997·4	-14	NNW	4	c	43	75	8	5	3	1	9	9+	2500
19	Birr Castle ...	1001·3	*	NNW	1	bc	43	55	8	8	-	-	4-6	4-6	4000
20	Valentia Obsy. †	1001·9	-8	NE	3	bc	44	65	8	2	3	-	2-3	2-3	2500
	Roches Point	1001·2	-6	N'E	3	bc	42	75	8	1	-	-	4-6	4-6	2500

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

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)
London (Kew)	999·5	+10	WSW	1	iro	41	85	5	6	2	-	10	10	1500
Croydon	999·2	+10	SSW	3	iro	41	65	6	5	2	-	9	10	4000
S. Farnborough	999·2	+6	SW'W	2	c/rs	41	75	6	5	2	-	4-6	9+	2500
Boscombe Down	999·5	+8	W	3	c	39	85	7	5	7	9	4-6	9	4000
Calshot (Sthmtn.)	999·8	+2	SW'S	3	c	42	75	7	8	7	-	4-6	9+	4000
Lympne	1000·8	+10	SW'S	3	c	37	75	8	5	7	-	Tr	9	4000
Manston	1000·1	+10	SSW	3	c	38	75	7	8	7	-	2-3	10	4000
Shoeburyness	999·6	+8	WSW	2	iro	41	75	6	6	2	-	7-8	10	1500
Felixstowe	999·6	+12	S'W	3	zo	41	75	6	5	2	-	9+	10	1500
Gorleston	999·1	+8	S	3	c/pr	40	92 (red 75)	6	8	-	-	9+	9+	2500
Mildenhall	998·5	+10	SW'S	3	roro	39	92	6	6	2	-	7-8	10	1500
Cranwell	996·5	+8	WSW	3	roro	37	92	5	6	2	-	9	10	1500
Birmingham	998·2	+4	WSW	3	roro	37	85	5	6	2	-	4-6	10	800
Upper Heyford	998·8	+6	SW	3	c	38	85	7	5	7	-	4-6	7-8	2500
Ross-on-Wye	998·4	0	SW'W	2	bc	39	75	8	4	5	1	Tr	4-6	2500
Portland Bill	999·0	-4	WSW	3	c	43	75	8	4	4	-	4-6	7-8	2500
Plymouth	999·6	-2	SW'W	2	bc	43	65	8	8	3	-	4-6	4-6	4000
The Lizard	999·6	+2	-	0	bc	43	75	8	8	6	-	4-6	4-6	2500
Scilly (St.Mary's)	999·6	+2	NE	2	c	40	75	8	2	6	5	4-6	7-8	2500
Guernsey	1001·2	0	-	0	bc	42	75	7	1	2	-	2-3	4-6	2500
Pembroke	998·2	-2	WNW	2	bc	40	75	8	5	7	1	2-3	4-6	4000
Holyhead	996·1	-6	W'N	5 (red 4)	jp	43	85	8	8	7	-	9	9	2500
Chester (Sealand)	996·4	+2	W	3	roro	38	85	6	6	2	-	7-8	10	2500
Manchester	995·8	+6	WSW	2	zo	39	92	6	8	3	-	9+	10	1500
Spurn Head	995·1	+10	SW	3	iro	36	97	6	5	-	-	10	10	1500
Catterick	993·7	+6	WSW	3	c	38	75	8	5	-	-	9+	9+	5700
Tynemouth	991·7	0	W	3	bc	42 (red 40)	75	6 (red 7)	2	6	-	4-6	4-6	1500
Inchkeith	992·8	0	NW	3	c	40	92	8	8	-	-	9+	9+	4000
Leuchars	992·0	+6	N	2	c/pr	40	85	8	8	3	-	7-8	9+	2500
Renfrew (Abbots I.)	994·1	-6	NW'W	2	c	41	65	8	4	-	-	9	9	4000
Eskdalemuir	993·0	-4	W'S	1	c	35	85	7	5	-	1	7-8	7-8	1500
Point of Ayre	994·6	-6	N'W	3	c	43	92	8	8	2	-	2-3	9	1500
Tiree	996·1	-4	NE	5	bc	43	75	8	2	6	9	2-3	2-3	2500
Stornoway	999·3	+4	ENE	5	bc/pr	40	85	8	8	7	3	4-6	4-6	2500
Dalwhinnie	995·1	+2	NE	2	c	33	97	6	5	-	-	10	10	2500
Aberdeen	992·8	+14	NE'E	4	c/pr	39	85	7	9	-	-	7-8	7-8	1500
Wick	996·7	+8	ENE	7	c/pr	41	85 (red 97)	8	9	1	-	7-8	9	1500
Lerwick	1003·2	+4	E	6	c	39	85	7	8	7	-	4-6	9+	1500
Blacksod Point	1001·9	-6	NW	3	bc	40	85	8	3	-	-	2-3	2-3	1500
Malin Head	996·4	-12	NNW	4	phr	42	97	7	9	-	-	7-8	7-8	2500
Aldergrove	996·0	-6	NW	3	c/pr	39	92	7	9	3	1	9+	9+	1500
Birr Castle	999·8	*	NNW	1	c	41	75	8	5	-	-	9+	9+	4000
Valentia Obsy. †	1001·5	+2	-	0	b	41	65	9	1	-	1	Tr	Tr	2500
Roches Point	1000·3	-2	N	3	bc	43	75	8	5	-	-	2-3	2-3	2500

PAST 24 HOURS.

Stations	State of Ground 0-9 (29)	Sea 0-9 (30)	Weather 7h.—13h. 2nd (37)	Weather 13h.—18h. 2nd (38)	Weather 18h. 2nd to 1h. 3rd (39)	Weather 1h.—7h. 3rd (40)
London (Kew)	1	*	bcc pro	cpro cro	roro iro	iro cmo
Croydon	1	*	cmo bczoy	czo yiro	roro rrc	cmo
S. Farnborough	1	*	bmo bccy	ciro c	ciro cmo	cmo w
Boscombe Down	1	*	bmo, c	c	cbc	bcc
Calshot (Sthmtn.)	1	1	bmo bc	bcc	cbcb	bxbccmo
Lympne	1	§ 2	cbbczoy	bcyc	c	cPHRirc
Manston	1	*	cbczoc	cbcc	c	ccroro
Shoeburyness	1	*	bccyzo	moiro c	moiro c	c
Felixstowe	1	2	bcmo	cmo	cprso c	c
Gorleston	1	2	czo bc	cpro	cpro o	oczo
Mildenhall	1	*	rso ido cro	ciro roro	roro cmo	cmo
Cranwell	1	*	soso rso rodo d	dodo roro	cmo roro	cmo ro x
Birmingham	6	*	ciro so	oiro o	oro c	cbcc
Upper Heyford	1	*	bccis ro	ciro	cbcmo c	cmo
Ross-on-Wye	1	*	bcc	cpo bc	bcc	cc
Portland Bill	1	2	bc	bcc	cbc	bcc
Plymouth	1	0	bbcmo bc	bccphro bc	bc	bccido ro
The Lizard	1	1	cbc	bc	bcx	bcx
Scilly (St.Mary's)	1	2	bcc	c	bc	cbcx
Guernsey	1	2	bc	bc	bcw	bcw
Pembroke	1	1	bc	bc	cbc	c
Holyhead	1	2	proc	cpro (red)	proc	proc
Chester (Sealand)	1	*	crr roro m	croro rrmo	crr PRmo	c
Manchester	1	*	croso iro	ciro cmo	ciro prc	ciro c
Spurn Head	1	2	rprc	cppro	o	oc
Catterick	1	*	roso iro c	c	bc	bccro cw
Tynemouth	1	2	oiro c	cbc	o	o
Inchkeith	0	2	c	c	c	xz
Leuchars	1	*	c	cpro	ccro c	ro c
Renfrew (Abbots I.)	1	*	bc	cbcyc	cbc	bccmo
Eskdalemuir		*	cso so c	cbcc	[illegible]	[illegible]
Point of Ayre	1	3	roro	oc	c	cpro
Tiree	0	4	cpro	cbc	bc	bc
Stornoway	1	3	ciro bl	bcpro q	bccpr	cpr
Dalwhinnie	9	*	ciso	cis	*	cisc
Aberdeen	1	3	bccpro	cpro	cpr ro	ro cpr
Wick	1	4	cphrq	cpr	cphr	cphr
Lerwick	1	*	cpro	cprsh	cpro mo	c
Blacksod Point	1	2	c	pro c	pro c	pro c
Malin Head	0	3	cbc	cbccphro	cprbcc	c
Aldergrove	1	*	bcmo c	phrpro	ccpro c	c
Birr Castle	1	*	bc	bcc	cbc	bcx
Valentia Obsy. †	1	1	bcxbc	bcc bcb	bwbx	bxcx
Roches Point	1	3	bcxbc	bc	bcbx	bxbc

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_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 (Nc).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac in several layers generally associated with fibrous veils and a chaotic appearance of the sky.

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

COLUMN 29.—STATE OF GROUND.

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

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

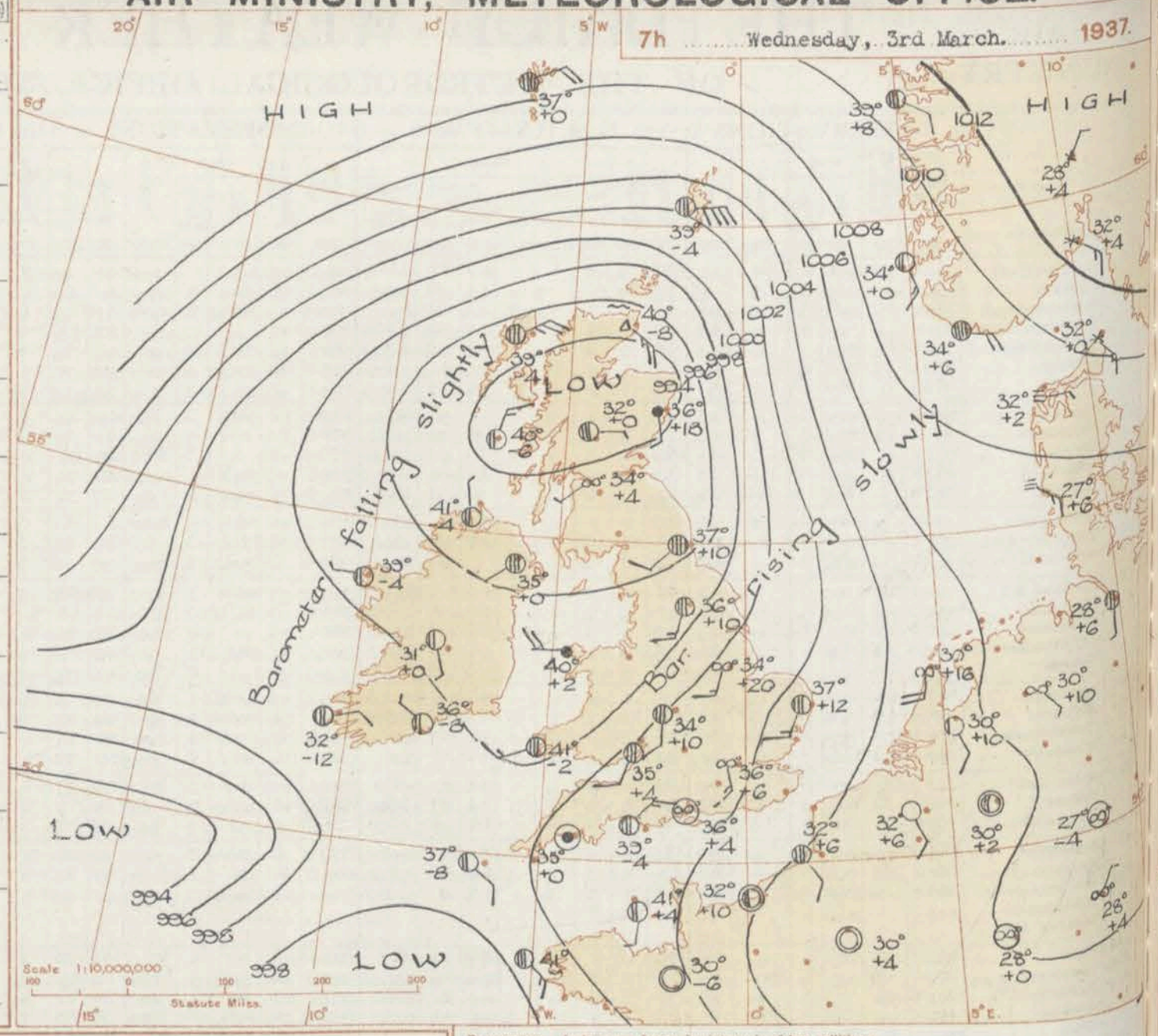
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 2nd March 1937.

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature (F) Min. 9h. 1st to 9h. 2nd	Temperature (F) Max. 9h.—17h. 2nd	Rainfall (mm) Night. 17h. 1st to 9h. 2nd	Rainfall (mm) Day. 9h.—17h. 2nd	Sunshine (Hrs) Sunrise to 17h. 2nd	Sunshine (Hrs) Sunrise to Sunset. 1st
1	Tunbridge W.	bbc	bcc	29	45	Trace	-	6·5	2·2
	Bournemouth	b	bcco	31	46	-	-	5·2	8·3
	Ventnor ...	xb	bbc	33	45	-	-	8·4	6·9
	Southsea ...	b	bbcc	32	47	-	-	6·8	7·0
	Bognor Regis	b	bbcc	32	46	-	-	7·0	3·6
	Littlehampton	bbc	bcc	32	44	-	-	8·0	2·3
	Worthing ...	b	bbc	33	45	-	-	8·0	2·3
	Brighton ...	cb	b	33	44	-	-	8·0	3·7
	Eastbourne† ...	b	bbcy	34	45	Trace	-	8·0	5·0
	Hastings† ...	bcbc	bcbc	32	45	Trace	-	8·1	3·0
	Folkestone ...	xcbcb	bbcc	32	45	-	-	7·1	3·5
	Dover ...	ybc	bcy	34	45	-	-	8·0	3·3
	Deal	b	cbc	35	46	-	-	6·9	0·6
	Ramsgate ...	bcb	bbcc	34	45	-	-	6·7	3·4
	Margate ...	bc	bcc	34	45	-	-	5·0	2·8
2	Southend ...	b	bcor.	33	45	Trace	Trace	3·1	3·4
	Maldon ...	bbcc	cdo	34	42	-	Trace	2·6	2·7
	Clacton-on-Sea	bc	bcc	33	43	-	-	2·8	2·7
	Dovercourt ...	xbc	bco	33	43	-	-	3·3	3·0
	Lowestoft ...	bcbc	bcc	34	42	0·5	-	3·7	3·6
	Skegness ...	os.o	ogr.	31	38	2	2	0·0	2·3
	Mablethorpe...	or.m.	ors g	31	38	0·5	0·5	0·0	1·2
	Cleethorpes ...	ors	or	32	38	2	1	0·0	1·6
3	Leamington S.	oc	co	30	42	0·4	-	0·0	3·7
4	Cheltenham†	cis.c	c	29	42	Trace	Trace	0·0	4·5
5	Bath	bbc	bcc	30	46	-	-	6·1	5·5
	Weymouth ...	b	b	30	48	-	-	9·4	4·8
	Jersey ...	hqcbc	bc	37	48	5	-	8·7	5·9
	Torquay ...	wb	cbc	31	48	0·4	-	6·9	7·8
	Penzance ...	cbc	cbc	37	49	1	-	2·7	8·7
	St. Ives ...	c	c	39	46	0·3	-	2·9	5·6
	Bude... ...	bc	bc	33	44	4	-	7·9	3·6
	Ilfracombe ...	pcbc	bcbbc	37	45	1	-	7·9	2·1
6	Aberystwyth	p.o.c	bcc	30	43	0·5	-	2·9	4·2
7	Llandudno ...	o	oirc	38	42	0·2	3	0·0	3·4
	Colwyn Bay...	op	opc	37	41	0·3	2	0·0	3·0
	Rhyl	crd.c	cror	38	41	0·1	4	0·0	4·1
8	Wallasey ...	rro	oirc	37	41	2	1	0·0	3·6
	Southport ...	rsr.c	cp.	35	41	[illegible]	1	0·0	5·3
	Blackpool ...	oc	oc	37	41	0·5	0·5	0·1	4·3
	Morecambe ...	c	dbbcc	35	42	0·3	Trace	0·5	4·5
9	Ilkley... ...	prs	oc	32	40	2	1	0·7	1·6
	Harrogate ...	ocss.	c	32	37	1	1	0·1	2·2
10	Berwick-on-T.	c	r.c	35	41	6	0·1	0·1	1·3
11	Dunbar ...	bcr.	bcpr.	35	42	3	Trace	0·7	0·1
12	Troon... ...	xoc	bcb	37	46	-	-	1·9	6·5
	Douglas ...	cirs	cirsr	34	42	1	1	0·3	8·1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 3rd March, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	**Freshening southeast or east winds, increasing to strong at times** in exposed places, becoming cloudy or dull with rain at times; average temperature but becoming rather cold.
5 S.W. England ▲ 6 South Wales ... ▲	Freshening southeast winds, a gale at times in exposed places, backing east or northeast; cloudy or dull with rain at times; average temperature.
7 North Wales ▲ 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Light variable winds, becoming east or northeast; cloudy, dull at times with occasional showers, local fog at night; average temperature, becoming rather cold.
13 { A. W. Scotld B.N.W.Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Fresh east or northeast winds, fair periods and showers of rain, sleet or snow; average temperature, becoming rather cold.
17 N. W. Ireland 18 N. E. Ireland	As 7 - 12.
19 S. E. Ireland ▲ 20 S. W. Ireland ▲	East or northeast winds, cloudy, dull at times with rain at first, becoming fairer later; average temperature.

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

C.S.D.

GENERAL INFERENCE.

A depression over Scotland is filling up and another deep depression southwest of Ireland will move east. There will be periods of rain in the South but in the North it will be mainly fair apart from local showers. It will tend to become rather colder.

FURTHER OUTLOOK.

Rainy in the South, fair periods and snow showers in the North; probably colder.

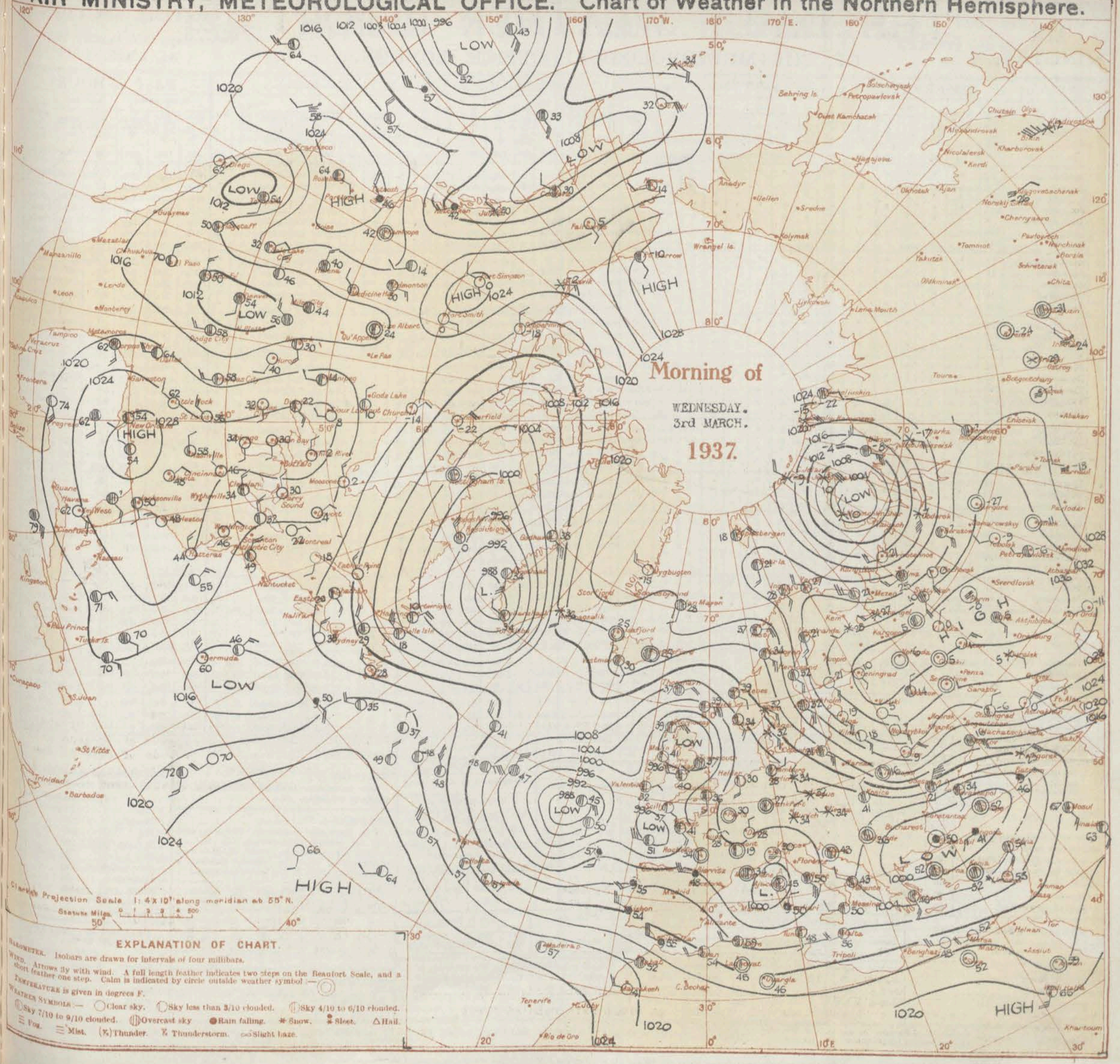
Times of issue of Gale Warnings.

▲ North cone hoisted at 0900 on 3rd in districts 5,6,7 (part of), 19 and 20.

Forecasts issued at 10.30 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

Wednesday, 3rd March, 1937.

No. 27495.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	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	1000·9	+6	SW	3	Z_0	38	86	6	–	7	–	0	10	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1002·5	+4	WS	2	c	37	85	6	8	–	–	9+	9+	2500
	Manston ...	142	1001·8	+6	SW	1	c	36	85	7	–	3	–	0	10	–
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1001·5	+4	SSW	2	0	37	92	6	6	–	–	10	10	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1000·8	+8	NW	3	bc	39	92	8	4	–	–	4-6	4-6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1000·4	0	N	1	bc	37	75	8	8	–	–	4-6	4-6	2500
	Scilly (St. Mary's)	163	1000·9	+6	–	0	bc	38	75	8	5	–	–	2-3	2-3	2500
	Guernsey ..	175	1001·5	+4	–	0	bc	35	97	7	–	1	–	0	2-3	–
6	Pembroke ...	142	998·5	0	WN	3	bc	42	65	8	5	–	–	4-6	4-6	2500
7	Holyhead ...	26	996·3	0	WN	4	c	42	92	8	7	–	–	10	10	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	999·1	+12	SSW	4	0	37	97	6	5	–	–	10	10	1600
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	994·2	+10	SW	2	0	38	85	6	5	–	–	10	10	800
11	Inchkeith ...	190	992·8	+4	SW	3	c	38	92	8	5	–	–	10	10	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	994·3	0	WS	3	c	40	97	8	4	–	–	9	9	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	998·4	-10	NE	5	c/pr	39	85	7	8	7	–	7-8	9	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	994·5	-2	SE	5	c/phr	39	97	7	9	7	–	7-8	10	1500
16	Lerwick ...	156	1003·0	+2	E	7	c/pr	40	85	6	9	2	–	9	10	450
17	Blacksod Point	18	999·8	-14	W	3	bc	40	85	8	9	–	–	4-6	4-6	1500
18	Malin Head ...	84	999·9	-4	N	3	bc	41	92	7	5	–	–	4-6	4-6	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1000·5	0	–	0	b	34	92	6	–	–	–	0	0	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud Form Low (23)	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)	1002·0	+6	–	0	Z_0	35	92	6	5	7	–	2-3	10	1500	1	*
	Croydon ...	1001·5	+6	SSE	3	Z_0	36	85	6	5	7	–	Tr	9+	4000	1	*
	S. Farnborough	1002·1	+10	SE	1	Z_0	33	92	5	–	9	–	0	9	–	1	*
	Boscombe Down	1001·3	+6	SE'E	1	Z_0	33	97	6	5	7	–	4-6	10	4000	1	*
	Calshot (Sthmtn.)	1001·5	+4	–	0	Z_0	36	97	6	8	7	–	4-6	9+	1500	1	0
	Lympne ...	1003·3	+6	WSW	1	c	39	85	7	8	7	–	2-3	9+	2500	1	2
	Manston ...	1002·7	+6	SE'E	2	c/r	38	85	7	5	2	–	9+	9+	4000	1	*
2	Shoeburyness ...	1002·2	+8	S	3	c	40	85	8	8	7	–	4-6	10	2500	1	*
	Felixstowe ...	1002·8	+8	ESE	4	c	39	85	8	8	7	–	9	10	2500	1	3
	Gorleston ...	1002·7	+12	S'W	3	c	37	85	6	5	–	–	9+	9+	2500	1	2
	Mildenhall ...	1001·5	+14	S'E	3	Z_0	38	85	6	5	–	–	10	10	2500	1	*
	Cranwell ...	1000·0	+20	SSW	3	Z_0	34	85	6	5	7	–	1	10	4000	1	*
3	Birmingham ...	1000·4	+10	S	2	c	34	85	6	–	7	–	0	9+	–	4	*
	Upper Heyford	1001·2	+10	SSE	1	Z_0	32	97	6	5	1	–	2-3	9+	5700	1	*
4	Ross-on-Wye	1000·2	+4	S'W	2	c	35	85	7	5	7	–	4-6	9	2500	1	*
5	Portland Bill ...	1000·8	-4	NE	3	c	39	92	8	4	–	–	7-8	7-8	2500	1	2
	Plymouth ...	1000·3	0	–	0	ir_0	35	92	8	6	1	–	9+	10	800	1	0
	The Lizard ...	999·3	-4	NE'N	1	bc	37	85	8	8	–	–	4-6	4-6	2500	3	2
	Scilly (St. Mary's)	999·3	-8	ESE	2	bc	37	85	8	8	4	5	2-3	4-6	2500	3	1
	Guernsey ..	1001·3	+4	S	1	bc	41	85	9	1	1	–	2-3	4-6	2500	1	2
6	Pembroke ...	997·7	-2	WSW	3	c	41	75	8	8	6	–	7-8	9+	2500	1	2
7	Holyhead ...	996·8	+2	W	4	pr_0	40	92	8	9	7	–	4-6	10	2500	1	2
	Chester (Sealand)	997·6	+6	SSE	2	c	38	85	7	5	–	–	9+	9+	4000	1	*
8	Manchester ...	998·0	+6	S	3	c	37	92	7	5	2	–	7-8	10	2500	1	*
10	Spurn Head ...	999·5	+6	S	4	c	36	97	6	5	2	–	7-8	9+	2500	0	3
	Catterick ...	996·8	+10	S'E	3	c	36	92	7	5	3	–	4-6	7-8	2500	1	*
	Tynemouth ...	995·5	+10	SW	2	o	37	92	6	3	–	–	10	10	800	1	2
11	Inchkeith ...	993·5	+2	SW	2	m	37	97	4	5	–	–	10	10	800	0	2
	Leuchars ...	993·4	+10	SW	1	c	36	85	8	5	–	–	10	10	2500	1	*
12	Renfrew (Abbots I.)	994·5	+4	SW'W	1	Z_0	34	85	6	5	–	–	9+	9+	2500	1	*
	Eskdalemuir ...	995·1	+6	Calm		5	31	92	6	5	2	–	9	10	1500	4	*
	Point of Ayre...	994·7	+2	WNW	3	c	40	97	8	8	6	–	7-8	10	800	1	2
13A	Tiree	993·9	-6	N'E	3	bc	40	85	8	8	6	–	2-3	4-6	2500	0	2
13B	Stornoway ...	995·8	-4	ENE	5	c	39	92	7	8	7	–	7-8	9	2500	1	3
15	Dalwhinnie ...	995·4	0	E	1	c	32	92	7	5	–	–	10	10	2500	9	*
	Aberdeen ...	993·3	+18	SSE	1	pr_0	36	97	6	6	–	–	9+	9+	800	1	2
	Wick ...	994·3	-8	ESE	5	phr	40	97	7	9	2	–	7-8	9	1500	1	4
16	Lerwick ...	1003·2	-4	E	8	c	39	85	7	8	7	–	7-8	10	800	1	*
17	Blacksod Point	997·4	-4	W	1	bc	39	85	8	3	–	–	2-3	2-3	1500	1	2
18	Malin Head ...	995·1	-4	N'W	1	bc	41	92	8	8	–	–	4-6	4-6	2500	0	2
	Aldergrove ...	995·4	0	SW	2	c	35	97	7	5	3	–	7-8	9	4000	1	*
19	Birr Castle ...	997·7	*	SSE	1	bc	31	97	8	5	–	–	4-6	4-6	4000	3	*
20	Valentia Obsy. †	998·6	-12	ENE	2	c	32	85	8	5	3	–	4-6	7-8	4000	1	2
	Roches Point	998·9	-8	NW	1	bc	36	85	8	5	–	–	4-6	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 Hrs. (36)
1	London (Kew)	43	34	28	0·2	0·4	2·6
	Croydon ...	44	36	33	Tr	1	3·4
	S. Farnborough	46	33	25	0·1	Tr	3·9
	Boscombe Down	45	32	25	–	–	5·6
	Calshot (Sthmtn.)	47	34	29	–	–	5·9
	Lympne ...	44	35	28	–	1	6·4
	Manston ...	44	35	31	–	1	6·1
2	Shoeburyness ...	46	38	34	Tr	Tr	4·1
	Felixstowe ...	43	38	35	Tr	Tr	3·0
	Gorleston ...	42	36	35	Tr	0·1	3·0
	Mildenhall ...	39	36	33	0·5	0·6	0·0
	Cranwell ...	37	33	30	1	0·2	0·0
3	Birmingham ...	38	34	32	1	0·6	0·0
	Upper Heyford	41	32	27	Tr	–	*
4	Ross-on-Wye	42	35	29	Tr	–	0·4
5	Portland Bill ...	45	38	*	–	–	*
	Plymouth ...	47	32	29	Tr	Tr	5·4
	The Lizard ...	47	36	*	–	–	*
	Scilly (St. Mary's)	47	36	*	–	–	2·1
	Guernsey ..	48	33	25	–	–	8·9
6	Pembroke ...	44	35	*	–	–	0·7
7	Holyhead ...	43	39	39	Tr	Tr	0·3
	Chester (Sealand)	41	38	35	4	1	0·0
8	Manchester ...	40	37	35	0·3	1	0·0
10	Spurn Head ...	38	35	*	2	–	0·0
	Catterick ...	42	34	29	0·6	Tr	1·3
	Tynemouth ...	42	37	35	1	–	1·3
11	Inchkeith ...	*	35	32	–	–	2·4
	Leuchars ...	45	36	34	Tr	0·1	2·1
12	Renfrew (Abbots I.)	46	33	28	–	–	2·0
	Eskdalemuir ...	31	30	*	0·1	Tr	0·6
	Point of Ayre...	44	38	–	0·2	1	0·0
13A	Tiree	44	40	38	Tr	–	3·5
13B	Stornoway ...	44	37	*	1	1	2·7
15	Dalwhinnie ...	34	30	28	0·6	0·4	0·0
	Aberdeen ...	42	35	33	0·2	3	1·4
	Wick ...	41	36	*	0·2	3	*
16	Lerwick ...	41	36	*	0·5	2	0·5
17	Blacksod Point	43	32	*	0·5	0·1	*
18	Malin Head ...	45	39	*	0·1	0·3	2·0
	Aldergrove ...	44	34	31	0·3	0·6	4·0
19	Birr Castle ...	45	30	20	–	–	6·5
20	Valentia Obsy. †	45	28	24	Tr	Tr	7·2
	Roches Point	44	33	*	–	–	*

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 cpr₀	cpr₀ cr₀	ir₀ cm	43	34	28	0·2	0·4	2·6	*	*	5
Croydon ...	217	cm bc zy	cz₀ y ir₀	cr₀ r₀ m	44	36	33	Tr	1	3·4	*	*	6
Greenwich (Royal Observatory) ...	149	bc	cd₀ d	r₀ r₀ c	44	34	27	0·3	0·5	1·5	69	81	5
City (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	1·1	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	44	36	32			1·7	64	76	*
Regents Pk. (Botanic Gardens)‡ ...	168	*	*	*	43	36	31	0·2	1	1·5	74	74	*
Camden Square ...	110	bc	c c r	*	43	38	31	0·5	0·3	*	74	*	*
Kensington ...	80	bc	c	*	43	35	31	0·3	0·3	2·3	At 18h. 77	75	*
Hampstead Observatory ...	450	o	bc	o d	41	35	27	0·7	Tr	2·6	*	81	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.	Kew Observatory. Max.	Time.	Min.	Time.
0·5	17·20h 2nd	<0·3	5hrs 3rd	0·6	21h 2nd	0·1	12h 2nd

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 2nd March Barom. mb.	Wind Direc.	Wind Force	Weather.	Temp. °F.	7h. G.M.T. 3rd March Barom. mb.	Wind Direc.	Wind Force	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris ...	1003·0	SSW	2	c	41	1005·0	–	0	b	30	45	30	0·2	–
Brussels ...	1002·7	S	3	c	37	1005·4	SSE	2	b	32	39	30	0·4	–
Berlin ...	1007·3	NE	2	c	41	1006·3	N	2	rs	34	43	34	–	2
Zürich ...	1005·8	ENE	1	c	36	1005·8	ENE	1	c	36	*	*	–	–
Rome ...						1000·7	SE	6	o	50	*	*		Tr

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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 4th March, 1937.
No. 27496.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°F. Temp. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	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 Yest. Hrs. (36)
1	London (Kew)	1002·2	-2	S	2	c	46	65	7	8	7	2	7·8	9	2500	2·6
	Croydon ...	1002·1	-2	SE'S	4	c	45	65	7	2	3	6	2·3	7·8	2500	3·4
	S. Farnborough	1002·0	-2	WSW	1	pr.	42	75	7	8	3	-	7·8	9+	2500	3·9
	Boscombe Down	1001·2	-6	S	3	c	43	75	7	8	7	-	9	9+	2500	5·6
	Calshot (Sthmtn.)	1001·7	-4	SSE	3	c	46	65	7	8	7	-	7·8	7·8	4000	5·9
	Lympne ...	1004·0	0	S	3	c	45	75	7	9	9	1	2·3	9+	1500	6·4
	Manston ...	1003·8	+4	SSE	4	c	44	75	7	8	2	9	2·3	9	1500	6·1
2	Shoeburyness ...	1003·4	0	SW	2	c/pr	43	75	8	8	1	-	4·6	9+	4000	4·1
	Felixstowe ...	1003·5	-6	SE	2	c	43	85	7	5	2	-	7·8	10	2500	3·0
	Gorleston ...	1003·7	+2	SE'S	2	c/pr	44	75	6	8	2	-	4·6	9+	2500	3·0
	Mildenhall ...	1002·8	-2	SSE	3	c	46	65	8	8	7	8	2·3	9+	4000	0·0
	Cranwell ...	1002·1	+4	S	3	c	43	65	7	1	-	6	Tr	9+	2500	0·0
3	Birmingham ...	1000·9	+2	S	3	bc	43	65	7	2	6	-	4·6	4·6	2500	0·0
	Upper Heyford	1001·8	-2	SSE	4	jp	43	65	7	8	7	1	7·8	9	2500	*
4	Ross-on-Wye	1000·3	+4	S'E	3	pr.	41	85	7	9	6	-	9	9+	2500	0·4
5	Portland Bill ...	1000·1	-4	S	4	c	42	65	8	4	-	-	7·8	7·8	2500	*
	Plymouth ...	998·6	-18	SW	3	c	47	65	9	8	3	-	4·6	7·8	2500	5·4
	The Lizard ...	997·1	-12	ESE	4	pr.	45	65	8	8	2	-	7·8	9+	2500	*
	Scilly (St. Mary's)	996·2	-16	SE'E	4	c	46	65	8	8	6	-	7·8	9	2500	2·1
	Guernsey ...	1000·5	-8	S'E	5	bc	45	65	9	-	3	-	0	2·3	-	8·9
6	Pembroke ...	997·3	-4	S'E	3	bc	46	55	8	5	1	-	2·3	4·6	4000	9·7
7	Holyhead ...	998·0	+6	SW'S	3	c	43	85	8	8	5	-	2·3	7·8	4000	0·3
	Chester (Sealand)	999·5	+6	S	2	c	45	55	7	8	3	-	9	9+	5700	0·0
8	Manchester ...	1000·0	+8	S'E	3	pr.	43	75	7	8	3	-	7·8	9+	2500	0·0
10	Spurn Head ...	1002·4	+10	S'E	2	c	43	75	8	5	1	-	2·3	9	2500	0·0
	Catterick ...	999·5	+14	S	3	z.	42	75	5	8	3	-	4·6	9+	2500	1·3
	Tynemouth ...	998·7	+16	SW	3	c	43	75	6	5	-	-	9+	9+	1500	1·3
11	Inchkeith ...	997·0	+12	S	1	c	41	92	7	5	-	-	9	9	1500	2·4
	Leuchars ...	996·8	+16	S	2	z.	43	75	6	5	3	-	4·6	9	4000	2·1
12	Renfrew (Abbotsl.)	996·5	+10	SW'S	1	z.	44	65	6	2	3	-	9	9+	4000	2·0
	Eskdalemuir ...	996·7	+12	SW	3	ps	37	85	6	5	2	-	9+	9+	450	0·6
	Point of Ayre ...	997·1	+12	W	3	c	45	85	8	2	5	-	4·6	7·8	1500	0·0
13A	Tiree	995·0	+4	SW'W	1	bc	44	75	8	8	6	-	2·3	4·6	2500	3·5
13B	Stornoway ...	995·0	-2	NE	4	c	42	85	8	8	7	-	4·6	7·8	2500	2·7
15	Dalwhinnie ...	996·9	+14	S	3	bc	36	75	8	4	6	-	2·3	2·3	4000	0·0
	Aberdeen ...	997·5	+20	SSE	4	c	42	75	6	2	3	-	2·3	7·8	2500	1·4
	Wick ...	995·7	+8	SSE	4	c	41	92	8	8	2	-	4·6	7·8	1500	*
16	Lerwick ...	1004·1	+8	E	8	ir	39	92	7	9	2	-	7·8	10	800	0·5
17	Blacksod Point	997·6	0	-	0	bc	45	65	9	2	-	4	2·3	4·6	1500	*
18	Malin Head ...	995·8	+4	SW	2	bc	44	85	7	2	-	-	4·6	4·6	2500	2·0
	Aldergrove ...	996·5	+6	SW'S	2	bc	43	75	8	8	3	1	2·3	4·6	1500	4·0
19	Birr Castle ...	997·2		S	1	c	45	65	8	8	1	-	7·8	9+	2500	6·5
20	Valentia Obsy. †	997·4	-6	W'N	1	b	44	65	9	1	-	1	1	1	4000	7·2
	Roches Point	997·5	-6	S'E	2	bc	46	55	9	1	-	-	2·3	2·3	4000	*

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	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)	1002·1	+2	SE	2	b	41	55	6	8	7	-	Tr	1	2500	1	*
	Croydon ...	1002·2	+10	SE	3	z.	41	65	6	-	4	1	0	2·3	-	1	*
	S. Farnborough	1001·6	0	SE	1	z.	40	65	6	1	6	-	Tr	1	4000	1	*
	Boscombe Down	1000·5	0	SE'E	3	bc	39	65	7	7	-	5	2·3	4·6	2500	1	*
	Calshot (Sthmtn.)	1000·9	-4	ESE	5	bc	43	65	8	8	4	5	2·3	4·6	4000	1	3
	Lympne ...	1003·5	-2	SE'E	4	bc	40	65	8	4	3	9	2·3	4·6	2500	1	2
	Manston ...	1003·4	-2	SE'S	3	bc	42	55	7	7	-	9	1	2·3	2500	1	*
2	Shoeburyness ...	1003·2	0	S'E	2	c	41	75	8	2	7	-	1	7·8	4000	1	*
	Felixstowe ...	1003·9	+2	SE	2	c	40	85	7	5	7	-	4·6	9	2500	1	2
	Gorleston ...	1004·5	+4	SE'S	3	c	41	75	6	-	4	-	0	7·8	-	0	2
	Mildenhall ...	1003·1	+8	SSE	2	c	42	75	8	4	7	7	4·6	10	4000	1	*
	Cranwell ...	1002·5	+4	SW	2	c/pr	41	85	7	9	7	-	7·8	9+	2500	1	*
3	Birmingham ...	1001·7	+8	-	0	PRS	35	92	5	9	7	-	4·6	7·8	1500	1	*
	Upper Heyford	1001·8	+2	SE	1	c	39	85	6	5	7	-	4·6	7·8	2500	1	*
4	Ross-on-Wye	1000·1	0	SE	2	bc	38	85	7	5	-	-	2·3	2·3	2500	1	*
5	Portland Bill ...	998·2	-10	SE	4	c	44	65	8	4	-	-	7·8	7·8	2500	1	3
	Plymouth ...	997·0	-8	SE	3	c	43	65	9	4	7	4	1	9+	4000	1	2
	The Lizard ...	994·1	-10	E'N	5	c	44	65	8	8	2	-	7·8	10	1500	1	3
	Scilly (St. Mary's)	992·6	-12	SE'E	5	c/r	44	85	7	8	2	-	7·8	10	1500	1	3
	Guernsey ...	998·2	-12	SE'S	3	c	43	55	9	8	1	-	4·6	7·8	2500	1	3
6	Pembroke ...	997·0	+4	ESE	3	c	42	85	8	5	6	-	4·6	7·8	4000	1	2
7	Holyhead ...	998·4	+6	SE'S	2	c	41	92	8	7	-	-	9+	9+	4000	1	1
	Chester (Sealand)	999·6	+6	SE	3	c	42	75	6	5	-	-	9+	9+	4000	1	*
8	Manchester ...	1000·4	+4	SE'E	2	z.	39	75	5	5	7	-	4·6	10	2500	1	*
10	Spurn Head ...	1003·6	+8	SE'E	3	c	40	85	7	5	2	-	4·6	10	2500	0	2
	Catterick ...	1001·2	+12	SE'S	2	z.	38	85	5	5	4	1	2·3	4·6	4000	1	*
	Tynemouth ...	1000·7	+16	SW	2	c	42	75	6	5	-	-	9+	9+	1500	1	2
11	Inchkeith ...	999·6	+16	SE	2	c	40	92	8	5	7	-	4·6	10	2500	0	2
	Leuchars ...	999·5	+18	SE	3	c	41	85	7	4	-	2	4·6	7·8	5700	1	*
12	Renfrew (Abbotsl.)	998·3	+18	SE'S	2	z.	40	75	5	8	-	-	9	9	4000	1	*
	Eskdalemuir ...	1000·0	+16	-	0	c	35	92	6	5	-	-	9+	9+	450	6	*
	Point of Ayre ...	998·5	+6	S	4	c	41	97	8	4	6	-	4·6	9	1500	1	2
13A	Tiree	996·1	+16	S	2	bc	37	92	8	2	3	-	2·3	4·6	2500	0	1
13B	Stornoway ...	995·7	+10	SSW	3	c	41	85	8	8	7	-	4·6	9	2500	1	2
15	Dalwhinnie ...		+18	S	2	c	34	85	6	8	4	-	7·8	10	2500	9	*
	Aberdeen ...	1000·5	+20	SSE	2	bc	41	85	6	8	9	9	2·3	4·6	2500	1	2
	Wick ...	999·0	+16	SSE	4	c	42	92	7	8	6	9	4·6	10	1500	1	4
16	Lerwick ...	1005·0	+10	SE	7	rr	40	92	5	9	2	-	7·8	10	450	1	*
17	Blacksod Point	997·5	0	-	0	bc	42	85	8	4	-	-	2·3	2·3	5700	0	2
18	Malin Head ...	996·5	+6	SSE	1	bc	41	92	7	8	-	-	2·3	2·3	2500	0	1
	Aldergrove ...	997·2	+6	ESE	2	c/pr	39	85	8	4	7	-	4·6	9+	2500	1	*
19	Birr Castle ...	996·9		N	1	c	41	85	8	5	-	-	9+	9+	2500	1	*
20	Valentia Obsy. †	996·5	+2	N'E	3	bc	43	65	9	7	-	-	2·3	2·3	4000	1	2
	Roches Point	997·0	-2	E	2	bc	42	75	8	5	-	-	2·3	2·3	2500	0	2

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 3rd (37)	Weather. 13h.—18h. 3rd (38)	Weather. 18h. 3rd to 1h. 4th (39)	Weather. 1h.—7h. 4th (40)
1	London (Kew)	cm.c	pr.bz.y	bbcz.	cm.x
	Croydon ...	cm.jp⊕	cjpbcyz.	bz.x	bccm.x
	S. Farnborough	m.c	pr.bcb	bm.x	bcxcm.
	Boscombe Down	cm.c	cprh.bc	bc	bc
	Calshot (Sthmtn.)	cmphr.qbc	cbc	bcc	cm.
	Lympne ...	c	cbcy	bcbyz.	b,cbcx
	Manston ...	cir.m.c	cbcy	bcbyb	bbcc
2	Shoeburyness ...	ir.cpc	cpbcc	bcbx	bxbc
	Felixstowe ...	cir.	c	cbc	bccm.
	Gorleston ...	cpr.	cpr.c	cbbc	bcz.x
	Mildenhall ...	cm.cz.	c	c,b	bbcxz.
	Cranwell ...	cr.r.bc	cbccpr.	cbcm.	bcm.x
3	Birmingham ...	cbc	bccph	cprbc	bcc
	Upper Heyford	cm.z.	cbccpr.	cbcbbcm.x	cm.x
4	Ross-on-Wye	cbbcc	p.c	bm.xbc	bcm.cm
5	Portland Bill ...	c	c	c	c
	Plymouth ...	cr.rprbc	bccy	c	cbc
	The Lizard ...	bccpr	cprc	cbc	bcq.c
	Scilly (St. Mary's)	bcc	cir.c	cir.bc	bcc
	Guernsey ...	bccbc	bcc	cbcbc	o
6	Pembroke ...	cbcy	bcc	cbc	bc
7	Holyhead ...	bcbc	bcc	cbc	bcc
	Chester (Sealand)	cm.cy	cbcyc	cbcm.	bccxm
8	Manchester ...	p.r.m.c	cpr.cz.	crmbcm	bmcm
10	Spurn Head ...	c	c	cbc	bc
	Catterick ...	cr.cz.	cz.bcm	bccprm.	cm.bcmx
	Tynemouth ...	oc	c	bcom.	cbc
11	Inchkeith ...	zz.c	c	cbc	bcc
	Leuchars ...	cm.mcm.	cm.cbc	ccm.	cm.
12	Renfrew (Abbotsl.)	cm.mm.	ccz.	cz.m	cmir.
	Eskdalemuir ...	sscps	sspsh	pshps	cm.
	Point of Ayre ...	obc	bc	coz.	c
13A	Tiree	bc	bc	bccpr	c
13B	Stornoway ...	cpr.	c	cbc	bc
15	Dalwhinnie ...	c	bcc	•	c
	Aberdeen ...	cpr.	cbcz.	bccPR	cpr.c
	Wick ...	cphrc	c	c	prr.r
16	Lerwick ...	crrir	cirrr	cir	c
17	Blacksod Point	bc	bc	pr.bc	bc
18	Malin Head ...	cbc	bc	c	bcc
	Aldergrove ...	bcbc	bcc,pr.	cr., rsc	ccr.s.
19	Birr Castle ...	bcc	c	c	cbcx
20	Valentia Obsy. †	cxbvy	bvybc	bcbw	bwbcx
	Roches Point	bcvy	bc	bc	bccir.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

COLUMN 29.—STATE OF GROUND.

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

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

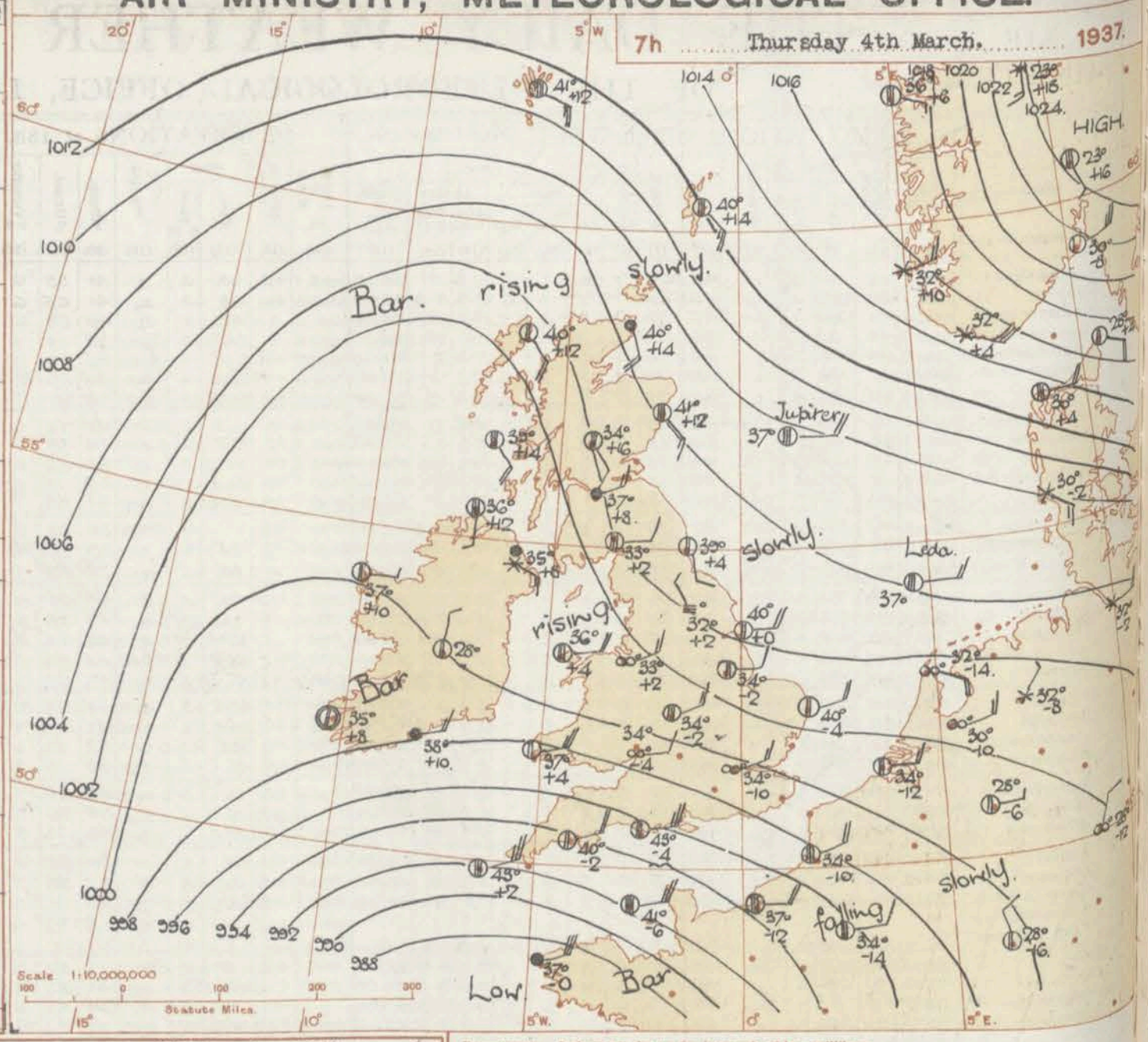
† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 3rd March 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.	coc	ophbc	33	47	-	0·3	2·8	6·5
	Bournemouth	och	b	31	49	-	0·5	4·5	5·2
	Ventnor ...	xocb	b	39	51	-	-	5·6	8·4
	Southsea ...	cbcb	b	35	49	-	-	5·6	6·8
	Bognor Regis	cbc	cbc	35	46	-	-	3·9	7·0
	Littlehampton	c	cphbc	34	46	-	1	3·6	8·0
	Worthing ...	c	bcb	34	47	-	-	4·2	8·0
	Brighton ...	cbc	b	35	46	0·6	-	3·3	8·0
	Eastbourne† ...	c	cbcy	38	48	4	-	4·5	8·0
	Hastings† ...	cbc	bcbbc	38	47	Trace	-	4·1	8·1
	Folkestone ...	c	cbc	36	47	1	-	4·4	7·1
	Dover ...	cbcc	cbc	37	46	4	-	4·9	8·0
	Deal	rc	coc	37	46	3	-	2·9	6·9
	Ramsgate ...	cbc	bc	37	45	5	-	2·0	6·7
	Margate ...	cbc	cbc	37	46	2	-	2·2	5·0
2	Southend ...	oroc	cphbc	37	46	0·3	0·5	1·5	3·1
	Maldon ...	oc	cpbc	35	45	0·3	Trace	0·2	2·6
	Clacton-on-Sea	opc	cpcbc	35	42	Trace	2	0·0	2·8
	Dovercourt ...	doc	oc	38	43	Trace	-	0·0	3·3
	Lowestoft ...	cbcc	crc	36	44	Trace	0·3	0·5	3·7
	Skegness ...	cbc	bc	33	44	0·2	-	1·4	0·0
	Mablethorpe...	cbcc	cbcc	33	46	0·3	-	1·2	0·0
	Cleethorpes ...	orc	cbc	34	46	0·3	Trace	1·3	0·0
3	Leamington S.	cbc	co	34	43	Trace	-	3·0	0·0
4	Cheltenham†	cbc	cpc	33	45	-	Trace	3·4	0·0
5	Bath	cbcc	rcbcb	30	44	-	0·5	1·5	6·1
	Weymouth ...	phc	b	32	49	0·5	-	4·7	9·6
	Jersey ...	bc	bc	38	47	-	-	8·0	9·0
	Torquay ...	orcrp	bcy	30	47	2	0·4	3·3	6·9
	Penzance ...	bbcc	cidc	32	47	-	0·2	2·7	2·8
	St. Ives ...	c	p	34	47	-	Trace	2·8	3·2
	Bude... ...	xbc	bcco	28	49	-	-	5·6	7·9
	Ilfracombe ...	bcb	bcc	34	47	-	-	7·0	7·9
6	Aberystwyth	prcbc	bcc	36	46	2	-	5·0	0·0
7	Llandudno ...	crc	pcbc	37	43	4	2	0·2	0·0
	Colwyn Bay...	pc	cbc	38	44	4	-	1·0	0·0
	Rhyl	cbcc	cbc	37	46	1	-	3·4	0·0
8	Wallasey ...	cbc	bc	37	48	3	-	3·4	0·0
	Southport ...	coc	bccp	34	47	3	Trace	2·2	0·0
	Blackpool ...	c	cm	38	45	0·2	-	1·7	0·1
	Morecambe ...	dbbcc	cbcdo	37	43	2	Trace	0·4	0·5
9	Ilkley... ...	c	c	34	42	2	-	1·0	0·7
	Harrogate ...	cbc	c	33	41	0·3	-	0·8	0·1
10	Berwick-on-T.	cbc	bcrc	35	45	1	Trace	3·3	0·1
11	Dunbar ...	bcr	bc	36	45	0·3	-	2·3	0·7
12	Troon... ...	cbcc	rcbcc	36	44	-	Trace	3·5	2·1
	Douglas ...	cir	bcp	36	43	1	Trace	1·7	0·3

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 4th March, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ...	Fresh easterly winds; cloudy or dull; occasional slight rain or sleet; rather cold.
8 N.W. England 9 N. Midlands ...	Fresh easterly winds; fair periods and occasional showers of sleet or snow; average temperature, becoming rather cold.
10 N.E. England 11 S.E. Scotland	Moderate or fresh easterly or southeasterly winds; cloudy; occasional slight sleet or snow : rather cold.
12 S.W. Scotland & Isle of Man.	As 8 - 9.
13 A. W. Scotld. B.N.W.Scotland.	Moderate or fresh southeast winds, backing later; fair periods and occasional showers of sleet or snow; average temperature.
14 Mid Scotland 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 or fresh southeast winds, backing later; fair periods; occasional showers; average temperature.

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

GENERAL INFERENCE.

A complex depression over the Bay of Biscay is almost stationary. There will be rather cold easterly winds accompanied by slight rain, sleet or snow in many districts.

FURTHER OUTLOOK.

Rather cold easterly winds.

TIMES OF ISSUE OF GALE WARNINGS.

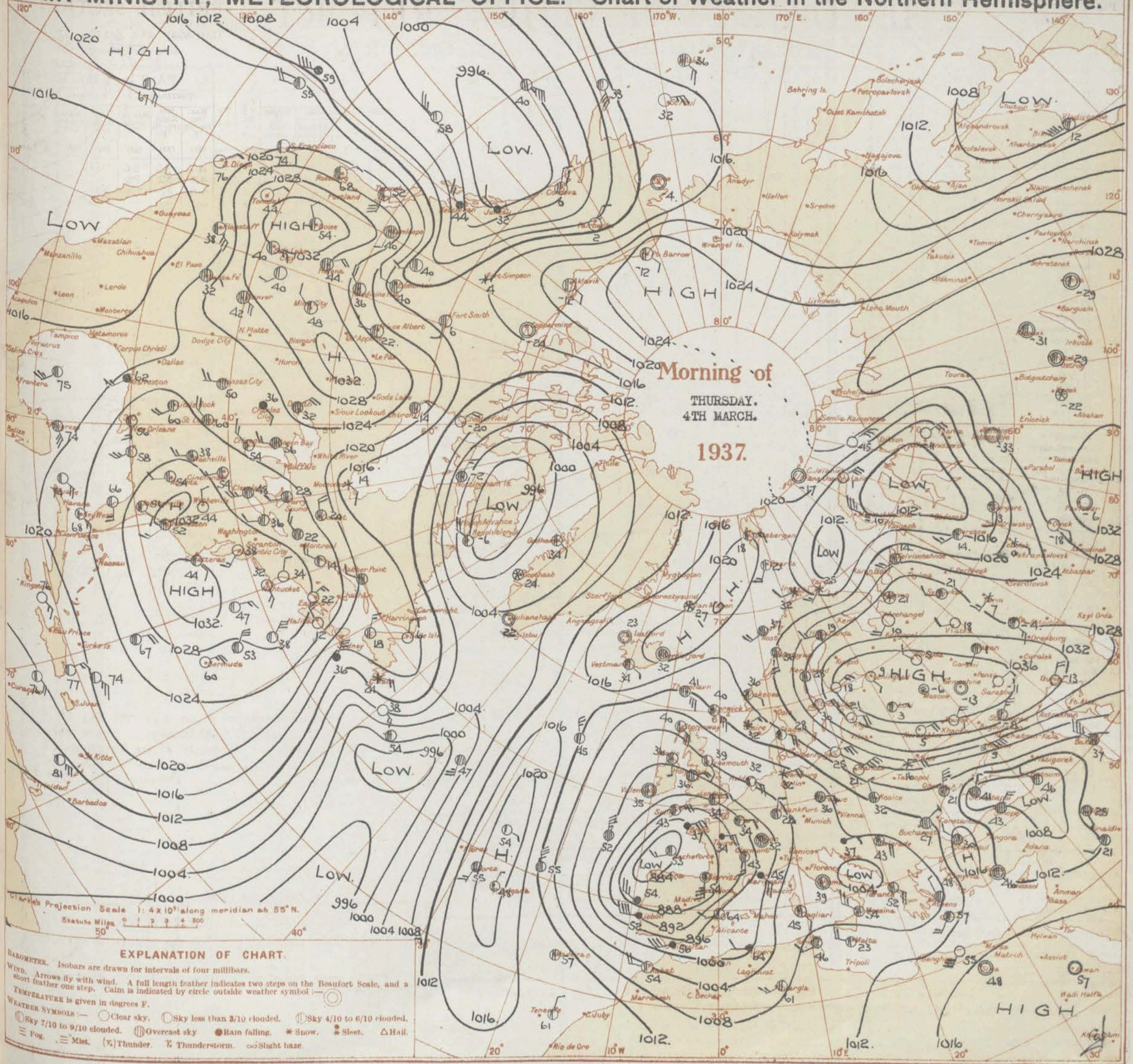
A North Cone hoisted at 0900 on 3/3 in districts 5 and 6.

A North Cone hoisted at 2000 on 3/3 in district 1 (part of).

Forecasts issued at 1020 G.M.T.

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

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 4th March, 1937.
No. 27496.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1001·0	−6	E	2	Z_0	33	75	6	5	-	-	2-3	2-3	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1001·8	−6	E'S	4	b	38	75	6	-	-	1	0	1	-
	Manston ...	142	1001·9	−10	SE'E	4	b	40	65	7	-	-	-	0	0	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1004·6	0	E'S	3	bc	39	85	7	-	4	-	0	2-3	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	996·0	−10	SE	5	c	44	75	7	4	-	-	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	992·8	−10	E'N	6	bc	43	65	8	8	-	-	4-6	4-6	2500
	Scilly (St. Mary's)	163	992·3	−10	E'S	5	bc	43	65	8	4	4	-	2-3	2-3	2500
	Guernsey ..	175	995·4	−20	SE'E	3	0	41	65	6	5	−	-	10	10	2500
6	Pembroke ...	142	996·8	0	E	5	bc	39	75	7	5	-	-	4-6	4-6	4000
7	Holyhead ...	26	1000·3	+10	E'S	2	bc	40	92	7	5	-	-	4-6	4-6	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1003·8	+6	SE'E	2	bc	39	92	7	-	1	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1003·8	+6	S	2	0	38	85	6	5	-	-	10	10	800
11	Inchkeith ...	190	1003·0	+18	SE	2	bc	37	97	7	5	-	-	4-6	4-6	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1000·7	+8	S'E	4	Z_0	40	97	6	5	-	-	10	10	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1001·0	+14	SSE	4	bc	41	75	8	5	7	-	2-3	4-6	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1003·3	+2	SSE	4	c	41	97	7	5	1	-	4-6	7-8	1500
16	Lerwick ...	156	1009·6	+14	SE	6	ir	40	92	6	9	2	-	7-8	10	450
17	Blacksod Point	18	999·1	0	W	2	b	37	92	8	3	-	-	1	1	1500
18	Malin Head ...	84	998·8	+6	S	1	bc	35	97	7	5	-	-	4-6	4-6	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	998·6	+6	S'E	2	b	37	97	8	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	998·6	−10	ENE	3	Z_0	38	75	5	5	7	-	4-6	9	1500	1	*
	Croydon ...	998·4	−10	ENE	3	Z_0	34	85	6	-	5	1	0	7-8	-	1	*
	S. Farnborough	998·2	−6	NE'E	3	Z_0	34	85	5	-	5	9	0	4-6	-	3	*
	Boscombe Down	997·4	−4	ENE	3	bc	33	75	7	-	3	5	0	4-6	-	3	*
	Calshot (Sthmtn.)	996·8	−6	NE	4	Z_0	38	85	6	8	7	-	1	9	4000	1	3
	Lympne ...	999·2	−10	E'N	3	Z_0	35	85	6	-	3	2	0	2-3	-	3	3
	Manston ...	999·7	−6	E	4	bc	37	75	7	-	3	1	0	4-6	-	1	*
2	Shoeburyness ...	999·9	−6	E	4	bc	40	92	7	5	-	-	4-6	4-6	5700	1	*
	Felixstowe ...	1000·9	−12	E'N	4	Z_0	41	65	6	5	5	-	1	7-8	2500	1	3
	Gorleston ...	1002·7	−4	E'N	4	bc	40	75	6	4	4	6	1	4-6	2500	3	2
	Mildenhall ...	1001·2	−8	ENE	3	Z_0	33	85	6	-	7	2	0	4-6		1	*
	Cranwell ...	1002·8	−2	E	2	bc	34	97	7	-	3	1	0	4-6	-	1	*
3	Birmingham ...	1001·3	−2	ENE	3	c	34	85	5	5	-	-	10	10	2500	1	*
	Upper Heyford	1000·0	−6	ENE	3	Z_0	33	85	6	5	7	-	2-3	9	4000	1	*
4	Ross-on-Wye	999·3	−4	E	2	Z_0	34	85	6	5	7	8	4-6	9+	4000	1	*
5	Portland Bill ...	993·5	−4	E	5	c	43	92	7	4	7	-	7-8	10	2500	1	4
	Plymouth ...	993·9	−2	ENE	4	bc	40	75	8	5	7	-	4-6	4-6	1500	1	1
	The Lizard ...	992·1	+2	NE'E	5	c	43	65	8	8	1	-	7-8	10	2500	1	3
	Scilly (St. Mary's)	992·1	+2	ENE	5	c	43	75	8	5	3	-	4-6	9	2500	1	3
	Guernsey ..	992·6	−6	E'N	5	0	41	75	7	5	-	-	10	10	2500	1	3
6	Pembroke ...	996·8	+4	E'N	5	bc	37	85	7	5	-	-	4-6	4-6	4000	1	2
7	Holyhead ...	1000·7	+4	E'N	4	c	36	92	6	5	4	6	2-3	7-8	4000	1	2
	Chester (Sealand)	1001·5	+2	ENE	3	Z_0	33	85	5	5	-	-	9	9	4000	3	*
8	Manchester ...	1002·3	+4	ENE	3	m	35	85	4	5	-	-	9	9	4000	1	*
10	Spurn Head ...	1004·6	0	E	4	bc	40	85	7	5	1	-	2-3	4-6	2500	0	3
	Catterick ...	1004·2	+2	NW'N	1	m	32	97	4	5	4	-	4-6	7-8	2500	1	*
	Tynemouth ...	1004·7	+4	SSE	2	bc	39	85	6	2	4	-	4-6	4-6	1500 450	1	2
11	Inchkeith ...	1004·9	+12	E	2	c	36	97	7	8	3	-	4-6	7-8	2500	0	2
	Leuchars ...	1004·9	+8	SE	2	c	38	92	6	5	2	-	7-8	10	1500	1	*
12	Renfrew (Abbots I.)	1003·7	+8	ENE	3	ir	37	85	4	5	-	-	10	10	4000	1	*
	Eskdalemuir ...	1004·3	+2	E	2	c	33	92	6	5	7	-	9	9+	2500	7	*
	Point of Ayre ...	1002·0	+6	SE'S	4	c	39	85	7	-	7	-	0	9	-	1	3
13A	Tiree	1001·6	+14	SE	4	c	39	92	7	5	-	-	9+	9+	1500	0	3
13B	Stornoway ...	1003·6	+12	SE	4	bc	40	75	8	5	7	1	2-3	4-6	4000	1	2
15	Dalwhinnie ...	1005·9	+16	SE	2	c	34	85	5	5	-	-	10	10	1500	9	*
	Aberdeen ...	1006·4	+12	SE'E	3	c	41	85	6	9	7	-	7-8	9+	1500	1	2
	Wick ...	1006·6	+14	SSE	4	r_0r_0	40	92	7	5	2	-	7-8	10	800	1	3
16	Lerwick ...	1012·2	+14	SE	5	c	40	85	7	8	2	-	7-8	10	800	1	*
17	Blacksod Point	1000·4	+10	E	1	bc	37	92	8	4	-	-	4-6	4-6	2500	1	2
18	Malin Head ...	1000·5	+12	S	1	c	36	92	7	5	7	-	7-8	9+	2500	0	1
	Aldergrove ...	1001·5	+8	ESE	3	rs	35	97	7	6	7	-	7-8	10	1500	1	*
19	Birr Castle ...	999·9	*	N	1	bc	28	97	8	5	-	-	4-6	4-6	4000	3	*
20	Valentia Obsy. †	999·1	+8	-	0	bc	35	85	8	7	4	9	1	2-3	4000	1	2
	Roches Point	998·5	+10	E'N	3	ir	38	92	8	6	2	-	2-3	9	1500	1	3

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 3 mo. Hrs. (36)
1	London (Kew)	47	36	26	Tr	-	2·8
	Croydon ...	48	32	28	-	-	2·9
	S. Farnborough	48	32	23	Tr	-	2·4
	Boscombe Down	46	33	30	Tr	-	2·2
	Calshot (Sthmtn.)	47	38	37	0·3	-	5·5
	Lympne ...	46	35	30	-	-	3·2
	Manston ...	46	37	32	Tr	-	2·3
2	Shoeburyness ...	44	36	29	0·4	-	0·7
	Felixstowe ...	43	39	33	0·1	-	0·0
	Gorleston ...	44	34	31	Tr	-	0·5
	Mildenhall ...	46	32	26	-	Tr	0·2
	Cranwell ...	46	30	24	0·1	-	2·9
3	Birmingham ...	45	33	29	2	1	3·9
	Upper Heyford	45	31	28	Tr	-	*
4	Ross-on-Wye	47	32	23	0·4	-	3·4
5	Portland Bill ...	46	41	*	Tr	-	*
	Plymouth ...	48	39	35	2	-	2·8
	The Lizard ...	48	42	*	1	-	*
	Scilly (St. Mary's)	47	41	*	2	0·1	2·5
	Guernsey ..	47	41	39	-	-	6·3
6	Pembroke ...	46	35	*	-	-	6·6
7	Holyhead ...	44	36	29	-	-	0·1
	Chester (Sealand)	48	29	21	-	-	3·1
8	Manchester ...	45	35	29	0·2	Tr	0·7
10	Spurn Head ...	44	38	*	-	-	2·2
	Catterick ...	42	31	25	Tr	1	0·1
	Tynemouth ...	44	36	32	-	-	0·7
11	Inchkeith ...	*	36	33	-	-	0·5
	Leuchars ...	44	35	28	-	-	0·4
12	Renfrew (Abbots I.)	45	36	33	-	0·2	2·1
	Eskdalemuir ...	38	32	31	6	1	0·0
	Point of Ayre ...	48	39	*	—	-	1·9
13A	Tiree	46	33	31	-	Tr	5·3
13B	Stornoway ...	42	40	*	0·1	-	2·5
15	Dalwhinnie ...	37	32	27	-	-	4·4
	Aberdeen ...	43	37	35	Tr	3	2·6
	Wick ...	42	38	*	1	1	*
16	Lerwick ...	41	38	*	3	1	0·0
17	Blacksod Point	46	30	*	-	Tr	*
18	Malin Head ...	45	34	*	1	-	6·2
	Aldergrove ...	44	33	29	Tr	2	3·1
19	Birr Castle ...	45	28	20	-	7	1·2
20	Valentia Obsy. †	46	32	26	Tr	Tr	9·2
	Roches Point	46	36	*	-	0·3	*

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.	Afternoon.	Night. (24 hrs. ended 9h.)	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	cm_0c	pr_0bz_0y	$bbcz_0cm$	47	36	26	Tr	-	2·8	*	*	3
Croydon	217	cm_0p ⊕	$cjpbcyz_0$	bz_0xbcm	48	32	28	-	-	2·9	*	*	
Greenwich (Royal Observatory) ...	149	c	cp_0cb	bxc	50	33	25	Tr	-	1·5	79	80	5
City (Bushill Row)	—	*	*	*	*	*	*	*	*	0·5	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	48	37	31	-	-	1·2	63	78	*
Regents Pk. (Botanic Gardens)‡...	158	*	*	*	48	35	29	0·4	-	0·5	65	81	*
Camden Square	110	c	c	*	48	34	25	-	-	*	*	81	*
Kensington	80	bc	cbc	*	48	36	29	-	-	1·7	At 18h. 49	80	*
Hampstead Observatory	450	c	bcp	0	45	32	24	Tr	-	0·6	*	87	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

	Max.	Time.	Min.	Time.
South Kensington.	0·6	18-22hrs 3rd	<0·3	1-3hrs 4th.
Kew Observatory.	0·6	20hrs 3rd	<0·1	14hrs 3rd

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 3rd March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 4th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris	1002·3	ESE	2	Z_0	41	994·9	E	2	c	34	46	32	-	-
Brussels	1004·5	E	2	b	39						48		-	
Berlin	1008·3	E	3	s_0s_0	34	1008·1	ESE	3	s_0s_0	30	36	30	2	4
Zürich	1005·4	NNE	3	b	34	1001·9	NE	1	Z_0	27	39	27	-	-
Rome	999·0	WSW	3	d_0d_0	48	1005·4	-	0	bc	39	*	*	?	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

Friday 5th March, 1937.
No. 27497.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	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 3rd Hrs. (36)
1	London (Kew)	996.9	-6	ENE	5	z₀	44	55	6	2	7	–	4-6	9+	2500	2.8
	Croydon ...	996.6	-10	ENE	4	z₀	43	65	6	2	7	–	4-6	10	2500	2.9
	S. Farnborough	996.6	-4	E'N	5	c	44	65	6	1	–	9	7-8	9	4000	2.4
	Boscombe Down	995.9	+6	ENE	4	z₀	42	65	6	5	7	–	1	10	4000	2.2
	Calshot (Sthmtn.)	995.8	-6	ENE	6	c	44	65	7	5	7	–	7-8	9+	5700	5.5
	Lympne ...	997.0	-10	ENE	5	c	43	68	7	–	7	–	0	9+	–	3.2
	Manston ...	997.1	-10	ENE	5	z₀	43	65	6	5	3	–	7-8	9+	5700	2.3
2	Shoeburyness ...	998.2	-8	ENE	4	c	43	75	6	–	7	–	0	9+	–	0.7
	Felixstowe ...	999.1	-14	NE'E	5	c	43	65	7	7	–	3	4-6	9	2500	0.0
	Gorleston ...	1001.7	-8	NE'N	4	bc	41	68	7	4	3	2	2-3	4-6	2500	0.5
	Mildenhall ...	999.6	-14	E'S	5	z₀	43	56	6	1	3	9	2-3	4-6	2500	0.2
	Cranwell ...	1001.6	-6	E'N	3	c	42	65	7	8	3	2	7-8	9	2500	2.9
3	Birmingham ...	1000.0	-4	ENE	4	z₀	40	75	5	6	1	–	4-6	7-8	2500	3.9
	Upper Heyford	998.4	-6	NE	3	z₀	43	75	6	7	7	6	4-6	9+	2500	*
4	Ross-on-Wye	998.0	-6	NE'E	4	z₀	42	65	6	6	1	–	1	10	2500	3.4
5	Portland Bill ...	993.0	-6	E	6	c	44	92	7	4	–	–	10	10	2500	*
	Plymouth ...	994.2	+4	NE'E	3	ir₀	41	75	7	5	7	–	2-3	10	2500	2.8
	The Lizard ...	995.7	+4	N'E	5	c	43	75	7	8	6	–	7-8	9+	2500	*
	Scilly (St. Mary's)	994.6	+6	NE	5	c	45	75	7	2	3	3	2-3	9	2500	2.5
	Guernsey ...	991.8	-4	ENE	5	0	43	75	7	5	–	–	10	10	2500	6.3
6	Pembroke ...	996.9	-2	ENE	5	q	43	65	6	5	7	–	2-3	7-8	4000	6.6
7	Holyhead ...	1001.0	0	E'N	4	c	42	85	5	–	7	–	0	10	–	0.1
	Chester (Sealand)	1001.1	-2	NE'E	3	z₀	44	65	6	8	–	–	9+	9+	5700	3.1
8	Manchester ...	1001.7	-4	E'N	4	z₀	42	65	6	8	3	–	4-6	7-8	2500	0.7
10	Spurn Head ...	1001.6	-6	ENE	4	c	42	75	7	4	6	–	4-6	7-8	2500	2.2
	Catterick ...	1003.3	-6	E'S	2	c	41	75	8	8	3	1	7-8	7-8	2500	0.1
	Tynemouth ...	1004.3	0	ESE	3	bc	43	75	8	2	–	–	4-6	4-6	1500	0.7
11	Inchkeith ...	1005.8	+4	NE	2	c	41	97	7	8	3	–	4-6	9	2500	0.5
	Leuchars ...	1005.9	+6	E	2	c/p	43	75	7	9	–	2	9	9+	1500	0.4
12	Renfrew (Abbotsl.)	1004.7	+2	ESE	1	z₀	42	75	5	9	3	–	9	9+	4000	2.1
	Eskdalemuir ...	1004.1	0	E'N	2	bc	40	76	6	1	7	7	1	4-6	2500	0.0
	Point of Ayre...	1003.0	+6	SE'E	3	c	42	92	8	8	1	–	4-6	10	1500	1.9
13A	Tiree ...	1004.3	+12	SE'E	4	z₀	42	75	6	8	3	8	2-3	9	2500	5.3
13B	Stornoway ...	1006.9	+14	ESE	4	c	43	75	7	5	7	3	2-3	7-8	4000	2.5
15	Dalwhinnie ...	1006.9	+2	NE	1	is₀	35	85	7	5	–	–	10	10	2500	4.4
	Aberdeen ...	1007.3	0	E'S	3	bc	40	75	7	8	3	–	2-3	4-6	2500	2.6
	Wick ...	1008.7	+6	ESE	3	c/pr	40	92	7	5	2	–	7-8	10	800	*
16	Lerwick ...	1013.6	+4	SE	4	r₀c₀	37	92	7	5	2	–	7-8	10	800	0.0
17	Blacksod Point	1000.8	+4	SE	2	b	44	75	8	2	–	–	1	1	2500	*
18	Malin Head ...	1003.0	+6	E	3	c	42	85	7	5	–	6	4-6	10	2500	6.2
	Aldergrove ...	1002.6	+2	E'S	2	z₀	42	65	6	2	3	8	4-6	9+	1500	3.1
19	Birr Castle ...	1000.7	*	N	1	c	42	75	8	5	7	–	7-8	9+	2500	1.2
20	Valentia Obsy. †	1000.7	+2	NE'N	2	b	45	86	9	7	–	1	Tr	Tr	4000	9.2
	Roches Point	999.7	+4	NE	3	c	44	75	8	3	4	–	4-6	7-8	1500	*

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	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)	997.2	+6	NE	5	z₀	40	65	5	2	7	–	2-3	10	2500	1	*
	Croydon ...	996.6	+6	NE'E	4	z₀	39	75	5	5	7	–	4-6	10	2500	1	*
	S. Farnborough	996.7	+8	E'N	4	z₀	40	75	5	–	1	–	0	9+	–	1	*
	Boscombe Down	995.9	+4	NE	4	z₀	40	65	6	5	1	–	2-3	10	4000	1	*
	Calshot (Sthmtn.)	995.2	+4	NE	5	z₀	43	75	6	5	7	–	4-6	9+	4000	1	3
	Lympne ...	996.4	0	ENE	4	z₀	40	76	5	–	7	2	0	7-8	–	1	4
	Manston ...	996.9	+2	ENE	4	z₀	40	85	6	6	2	–	4-6	10	2500	1	*
2	Shoeburyness ...	997.7	-2	NE	5	c	39	75	7	6	7	–	1	9+	2500	1	*
	Felixstowe ...	998.7	-2	NE'N	4	c	39	75	7	7	7	–	4-6	10	2500	1	3
	Gorleston ...	1000.3	-6	E'N	4	c	39	85	6	8	–	–	10	10	2500	0	3
	Mildenhall ...	999.3	0	NE'E	2	c	39	75	8	–	7	–	0	9+	–	1	*
	Cranwell ...	1001.0	-2	NE'E	3	c	38	85	8	5	–	6	9+	9+	4000	1	*
3	Birmingham ...	1000.1	+4	ENE	4	c	39	65	5	–	1	–	0	9	–	1	*
	Upper Heyford	998.6	+6	NE	3	c	38	65	7	–	7	8	0	9+	–	1	*
4	Ross-on-Wye	998.3	0	ENE	4	z₀	40	65	6	6	1	–	1	10	2500	1	*
5	Portland Bill ...	993.6	+6	ENE	6	c	44	85	7	4	–	–	10	10	2500	1	4
	Plymouth ...	994.6	+6	NE'N	3	z₀	42	75	6	5	1	–	4-6	10	1500	1	1
	The Lizard ...	995.6	+6	N'E	4	c	39	75	6	4	2	–	7-8	9+	2500	1	2
	Scilly (St. Mary's)	995.7	+6	NE	4	c	43	65	7	8	1	–	4-6	7-8	2500	1	3
	Guernsey ...	991.6	+10	E'N	5	id₀	41	85	6	5	–	–	10	10	2500	1	3
6	Pembroke ...	997.8	+4	NE	3	z₀	41	85	5	5	2	–	7-8	10	2500	1	2
7	Holyhead ...	1000.6	+6	NE'E	3	c	47	92	6	–	7	–	0	7-8	–	1	2
	Chester (Sealand)	1001.1	+10	NE	3	z₀	40	75	6	8	3	–	2-3	7-8	2500	1	*
8	Manchester ...	1001.3	0	ENE	4	z₀	40	65	5	8	3	9	4-6	4-6	2500	1	*
10	Spurn Head ...	1000.5	-6	NE	4	c	38	85	7	6	2	–	4-6	9+	2500	0	3
	Catterick ...	1002.7	-2	NNE	1	c/r	37	85	7	5	–	–	9+	9+	2500	1	*
	Tynemouth ...	1003.1	-8	E	4	c/pr	40	85	7	9	–	–	7-8	7-8	800	1	2
11	Inchkeith ...	1005.7	0	NE	2	c	38	97	8	8	–	–	9+	9+	2500	0	2
	Leuchars ...	1005.6	+2	ENE	3	c/phr	38	85	7	4	–	1	9	9+	1500	1	*
12	Renfrew (Abbotsl.)	1004.9	+6	ENE	4	z₀	39	85	6	4	6	–	7-8	9	4000	1	*
	Eskdalemuir ...	1004.1	+2	NE'E	3	c	35	85	7	9	2	6	4-6	7-8	1500	4	*
	Point of Ayre...	1002.7	-2	ESE	3	c	41	85	7	8	1	–	4-6	10	1500	1	2
13A	Tiree ...	1004.9	+4	SE'E	3	ir₀	39	92	6	5	2	–	7-8	10	1500	0	2
13B	Stornoway ...	1007.8	+6	E	4	c	41	75	8	5	4	–	4-6	7-8	2500	1	2
15	Dalwhinnie ...	*	0	NE'E	3	bc	34	75	7	4	5	–	2-3	4-6	2500	8	*
	Aberdeen ...	1006.9	-2	NE'E	3	r₀/₀	37	85	7	9	2	–	7-8	10	1500	1	2
	Wick ...	1008.7	0	E	4	rr	37	97	7	5	2	–	7-8	10	800	1	3
16	Lerwick ...	1013.8	+4	SE	4	phr	35	85	7	5	2	–	7-8	10	800	0	*
17	Blacksod Point	1001.2	+4	NW	1	c	42	85	8	9	–	–	7-8	7-8	1500	0	2
18	Malin Head ...	1003.4	+6	ESE	3	c	39	85	7	5	1	–	7-8	9+	2500	0	1
	Aldergrove ...	1003.1	+4	NE'E	1	c	38	85	7	5	7	–	Tr	9+	4000	1	*
19	Birr Castle ...	1001.1	*	NNE	1	c	39	75	8	5	7	–	2-3	7-8	2500	1	*
20	Valentia Obsy. †	1000.9	+8	NW'W	2	b	43	75	9	1	4	1	Tr	1	4000	1	2
	Roches Point	1000.8	+10	NE	3	c	40	75	8	3	4	–	4-6	7-8	1500	1	3

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)	c.o.f.c.y	cz₀	cz₀	cm₀
	Croydon ...	c.b.c.cz₀	cz₀	cz₀m₀,bm₀	bm₀xcm
	S. Farnborough	b.c.cz₀	cz₀	cz₀om₀	cm₀x
	Boscombe Down	b.c.cz₀	cz₀	cz₀bc	b.c.c.m₀
	Calshot (Sthmtn.)	cm₀	ccm₀	cm₀	cm₀
	Lympne ...	b.c.cz₀	cz₀	c.b.c.m₀	bcm₀
	Manston ...	b.c.cz₀c	cz₀	bcm₀	c.b.c.c.m₀
2	Shoeburyness ...	b.c.c.m₀	cm₀c	c.b.c.c	c
	Felixstowe ...	cm₀c	c	c.b.c	cm₀
	Gorleston ...	bcq	bcqc	cpr₀cq	cq
	Mildenhall ...	bcz₀bc	bcz₀yc	c,bx	b,cz₀
	Cranwell ...	b.c.c.m₀c	cpr₀	c	cpr ir
3	Birmingham ...	c	c	c	com
	Upper Heyford	cm₀x	cm₀c	c	cm₀
4	Ross-on-Wye	cm₀	cz₀	cz₀	com₀
5	Portland Bill ...	c	c	cir₀	oc
	Plymouth ...	b.c.c.m₀r₀	cir₀z₀	cz₀ir₀	cm₀
	The Lizard ...	cq	cm	cpr₀c	c
	Scilly (St. Mary's)	c	c	or₀rrc	cir₀c
	Guernsey ...	oid₀	oid₀	oid₀rr	orr
6	Pembroke ...	bcm₀qc	bcm₀c	c	cm₀c
7	Holyhead ...	cm₀	cm₀		bcc
	Chester (Sealand)	cxz₀	cbccz₀	cz₀m₀	cr₀r₀m₀
8	Manchester ...	cmbqfcz₀	cz₀bcz₀	bcm₀cm₀	cm₀id₀
10	Spurn Head ...	bcc	c	r₀o	irpro
	Catterick ...	mxcm₀c	cycr	cprc	cphcm₀r₀
	Tynemouth ...	bc	bcp₀	oir₀	oir₀
11	Inchkeith ...	c	c	crs	rsc
	Leuchars ...	cm₀bcc	cph₀pr₀	cpr₀s₀,c	cr₀s₀pr₀s₀
12	Renfrew (Abbotsl.)	cir₀fmz₀	cbccz₀	cbcm₀	cr₀r₀m₀c
	Eskdalemuir ...	cbcm₀	pr₀s₀x	psh₀bcx	cis₀m₀
	Point of Ayre...	co	oco	oc	bco
13A	Tiree ...	id₀c	cir₀	cid	c
13B	Stornoway ...	bcc	c	cbc	bcpr₀c
15	Dalwhinnie ...	cis	isoc	*	cis
	Aberdeen ...	PRHbc	PRHr₀	er₀r₀	cr₀r₀
	Wick ...	r₀rpr	crr	cphr	crrc
16	Lerwick ...	cphr₀	cr₀phr	c	c
17	Blacksod Point	bc	bc	pr₀c	prc
18	Malin Head ...	c ⊕	c	c	bcc
	Aldergrove ...	s,rs₀,sh	cz₀c	cir₀c	cxir₀c
19	Birr Castle ...	bcc	c	cbc	bccx
20	Valentia Obsy. †	bcxbvy	bvyb	bbccw	cwbcx
	Roches Point	cir₀c	cpr₀c	cbcb	bxz₀

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.*

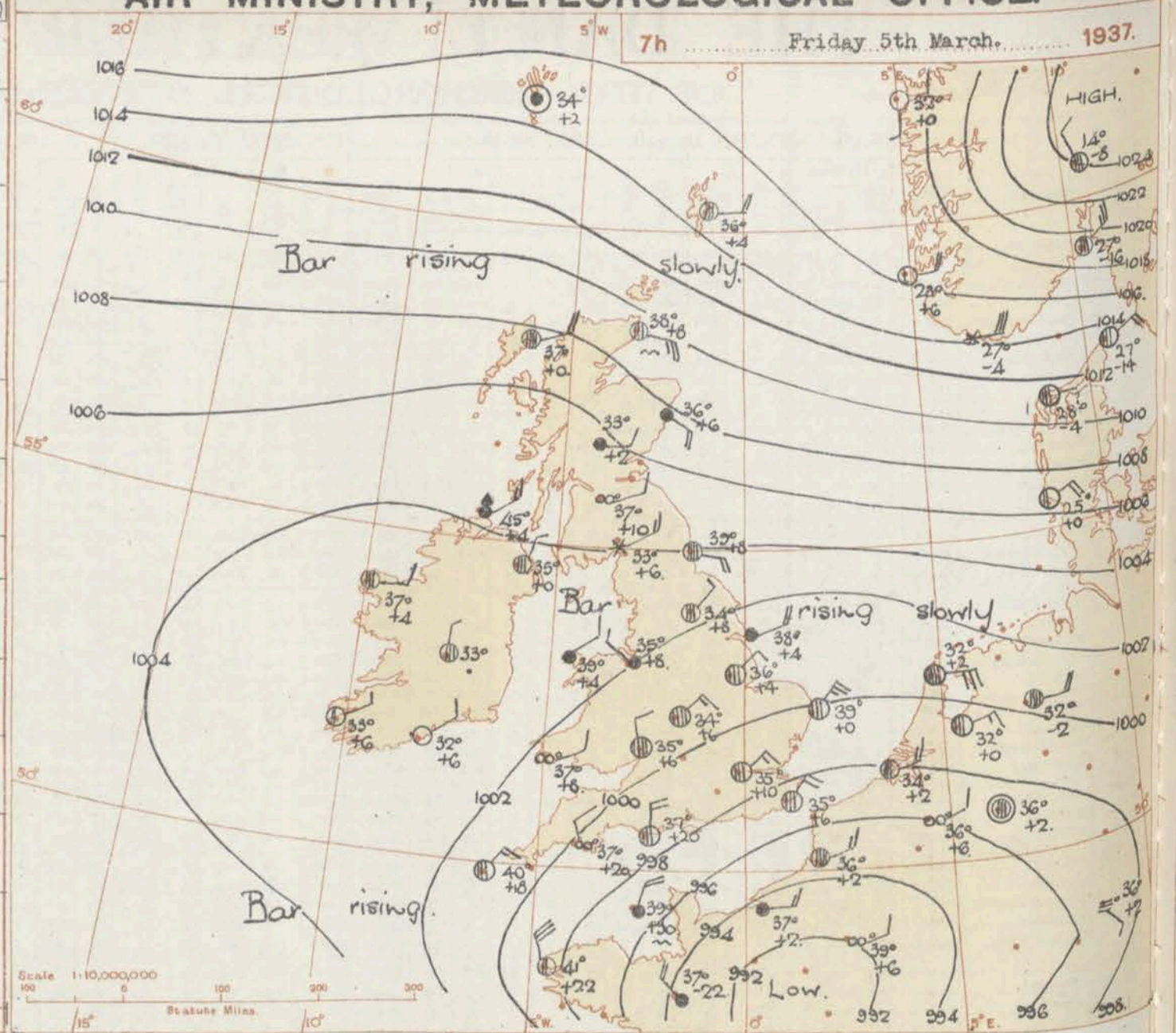
† Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 4th March 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.	cco	o	31	44	–	–	0·0	2·9
	Bournemouth	o	o	36	45	–	–	0·0	4·7
	Ventnor ...	o	oz	41	44	–	–	0·0	5·6
	Southsea ...	oc	o	38	47	–	–	0·2	6·0
	Bognor Regis	ocbcc	co	37	45	–	–	0·3	3·9
	Littlehampton	c	c	37	46	–	–	0·3	3·8
	Worthing ...	c	c	37	45	–	–	0·1	4·3
	Brighton ...	c	c	37	46	–	–	0·0	3·3
	Eastbourne† ...	o	oc	41	44	–	–	0·0	4·5
	Hastings† ...	cbcc	c	39	45	–	–	0·1	4·1
	Folkestone ...	c	coc	38	44	–	–	0·2	4·4
	Dover ...	yc	c	39	45	–	–	0·8	4·9
	Deal	co	o	42	44	–	–	1·2	2·9
	Ramsgate ...	bcc	c	40	43	–	–	1·5	2·0
	Margate ...	bcc	c	40	44	–	–	2·2	2·2
2	Southend ...	coc	coc	38	44	–	–	0·2	1·6
	Maldon ...	co	o	39	43	–	–	0·6	0·2
	Clacton-on-Sea	bc	bcc	38	43	–	–	2·3	0·0
	Dovercourt ...	bcv	bcv	38	44	–	–	4·1	0·0
	Lowestoft ...	b	bbcc	38	42	–	–	5·7	0·5
	Skegness ...	b	bc	37	41	–	–	8·0	1·4
	Mablethorpe...	bcbbc	bcc	34	41	–	–	6·7	1·2
	Cleethorpes ...	bbc	bc	33	44	–	–	7·7	1·3
3	Leamington S.	co	oc	32	44	–	–	0·0	3·0
4	Cheltenham†	c	c	34	44	–	–	0·2	3·4
5	Bath	c	c	34	44	–	–	0·0	1·6
	Weymouth ...	c	c	38	45	–	–	0·0	4·9
	Jersey ...	cpco	o	37	42	Trace	–	0·0	6·1
	Torquay ...	oz	oz	37	45	–	–	0·0	3·5
	Penzance ...	c	c	39	46	–	–	0·6	2·7
	St. Ives ...	c	c	39	44	–	–	0·3	2·8
	Bude... ...	c	c	36	43	–	–	0·0	5·6
	Ilfracombe ...	bcco	oco	36	44	–	–	0·0	7·0
6	Aberystwyth	zoc	cz	35	46	–	–	0·2	5·0
7	Llandudno ...	c	coc	32	43	–	–	0·2	0·2
	Colwyn Bay...	oc	co	30	43	–	–	0·0	1·0
	Rhyl	bccm	cm	32	44	–	–	0·1	3·4
8	Wallasey ...	ps,c	c	34	44	Trace	–	0·0	3·4
	Southport ...	ocbcc	cz	32	43	–	–	0·7	2·2
	Blackpool ...	c	c	32	43	–	–	1·0	1·7
	Morecambe ...	cbbcc	cbcc	35	44	4	–	2·3	0·4
9	Ilkley... ...	o	c	33	42	1	–	1·1	1·8
	Harrogate ...	cbc	cbc	32	41	Trace	–	3·0	0·8
10	Berwick-on-T.	cbc	rsc	36	44	–	0·1	4·5	3·3
11	Dunbar ...	bc	bch	35	43	–	Trace	2·2	2·3
12	Troon... ...	cbcc	bcc	36	47	Trace	–	3·1	3·5
	Douglas ...	crz	bcpz	37	42	0·3	Trace	1·6	1·7

† 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.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 5th March, 1937.

Districts.	Forecasts
1 S.E. England 2 E. England ...	Moderate northeasterly winds; cloudy, local showers of rain or sleet; rather cold.
3 E. Midlands ... 4 W. Midlands ...	Moderate easterly winds; cloudy, rain or sleet showers; slight snow on high ground; rather cold.
5 S.W. England 6 South Wales ...	Light northeasterly to variable winds; cloudy, showers of rain or sleet locally; rather cold.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W. Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	As 3 - 4.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Easterly or variable winds, light to moderate; cloudy then bright periods; showers of rain or sleet; rather cold with ground frost inland at night.

GENERAL INFERENCE.

An almost stationery depression centred over France is decreasing in intensity and another on the Atlantic is moving eastwards. Weather will continue rather cold and cloudy with local wintry showers.

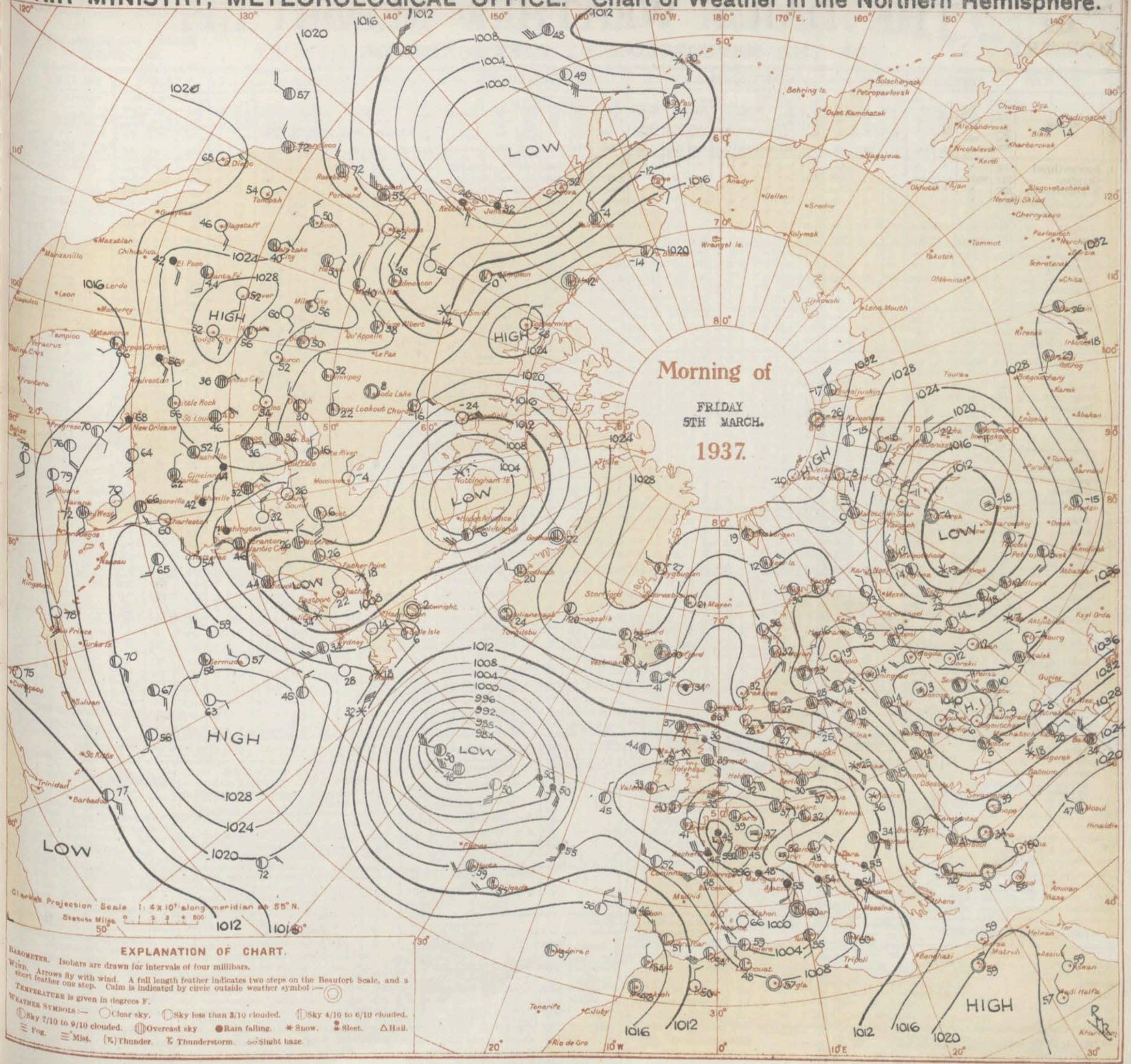
FURTHER OUTLOOK.

Continuing rather cold in the East, probably becoming somewaht milder in the extreme Southwest.

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

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

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 5th March, 1937.
No. 27497.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility. 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	997·4	+2	NE	3	Z_o	34	92	5	-	-	-	0	0	—
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	996·8	+2	ENE	4	Z_o	38	75	6	5	-	2	1	4-6	2500
	Manston ...	142	996·6	-2	ENE	4	c	40	75	6	-	2	-	0	10	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1000·3	0	NE'E	4	c	38	85	6	5	-	-	10	10	2500
	Mildenhall ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	996·2	+8	NE	4	o	38	85	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	998·3	+12	N	3	c	38	75	7	5	-	-	9+	9+	2500
	Scilly (St. Mary's)	163	999·3	+12	NNE	5	c	38	97	6	8	-	-	9	9	1500
	Guernsey ..	175	993·7	+10	ENE	5	rr	41	85	6	5	-	-	10	10	1500
6	Pembroke ...	142	999·5	+8	NE'N	3	c	37	97	7	5	-	-	10	10	2500
7	Holyhead ...	26														
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1002·3	0	E'S	4	ir$_o$	39	75	7	5	-	-	10	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1003·6	+4	SE	4	o/r	38	85	7	6	-	-	10	10	800
11	Inchkeith ...	190	1005·2	-2	ENE	3	rs	36	97	7	5	-	-	10	10	800
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1003·0	+2	E'N	3	c	38	97	8	9	-	-	7-8	7-8	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1008·0	0	E	4	bc	38	85	8	5	-	-	4-6	4-6	4000
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1009·3	+4	ESE	4	phr	38	92	7	5	2	-	7-8	10	800
16	Lerwick ...	156	1014·7	+4	ESE	4	c	36	75	8	8	2	-	7-8	10	800
17	Blacksod Point	18	1004·1	+10	E	2	b	38	85	8	1	-	-	1	1	2500
18	Malin Head ...	84	1004·7	+4	SSE	1	c	37	97	7	5	-	-	9+	9+	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1001·9	+2	E	1	ir$_o$	39	92	8	6	-	-	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High (25)	Amount Low 0–10 (26)	Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 * (30)
1	London (Kew)	998·2	+4	NNE	4	Z_o	37	85	6	5	-	-	9+	9+	1500	1	*
	Croydon ...	998·1	+10	NE	3	m	35	92	4	5	3	-	7-8	9+	2500	1	*
	S. Farnborough	998·5	+6	NNE	2	Z_o	34	92	5	5	3	2	4-6	9	2500	3	*
	Boscombe Down	998·9	+8	N'E	4	Z_o	34	97	6	5	2	-	7-8	10	1500	1	*
	Calshot (Sthmtn.)	998·2	+12	N	3	Z_o	36	92	6	-	7	7	0	10	-	1	§2
	Lympne ...	997·2	+6	NE'N	4	Z_o	35	85	6	5	-	1	7-8	7-8	1500	1	§3
	Manston ...	997·1	+2	NE'N	4	Z_o	39	75	6	8	-	1	7-8	7-8	1500	1	*
2	Shoeburyness ...	998·0	+2	NE	4	c	39	85	7	8	-	-	9+	9+	2500	1	*
	Felixstowe ...	998·8	+4	NE'N	4	Z_o	40	75	6	5	2	-	9+	10	1500	1	3
	Gorleston ...	1000·7	0	NE'N	5	c	39	75	6	8	-	-	10	10	2500	0	3
	Mildenhall ...	999·9	+8	NE	3	Z_o	36	92	6	5	-	-	10	10	2500	1	*
	Cranwell ...	1001·6	+4	NE'E	1	c/r	36	92	6	8	-	-	9+	9+	1500	1	*
3	Birmingham ...	1001·6	+6	NE	3	m	34	92	4	5	-	-	10	10	800	1	*
	Upper Heyford	1000·2	+6	NNE	3	Z_o	33	97	6	5	7	8	7-8	9+	1500	1	*
4	Ross-on-Wye	1001·0	+6	N	2	Z_o	35	92	5	5	-	-	10	10	800	1	*
5	Portland Bill ...	998·0	+20	NNE	4	c	37	92	7	4	-	-	10	10	2500	1	3
	Plymouth ...	1000·7	+20	N'W	2	Z_o	37	85	6	5	2	-	1	10	1500	1	1
	The Lizard ...	1001·1	+12	N'W	3	c	37	85	8	5	-	-	9	9	1500	1	2
	Scilly (St. Mary's)	1001·8	+18	NE'N	3	c	40	75	7	8	2	-	4-6	7-8	1500	1	2
	Guernsey ..	997·3	+30	NNE	4	rr	39	92	6	5	-	-	10	10	800	2	4
6	Pembroke ...	1001·4	+8	ENE	2	Z_o	37	85	6	5	2	-	2-3	10	2500	1	1
7	Holyhead ...	1002·3	+4	NE	2	r	39	97	7	5	2	-	4-6	10	4000	1	2
	Chester (Sealand)	1002·0	+8	NW	1	r$_o$r$_o$	35	92	5	-	2	-	10	10	2500	1	*
8	Manchester ...	1002·1	+10	NE	2	id$_o$	37	85	5	5	2	-	9	10	1500	1	*
10	Spurn Head ...	1001·1	+4	ENE	4	ir$_o$	38	75	7	5	2	-	7-8	10	1500	1	3
	Catterick ...	1003·7	+8	NE'E	1	c/r	34	97	6	5	2	-	7-8	10	1500	1	*
	Tynemouth ...	1004·4	+8	ESE	4	o	39	75	7	6	-	-	10	10	800	1	3
11	Inchkeith ...	1006·1	+4	E	3	c	37	97	7	5	-	-	10	10	2500	1	3
	Leuchars ...	1006·5	+4	ENE	2	c/rs	37	85	6	8	1	-	9+	10	1500	1	*
12	Renfrew (Abbots L.)	1006·0	+10	ENE	2	Z_o	37	85	6	5	-	-	10	10	1500	1	*
	Eskdalemuir ...	1005·0	+6	ENE	3	is$_o$	33	92	6	6	2	-	9	10	800	1	*
	Point of Ayre...	1002·9	0	E'N	3	o	39	97	8	6	-	-	10	10	1500	1	2
13A	Tiree	1005·3	0	ENE	3	c	37	85	8	5	-	-	9+	9+	2500	0	2
13B	Stornoway ...	1008·0	0	ENE	4	c/pr	37	85	8	5	-	-	10	10	2500	1	2
15	Dalwhinnie ...	1008·3	+2	E	2	pr	33	85	6	3	7	-	4-6	10	2500	9	*
	Aberdeen ...	1008·8	+6	ESE	4	r$_o$r$_o$	36	92	6	6	2	-	9	10	800	1	3
	Wick ...	1009·8	+8	ESE	5	c/r	38	97	7	9	2	-	7-8	10	800	1	4
16	Lerwick ...	1015·3	+4	E	4	c	36	65	8	8	7	-	7-8	9+	1500	1	*
17	Blacksod Point	1004·4	+4	E	2	c	37	85	8	-	7	-	0	10	-	1	2
18	Malin Head ...	1004·9	+4	NE	3	phr	38	92	7	9	-	-	9+	9+	1500	0	1
	Aldergrove ...	1004·2	0	NNE	1	c/r	35	92	7	5	7	-	4-6	10	1500	1	*
19	Birr Castle ...	1003·3	*	N	1	c	33	97	8	5	-	-	10	10	2500	1	*
20	Valentia Obsy. †	1002·8	+6	NE'E	1	bc	33	85	8	-	3	-	0	4-6	-	1	3
	Roches Point	1003·3	+6	NE	2	b	32	97	6	5	-	-	Tr	Tr	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 4th Hrs. (36)
1	London (Kew)	45	35	31	-	-	0·7
	Croydon ...	44	33	29	-	-	0·1
	S. Farnborough	45	32	27	-	-	1·0
	Boscombe Down	43	33	31	-	-	0·0
	Calshot (Sthmtn.)	45	36	34	-	-	0·2
	Lympne ...	43	35	31	-	-	0·2
	Manston ...	44	37	35	-	-	2·2
2	Shoeburyness ...	45	36	31	-	-	0·2
	Felixstowe ...	44	38	36	-	-	4·1
	Gorleston ...	42	36	34	-	Tr	6·3
	Mildenhall ...	44	32	28	-	Tr	5·0
	Cranwell ...	45	35	33	Tr	0·5	5·7
3	Birmingham ...	42	34	31	-	-	0·0
	Upper Heyford	43	33	29	-	-	*
4	Ross-on-Wye	42	35	31	-	-	0·0
5	Portland Bill ...	44	36	*	-	0·3	*
	Plymouth ...	42	37	36	Tr	Tr	0·0
	The Lizard ...	44	35	*	-	Tr	*
	Scilly (St. Mary's)	45	36	*	-	14	0·9
	Guernsey ..	43	39	37	Tr	19	0·0
6	Pembroke ...	45	36	*	-	-	0·2
7	Holyhead ...	43	38	33	-	Tr	0·1
	Chester (Sealand)	44	34	28	-	Tr	1·3
8	Manchester ...	43	33	26	-	Tr	0·8
10	Spurn Head ...	44	36	*	-	2	7·0
	Catterick ...	43	33	32	Tr	2	3·1
	Tynemouth ...	43	36	33	Tr	1	7·5
11	Inchkeith ...	*	35	32	-	2	2·1
	Leuchars ...	44	34	33	1	2	2·3
12	Renfrew (Abbots L.)	44	33	29	Tr	0·3	0·6
	Eskdalemuir ...	41	33	30	Tr	0·3	3·4
	Point of Ayre...	43	38	*	-	Tr	0·8
13A	Tiree	43	35	32	Tr	Tr	0·4
13B	Stornoway ...	43	36	*	-	Tr	4·7
15	Dalwhinnie ...	39	30	28	0·1	1	0·2
	Aberdeen ...	(45) 45	35	34	5	2	3·2
	Wick ...	42	35	*	0·5	3	*
16	Lerwick ...	41	34	*	1	Tr	0·0
17	Blacksod Point	44	30	*	-	3	*
18	Malin Head ...	43	36	*	-	Tr	0·2
	Aldergrove ...	43	30	26	3	Tr	1·7
19	Birr Castle ...	45	31	22	-	-	1·8
20	Valentia Obsy. †	47	32	28	Tr	Tr	8·9
	Roches Point	45	32	*	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 24 hrs. ended 9h. Morning.	Afternoon.	Night.	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Night. mm.	Sunshine to Sunset hrs. Yesterday.	Humidity. 15h. G.M.T %	9h. G.M.T % To-day.	Visibility 9h.
KEW	18	cxofcy	cz$_o$	cz$_o$cm$_o$	45	35	31	-	-	0·7	*	*	6
CROYDON	217	cbcz$_o$	cz$_o$	cz$_o$m$_o$bm$_x$	44	33	29	-	-	0·1	*	*	4
GREENWICH (Royal Observatory)...	149	c	c	cbcm	45	34	28	-	-	0·3	72	80	5
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·4	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	45	35	30	-	-	0·3	62	85	*
REGENT'S PK. (Botanic Gardens)‡...	168	*	*	*	45	34	30	-	-	0·3	57	87	*
CAMDEN SQUARE	110	c	c	*	45	34	29	-	-	*	*	83	*
KENSINGTON	80	bcco	co	*	45	35	30	-	-	0·2	At 18h. 71	81	*
HAMPSTEAD OBSERVATORY	480	bc	c-	o	43	31	25	-	-	0·9	*	89	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

SOUTH KENSINGTON. Max.	Time.	Min.	Time.
0·8	9-10h 4th	0·3	0-4h 5th

KEW OBSERVATORY. Max.	Time.	Min.	Time.
0·5	9h 4th	0·1	2h 5th

FOREIGN OBSERVATIONS

Stations	18h. G.M.T. March 4th. Barom. mb.	Wind. Direc.	Force.	Weather.	Temp. °F.	7h. G.M.T. March 5th. Barom. mb.	Wind. Direc.	Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Night mm.
PARIS	992·3	E	8	id$_o$	37	993·0	ENE	2	Z_o	39	37	36	0·2	1
BRUSSELS	995·7	E	3	c	39	995·7	ENE	2	Z_o	36	46	36	-	Tr
BERLIN	1006·8	E	4	o	28	1003·0	E	3	Z_o	30	30	28	Tr	-
ZURICH	997·4	NW	1	c	37	999·2	NNE	1	m	34	*	*	-	4
ROME	1005·4	SE	6	rr	52	1003·9	SE	6	id	54	*	*	0·1	15

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

Saturday 6th March, 1937.
No. 27498.

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

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)	1004·1 (1·0)	+8	NNE	4	z₀	39	75	5	5	–	–	10	10	2500
	Croydon	1000·2	+12	NE'N	4	z₀	38	75	5	5	2	–	9	10	1500
	S. Farnborough	1001·0	+10	N'E	3	z₀	39	85	6	5	–	–	10	10	4000
	Boscombe Down	1001·9	+18	N'W	3	z₀	39	75	6	5	2	–	4-6	10	2500
	Calshot (Sthmtn.)	1001·2	+14	NW'N	4	z₀	40	75	6	5	1	–	7-8	10	2500
	Lympne	998·9	+6	NNE	5	z₀	39	85	6	5	2	–	7-8	10	800
	Manston	999·2	+6	NE	4	z₀	39	85	6	5	–	–	10	10	800
2	Shoeburyness	1000·1	+10	N'E	4	c	38	85	6	6	2	–	9+	10	800
	Felixstowe	1000·5	+2	NE'N	4	z₀	38	75	6	5	–	–	10	10	800
	Gorleston	1002·1	+4	NE	4	c	38	75	6	8	–	–	10	10	2500
	Mildenhall	1001·7	+4	NE	3	z₀	40	75	6	5	–	–	10	10	2500
	Cranwell	1003·5	+10	NE'E	3	c	38	85	7	8	–	–	10	10	1500
3	Birmingham	1003·6	+12	ENE	3	c/rs	37	85	5	6	–	1	4-6	7-8	1500
	Upper Heyford	1002·8	+18	NNE	3	z₀	38	75	6	5	–	–	10	10	1500
4	Ross-on-Wye	1003·1	+10	NW	2	id₀	37	92	4	5	1	–	9+	10	450
5	Portland Bill	1002·2	+20	NW	4	r₀r₀	39	92	7	5	–	–	10	10	1500
	Plymouth	1003·5	+10	N	2	c	40	75	7	5	1	–	4-6	10	1500
	The Lizard	1004·2	+10	W'N	2	bc	47	65	8	2	–	–	4-6	4-6	2500
	Scilly (St.Mary's)	1004·3	+8	NW	1	bc	49	65	7	2	–	–	4-6	4-6	2500
	Guernsey	1002·0	+36	N'W	4	rr	39	92	6	5	–	–	10	10	1500
6	Pembroke	1003·5	+12	N'E	2	c	42	65	7	5	1	–	7-8	9+	2500
7	Holyhead	1003·7	+6	NE'E	3	c	41	85	7	8	3	–	7-8	9	2500
	Chester (Sealand)	1004·1	+12	N	1	z₀	40	75	5	–	2	–	10	10	1500
8	Manchester	1004·4	+10	ENE	2	c/r	39	85	5	8	7	–	7-8	9+	1500
10	Spurn Head	1004·4	+10	ENE	5	c	39	75	7	5	2	–	9	10	1500
	Catterick	1005·5	+4	E'N	2	c/pr	38	75	7	9	7	–	4-6	10	2500
	Tynemouth	1005·7	+6	E	4	c	38	85	7	6	–	–	7-8	7-8	800
11	Inchkeith	1008·2	+8	E	4	c	38	92	8	8	–	–	9+	9+	2500
12	Leuchars	1008·8	+10	E	3	prs	37	85	7	9	–	–	10	10	1500
	Renfrew (Abbots I.)	1007·6	+10	E'N	4	c/pr	39	85	6	8	2	–	7-8	10	1500
	Eskdalemuir	1006·4	+8	E'N	4	is₀	37	85	7	4	–	7	7-8	9	800
	Point of Ayre	1005·3	+10	SE'E	3	c	43	85	8	8	1	–	1	9	1500
13A	Tiree	1007·1	+6	E	3	c	42	75	8	8	7	6	2-3	9+	2500
13B	Stornoway	1009·7	+6	ESE	5	c	41	85	8	5	4	9	4-6	9	2500
15	Dalwhinnie	1003·8	+4	E	2	ss	35	75	7	5	2	–	4-6	10	2500
	Aberdeen	1010·3	+10	E	4	c/p	37	75	7	9	7	–	4-6	9+	1500
16	Wick	1012·2	+8	ESE	5	c/pr	37	85	8	9	2	–	9	10	800
	Lerwick	1015·7	−2	ENE	4	c	35	75	8	8	8	–	4-6	7-8	1500
17	Blacksod Point	1005·1	0	E	3	c	42	85	7	–	1	–	0	10	–
18	Malin Head	1006·0	+4	ESE	3	c	41	92	7	8	–	–	9	9	1500
	Aldergrove	1005·1	+4	E	2	c	40	85	7	8	7	8	7-8	9+	1500
19	Birr Castle	1004·5	*	N	1	c	41	75	8	5	7	–	4-6	9+	2500
20	Valentia Obsy. †	1004·1	+2	S	2	bc	47	55	8	7	–	–	4-6	4-6	5700
	Roches Point	1005·0	+6	SE	2	bc	44	75	6	1	–	–	2-3	2-3	4000

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

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)	1004·1	+22	NNW	3	rr	37	85	5	6	2	–	10	10	1500	1	*
Croydon	1003·4	+22	N'E	2	rs	35	92	3	6	–	–	10	10	450	1	*
S. Farnborough	1004·6	+32	NW	1	sf	35	92	3	–	2	–	10	10	450	1	*
Boscombe Down	1004·9	+24	NW'N	3	rs	34	97	5	6	2	–	4-6	10	1500	1	*
Calshot (Sthmtn.)	1004·4	+26	NW	3	dr	36	97	5	5	2	–	9	10	1500	1	1
Lympne	1002·1	+26	N'W	4	ss	34	92	4	6	–	–	10	10	450	1	§ 1
Manston	1001·3	+18	NNE	4	ir₀	39	85	5	6	–	–	10	10	450	1	*
Shoeburyness	1002·6	+18	NNW	3	r₀r₀	36	97	6	6	2	–	7-8	10	800	1	*
Felixstowe	1002·8	+16	N	3	z₀	37	85	6	5	2	–	7-8	10	1500	1	3
Gorleston	1003·2	+8	NE'N	5	c	38	85	6	8	–	–	10	10	2500	0	4
Mildenhall	1003·8	+18	NE'N	3	z₀	38	75	6	5	–	–	10	10	2500	1	*
Cranwell	1005·4	+16	NE'N	3	phr	35	97	6	6	2	–	7-8	10	800	1	*
Birmingham	1005·6	+12	NNE	3	rs	36	85	4	6	–	–	10	10	800	1	*
Upper Heyford	1004·9	+18	N	3	rs	35	92	5	5	2	–	10	10	1500	1	*
Ross-on-Wye	1005·3	+12	N	2	ir₀	36	92	4	6	–	–	10	10	800	1	*
Portland Bill	1005·0	+24	NW	3	c	39	92	7	4	2	–	4-6	9	2500	1	3
Plymouth	1005·7	+18	N'W	2	z₀	42	75	5	5	3	–	2-3	4-6	1500	1	1
The Lizard	1005·8	+16	W'N	1	bc	43	65	8	7	7	–	4-6	4-6	2500	1	1
Scilly (St.Mary's)	1006·0	+10	W	2	bc	45	75	7	8	–	2	4-6	4-6	2500	1	2
Guernsey	1005·8	+30	NW'N	2	c	40	85	6	5	–	–	7-8	7-8	2500	1	3
Pembroke	1004·4	+6	NW	2	c	40	85	7	5	7	–	4-6	7-8	2500	1	1
Holyhead	1005·4	+18	NE'E	3	d₀d₀	40	85	5	–	2	–	10	10	5700	1	2
Chester (Sealand)	1005·6	+14	ENE	1	z₀	39	85	5	5	–	–	10	10	4000	1	*
Manchester	1005·9	+12	ENE	3	rf	37	85	3	5	2	–	7-8	10	1500	1	*
Spurn Head	1005·8	+12	NE'E	5	ir₀	37	85	7	5	–	–	10	10	450	1	4
Catterick	1007·9	+18	NE'E	1	rs	35	85	6	6	2	–	7-8	10	1500	1	*
Tynemouth	1007·8	+8	E	5	c/rs	36	85	7	6	2	–	7-8	10	800	1	3
Inchkeith	1009·3	+14	ENE	4	c	36	92	8	8	–	–	9+	9+	4000	0	3
Leuchars	1010·1	+12	E	3	c/rs	36	75	7	8	2	–	7-8	10	1500	1	*
Renfrew (Abbots I.)	1009·0	+14	E'N	4	r₀r₀	36	92	5	6	2	–	9	10	450	1	*
Eskdalemuir	1008·6	+12	E'N	4	s₀s₀	33	92	6	5	–	7	7-8	7-8	800	4	*
Point of Ayre	1006·6	+6	SSE	3	ps	40	92	7	8	1	–	4-6	10	1500	1	2
Tiree	1008·2	+8	E	3	c	39	85	7	5	7	8	1	7-8	2500	0	2
Stornoway	1010·9	+6	E	5	c	39	75	8	5	7	–	4-6	9	2500	1	3
Dalwhinnie	*	+12	E	4	is₀	30	97	7	8	5	8	7-8	10	2500	9	*
Aberdeen	1012·0	+8	E	3	c	35	65	7	7	–	1	7-8	7-8	2500	1	3
Wick	1013·1	+2	ESE	4	c	36	85	8	5	7	–	4-6	7-8	1500	1	3
Lerwick	1015·7	0	W	2	c	36	75	8	5	1	–	7-8	9	1500	1	*
Blacksod Point	1005·1	0	NE	1	bc	42	75	8	2	–	4	2-3	4-6	1500	0	2
Malin Head	1006·4	+6	SE	2	c/r	40	92	7	9	7	–	7-8	9+	1500	1	1
Aldergrove	1006·6	+10	E	2	z₀	37	85	6	5	7	–	4-6	10	2500	1	*
Birr Castle	1004·9	*	NNE	1	c	41	75	7	5	–	–	9+	9+	2500	1	*
Valentia Obsy. †	1004·2	+2	E	2	bc	42	75	8	5	–	–	4-6	4-6	7200	1	2
Roches Point	1005·2	+4	E'S	3	pr	41	92	7	3	6	–	4-6	7-8	1500	1	2

PAST 24 HOURS. — Weather.

Stations	7h.–13h. 5th (37)	13h.–18h. 5th (38)	18h. 5th to 1h. 6th (39)	1h.–7h. 6th (40)
London (Kew)	cm₀	cm₀rr	rrrsrs	rsxom₀
Croydon	cmm₀m	cr₀rsf	oFFssf	os₀ssfv₀
S. Farnborough	cm₀c	ir₀r₀r₀r₀s₀	s₀isr₀s₀f	r₀s₀fmo
Boscombe Down	cm₀	cm₀s₀r₀s₀	crs₀r₀s₀c	cm₀
Calshot (Sthmtn.)	cm₀	cdr₀r₀m₀	cr₀r₀bcm₀	cm₀
Lympne	cm₀om₀	or₀rsfsm	ossmf	ssffcm
Manston	cm₀	com₀ir₀	orrm₀	orrmo
Shoeburyness	cm₀c	m₀r₀r₀c	rsrs	rsrsbcx
Felixstowe	cm₀	cm₀	cr₀r₀m₀	cr₀r₀m₀
Gorleston	cq	cq	coq	or₀r₀q
Mildenhall	cz₀ir₀c	cz₀	cz₀m₀r₀m	or₀r₀s₀s₀
Cranwell	ir₀d₀d₀	d₀ph₀r₀r₀	cm₀r₀r₀	r₀r₀s₀s₀
Birmingham	s₀s₀r₀	cprs₀	r₀s₀s₀s₀	s₀s₀o
Upper Heyford	cm₀	cpr₀rs₀	cr₀sr₀r₀s	cr₀s₀s₀
Ross-on-Wye	r₀s₀om	d₀mir₀m	smrsddm	omf
Portland Bill	or₀	or₀c	bcbc	bccz₀
Plymouth	coir₀m₀c	cpr₀cz₀	cz₀b	bxc
The Lizard	cbc	bc	bcx	bcc
Scilly (St.Mary's)	cbc	bc	bcc	cp
Guernsey	orrir	orrir	cbcbw	bwbc
Pembroke	cm₀c	cm₀pr₀c	bcbx	bm₀cx
Holyhead	r₀r₀c	m₀d₀d₀o	m₀d₀d₀o	om₀c
Chester (Sealand)	cr₀r₀mz₀	cr₀z₀	cr₀v₀m	crsrsr₀m
Manchester	r₀sr₀r₀f	cprir₀f	cr₀fcm	cr₀r₀cm₀
Spurn Head	irc	oir₀	ir₀c	coprs
Catterick	m₀ps₀ph₀	m₀pr₀s₀ph₀	r₀s₀m₀cs₀	ol s₀ m₀
Tynemouth	ocp₀c	colrs	oirs	
Inchkeith	crsc	c	cis₀	cis₀
Leuchars	cph₀pr₀s₀	cpr₀s₀	crsps₀	cpsps
Renfrew (Abbots I.)	cm₀ir₀	cm₀r₀r₀	r₀cm₀	cm₀c
Eskdalemuir	css₀is₀	psh₀s₀s₀	s₀bcis₀	bcxcx
Point of Ayre	or₀rc	co	or₀r₀	r₀ro
Tiree	cidc	ciy	c	c
Stornoway	cr₀r₀	c	bc	bc
Dalwhinnie	css	ciso	*	c
Aberdeen	prsh₀	prshc	bccps₀	cps₀
Wick	cpr₀c	c	c	c
Lerwick	cph₀	c	cphbc	bc
Blacksod Point	c	phc	bc	bc
Malin Head	cpr	cirr₀	cprphsc	c
Aldergrove	ccr₀r₀c	ccpr₀rs	cm₀,rs	crs,r₀d₀
Birr Castle	c	c	c	cx
Valentia Obsy. †	bcxcbcy	bcycbc	cpr₀c	cbcwc
Roches Point	bxbcz₀	bccpr₀	cprc	cpr₀c

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.*

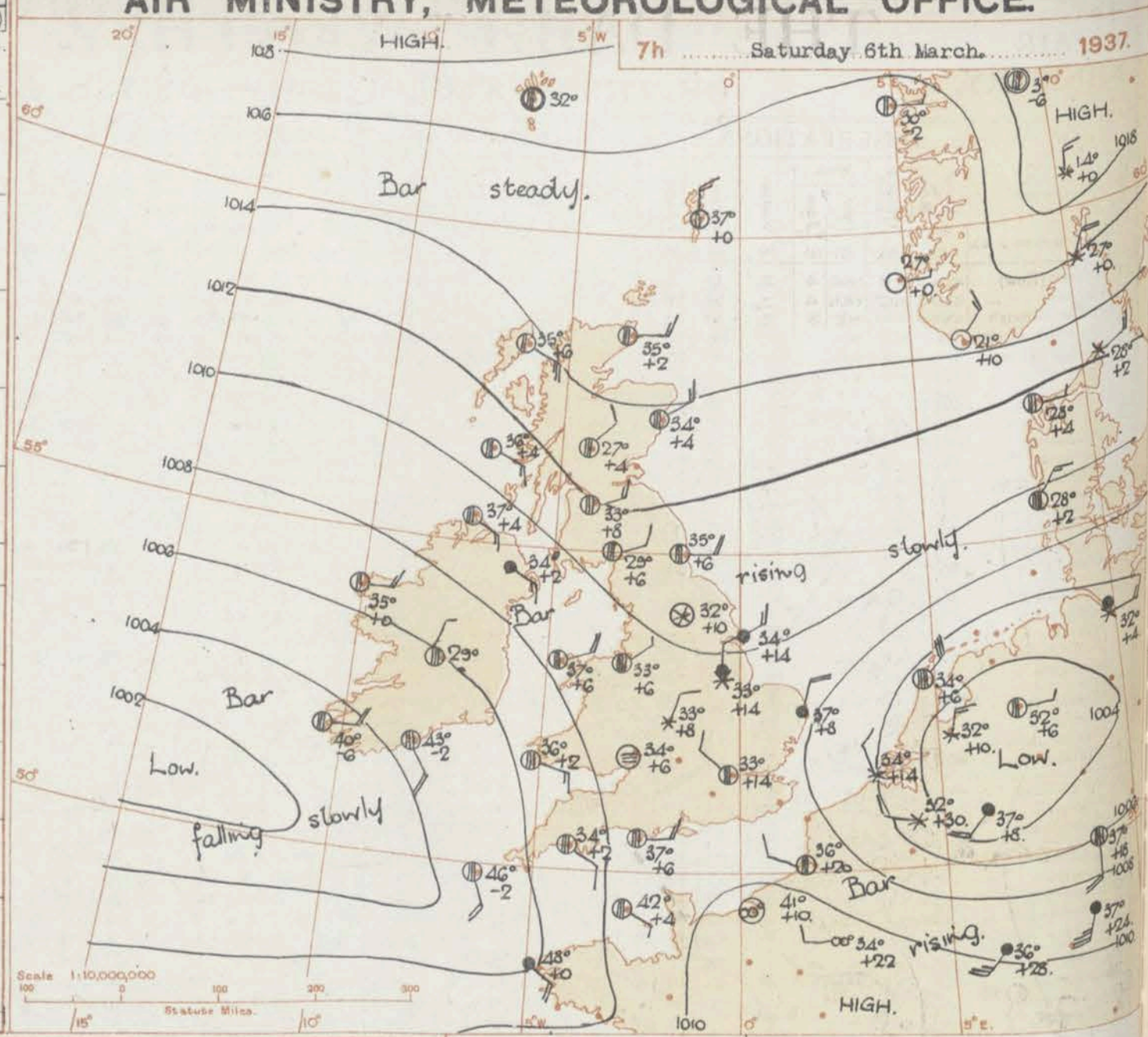
§ Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for March 5th 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.	o	opos	34	39	–	2	0·0	0·0
	Bournemouth	o	od	35	41	–	1	0·0	0·0
	Ventnor ...	oz	orsz	36	41	–	3	0·0	0·0
	Southsea ...	o	orsm.	36	41	–	1	0·0	0·2
	Bognor Regis	cbc	rco	36	43	–	2	0·2	0·3
	Littlehampton	co	orr	35	42	–	3	0·0	0·3
	Worthing ...	c	orrs	36	41	–	2	0·0	0·1
	Brighton ...	bcrc	cdc	36	41	–	2	0·2	0·0
	Eastbourne† ...	or.	rrrsrs	38	41	–	5	0·0	0·0
	Hastings† ...	ccor	orss	36	44	–	3	0·1	0·1
	Folkestone ...	om.co	oorb.	38	41	–	0·5	0·0	0·2
	Dover ...	o	or	39	41	–	Trace	0·0	0·8
	Deal	oq	oq	40	41	–	–	0·0	1·2
	Ramsgate ...	c	c	39	40	–	–	0·0	1·5
	Margate ...	c	c	39	41	–	–	0·0	2·2
2	Southend ...	o	or.o	36	39	–	Trace	0·0	0·2
	Maldon ...	o	o	36	38	–	–	0·0	0·8
	Clacton-on-Sea	o	og	38	39	–	–	0·0	2·3
	Dovercourt ...	o	o	35	38	–	–	0·0	4·1
	Lowestoft ...	c	c	35	39	0·3	–	0·0	5·7
	Skegness ...	op b.o	or.	37	39	–	Trace	0·0	8·0
	Mablethorpe...	ocoir.	ohir	35	39	0·3	1	0·0	6·7
	Cleethorpes ...	bccr.	crh.	36	40	1	Trace	0·3	7·7
3	Leamington S.	c	co	35	41	–	–	0·0	0·0
4	Cheltenham†	op.c	orsm	34	39	–	1	0·0	0·2
5	Bath	c	cr.r.	35	39	–	1	0·0	0·0
	Weymouth ...	c	p.c	35	40	–	0·2	0·0	0·0
	Jersey ...	rr	rc	38	42	23	2	0·3	0·0
	Torquay ...	om.p.	obcz.	36	43	–	0·2	0·4	0·0
	Penzance ...	b	b	37	48	–	–	6·4	0·6
	St. Ives ...	c	b	40	47	–	–	7·1	0·3
	Bude... ...	c	cbc	36	43	–	–	2·4	0·0
	Ilfracombe ...	bcco	cbccz	37	43	–	–	0·5	0·0
6	Aberystwyth	zoir	irz	35	41	–	2	0·0	0·2
7	Llandudno ...	r.c	co	37	40	Trace	0·1	0·0	0·2
	Colwyn Bay...	rrpc	c	36	40	3	1	0·0	0·0
	Rhyl	cr.c	cogc	36	40	Trace	0·1	0·0	0·1
8	Wallasey ...	irogc	corf	34	41	Trace	1	0·0	0·0
	Southport ...	ir.c	coz	33	41	1	0·3	0·1	0·7
	Blackpool ...	obrso	copo	35	42	0·4	0·1	0·4	1·0
	Morecambe ...	cbc	cbcc	34	41	Trace	–	0·5	2·3
9	Ilkley... ...	o	prso	33	38	1	0·5	0·0	1·4
	Harrogate ...	cirs.	cirs.	33	38	1	0·3	0·1	3·0
10	Berwick-on-T.	cs.b.	s.b.c	35	40	1	0·4	0·8	4·5
11	Dunbar ...	ophs	ophs	34	39	3	1	0·1	2·2
12	Troon... ...	cbc	cbccb	34	44	–	–	2·6	3·1
	Douglas ...	cpr.	cprs.	35	40	Trace	0·3	0·0	1·6

† 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. 6th March, 1937.
1 S.E. England 2 E. England ...	Light variable to southeasterly winds; cloudy; sleet or snow at first; rain later; rather cold, temperature rising.
3 E. Midlands ... 4 W. Midlands...	Light to moderate southeasterly winds, freshening; cloudy; sleet or snow at times; rather cold.
5 S.W. England 6 South Wales ...	Southeasterly winds, light to moderate; cloudy; rain or sleet at times; average temperature.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	As 3 - 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 17 N. W. Ireland 18 N. E. Ireland	Easterly winds, fresh locally; cloudy with local wintry showers; rather cold.
19 S. E. Ireland 20 S. W. Ireland	As 5 - 6.

GENERAL INFERENCE.

Depressions over Germany and on the Atlantic are almost stationary while a trough of low pressure over the Bay of Biscay is moving northeastwards slowly. There will be further wintry showers generally and later some rain in the South.

FURTHER OUTLOOK.

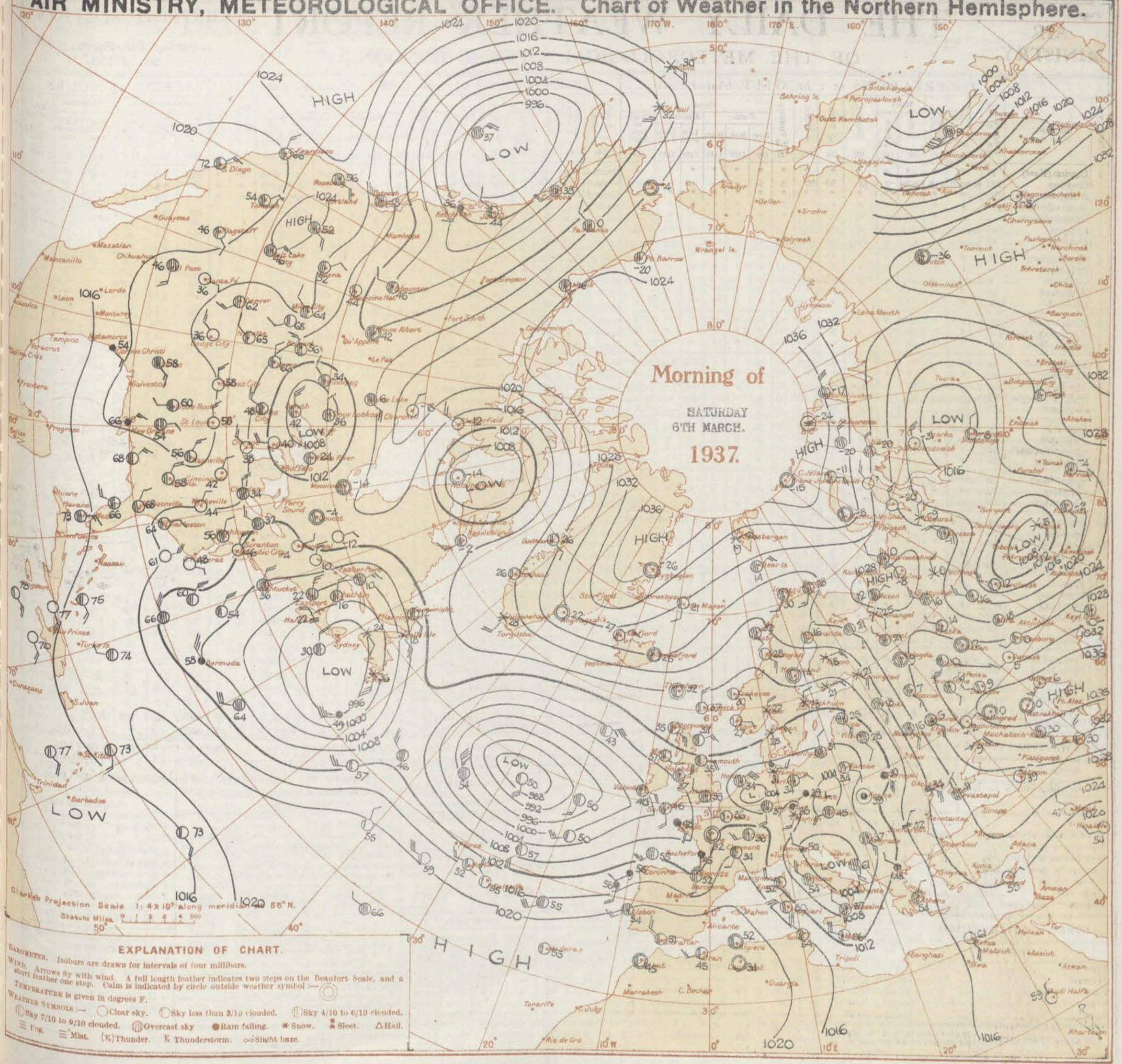
Continuing rather cold in the North; tending to become milder in the South and Southwest.

Forecasts issued at 1025 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.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 6th March, 1937
No. 27498.

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

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	+18	NW'W	2	sf	33	97	3	6	–	–	10	10	<150
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1005·9	+20	NW	3	sf	32	97	2	–	–	–	10	10	<150
	Manston ...	142	1005·0	+16	N	3	$r_o r_o$	37	85	5	6	–	–	10	10	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1005·5	+12	NNE	4	0	38	85	7	6	–	–	10	10	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1007·6	+16	N	3	bc	34	92	7	4	–	–	4·6	4·6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1007·0	0	SE	2	bc	41	75	8	2	–	–	2·3	2·3	2500
	Scilly (St. Mary's)	163	1006·3	–2	S'E	3	'c	44	75	8	8	–	–	9+	9+	2500
	Guernsey ..	175	1006·7	+10	–	0	b	35	97	6	5	–	–	0	0	–
6	Pembroke ...	142	1006·8	+6	E'N	2	b	35	92	7	5	–	–	1	1	2500
7	Holyhead ...	26	1007·4	+8	E'N	4	0	37	97	7	1	2	–	0	10	–
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1007·3	+12	NE	4	c	37	85	7	5	2	–	4·6	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1009·9	+6	E	4	o/rs	36	75	8	–	2	–	10	10	800
11	Inchkeith ...	190	1011·8	+8	SE	3	c	34	85	8	5	–	–	7·8	7·8	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1008·8	+8	SE	4	$r_o r_o$	37	97	7	8	–	–	10	10	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1013·0	+6	NE	5	bc	36	75	8	5	–	–	4·6	4·6	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1014·4	+4	E	3	prc	36	65	8	8	1	–	4·6	7·8	1600
16	Lerwick ...	156	1015·5	–2	NW	3	bc	34	85	8	8	–	–	4·6	4·6	1500
17	Blacksod Point	18	1006·4	+4	–	0	b	37	92	7	4	–	–	1	1	1500
18	Malin Head ...	84	1008·2	+8	SE	2	c	38	92	7	9	–	–	9	9	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1004·1	0	E	3	b	38	97	8	–	–	–	0	0	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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	+16	NW	1	Z_o	34	95	6	5	–	–	10	10	800	5	*
	Croydon ...	1009·0	+14	NW'W	2	c/r	33	97	4	5	–	–	10	10	800	6	*
	S. Farnborough	1009·5	+12	N'E	1	m	33	97	4	5	–	–	10	10	800	4	*
	Boscombe Down	1009·5	+4	–	0	Z_o	33	85	6	5	–	–	10	10	1500	1	*
	Calshot (Sthmtn.)	1009·3	+16	N	1	Z_o	34	92	6	5	2	–	7·8	10	450	1	1
	Lympne ...	1008·7	+16	NNW	3	m	33	97	4	5	..	–	9+	9+	800	6	§0
	Manston ...	1008·0	+18	NNW	4	ir	36	92	5	6	2	–	4·6	10	450	1	*
2	Shoeburyness ...	1006·5	+12	NNW	2	Z_o	33	92	5	–	4	–	0	1	–	1	*
	Felixstowe ...	1006·4	+20	NW	3	$r_o r_o$	34	97	5	6	2	–	7·8	10	800	1	3
	Gorleston ...	1007·7	+8	NNE	4	$r_o r_o$	37	92	6	6	–	–	10	10	1500	1	4
	Mildenhall ...	1006·8	+12	NNW	2	$s_o s_o$	33	97	4	–	2	–	10	10	800	4	*
	Cranwell ...	1009·5	+14	N	1	rs	33	97	4	–	2	–	10	10	800	4	*
3	Birmingham ...	1009·7	+8	NNE	2	is_o	33	97	3	6	–	–	10	10	800	6	*
	Upper Heyford	1009·7	+12	NE	1	Z_o	32	97	6	5	7	–	4·6	7·8	1500	4	*
4	Ross-on-Wye	1009·1	+6	–	0	f	34	92	3	5	–	–	10	10	450	1	*
5	Portland Bill ...	1008·4	+6	E	3	c	37	92	6	4	2	–	7·8	10	2500	1	3
	Plymouth ...	1007·9	+2	ESE	2	c	34	92	7	–	9	–	0	7·8	–	1	0
	The Lizard ...	1008·6	0	ESE	4	c	45	85	8	8	6	–	9	10	2500	1	2
	Scilly (St. Mary's)	1005·0	+2	SSE	4	c/pr	46	75	8	8	7	–	7·8	10	1500	1	2
	Guernsey ..	1006·3	+4	ESE	1	c	42	85	8	1	7	–	4·6	7·8	2500	1	2
6	Pembroke ...	1007·2	+2	E'S	3	c	36	85	6	5	6	–	4·6	7·8	2500	1	1
7	Holyhead ...	1006·3	+6	E'N	4	c	37	97	6	5	–	–	7·8	7·8	4000	1	2
	Chester (Sealand)	1009·4	+6	NE	1	c/r	33	97	5	–	2	–	10	10	4000	1	*
8	Manchester ...	1009·7	+8	NE'E	2	Z_o	34	85	5	5	3	–	4·6	9	1500	1	*
10	Spurn Head ...	1010·5	+14	ENE	3	prs$_o$	34	97	5	5	–	–	10	10	800	1	3
	Catterick ...	1010·9	+10	–	0	is_o	32	92	5	–	2	–	10	10	1500	4	*
	Tynemouth ...	1010·7	+6	E	4	c	35	75	8	4	–	–	9	9	1500	1	2
11	Inchkeith ...	1011·9	+2	E	3	is_o	32	97	7	5	–	–	10	10	800	4	2
	Leuchars ...	1012·9	+8	E	3	c	34	75	6	7	2	–	7·8	10	1500	4	*
12	Renfrew (Abbots I.)	1011·8	+8	ENE	3	c	33	85	7	5	–	–	9+	9+	4000	1	*
	Eskdalemuir ...	1011·8	+6	ENE	2	c	29	85	8	5	2	–	2·3	10	1500	4	*
	Point of Ayre...	1009·9	+4	SE'S	3	c	35	97	7	8	1	–	4·6	10	1500	1	2
13A	Tiree	1011·1	+4	E'S	3	c	36	75	8	5	4	–	7·8	7·8	2500	0	2
13B	Stornoway ...	1014·2	+6	ESE	5	bc	35	75	8	5	7	–	2·3	4·6	2500	1	3
15	Dalwhinnie ...	1014·2	+4	NE	2	c	27	85	7	5	–	–	10	10	2500	9	*
	Aberdeen ...	1013·8	+4	NE'E	3	c/ps	34	65	8	9	3	–	9	9+	1500	4	2
	Wick ...	1014·8	+2	E	3	c	35	75	8	8	7	–	7·8	9+	1500	1	2
16	Lerwick ...	1015·1	0	N	3	bc	37	85	8	8	8	–	2·3	4·6	1500	4	*
17	Blacksod Point	1006·4	0	E	3	bc	36	92	7	4	–	–	2·3	2·3	2500	0	2
18	Malin Head ...	1008·6	+4	ESE	3	c	37	92	7	5	–	–	9+	9+	1500	0	1
	Aldergrove ...	1008·7	+2	E'S	3	$d_o d_o$	34	97	7	5	2	–	4·6	10	1500	1	*
19	Birr Castle ...	1005·0	*	NNE	1	c	29	97	7	6	1	–	7·8	10	2500	3	*
20	Valentia Obsy. †	1003·0	–6	E	4	c	40	85	8	5	7	–	4·6	9	1500	1	3
	Roches Point	1004·2	–2	SE	4	c	43	92	8	8	7	–	4·6	7·8	1500	1	3

PAST 24 HOURS.

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

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon.	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	cmrr	rrrsrs	rsxom$_o$	40	33	25	0·6	5	0·0	*	*	5
Croydon ...	217	cmmm	crrsf	sfosfm	39	33	32	2	7	0·0	*	*	4
Greenwich (Royal Observatory) ...	149	c	crr	rrrsc	39	33	31	1	7	0·0	68	90	5
City (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	41	34	30	5		0·0	72	89	*
Regents Pk. (Botanic Gardens)† ...	166	*	*	*	39	32	28	1	6	0·0	83	90	*
Camden Square ...	110	c	cor	*	39	32	28	1	7	*	*	90	*
Kensington ...	80	crsc	cocp	*	39	32	26	7	1	0·0	At 18h. 83	95	*
Hampstead Observatory ...	450	os	osrf	bc	37	31	29	1	2	* 0·0	*	96	*

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

South Kensington. Max.	Time.	Min.	Time.
1·0	20–22h 5th	<0·3	1–4h 6th

Kew Observatory. Max.	Time.	Min.	Time.
0·3	20h 5th	<0·1	6h 6th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. March 5th. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. March 6th. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris ...	997·0	SSW	2	rr	43	1010·6	W	2	Z_o	36	46	34	7	5
Brussels ...	997·8	ENE	3	o	43	1004·6	WNW	4	$s_o s_o$	32	45	32	–	7
Berlin ...	1004·4	ENE	3	$s_o s_o$	32	1005·8	ENE	2	Z_o	34	32	32	0·1	0·1
Zürich ...	1004·6	WNW	2	o	41	1012·8	SSW	6	c	37	*	*	–	–
Rome ...	1004·7	SSE	5	c	55	1005·3	NW	4	c	54	*	*	–	4

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 7th March, 1937.
No. 27499

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	°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)	1010·2	-6	NNE	2	zo	39	75	5	1	-	-	2-3	2-3	2500
	Croydon	1009·9	-4	SWS	1	m	37	85	4	5	-	-	9	9	1500
	S. Farnborough	1010·6	-6	-	0	zo	35	85	6	5	-	-	10	10	800
	Boscombe Down	1008·6	-4	E	3	c	38	75	7	5	-	-	9+	9+	1500
	Calshot (Sthmtn.)	1009·9	-6	ESE	4	zo	41	85	6	8	3	-	1	2-3	2500
	Lympne	1011·4	+6	NWW	1	zo	35	85	6	5	-	-	9+	9+	1500
	Manston	1011·5	+16	NWW	2	c	38	85	6	8	-	-	9+	9+	1500
2	Shoeburyness	1010·3	+10	WN	1	c	40	85	6	8	-	-	9+	9+	1500
	Felixstowe	1010·5	+6	WN	1	c	39	75	7	5	7	-	7-8	10	1500
	Gorleston	1010·5	+10	N	2	iro	37	85	6	6	-	-	10	10	1500
	Mildenhall	1010·7	+6	-	0	sh	40	75	8	8	7	-	7-8	10	1500
	Cranwell	1010·9	0	-	0	sh	35	97	5	6	-	-	10	10	800
3	Birmingham	1010·5	+2	SE	2	m	33	92	4	5	-	-	10	10	800
	Upper Heyford	1010·7	-2	SE	1	zo	34	92	6	5	-	-	9+	9+	1500
4	Ross-on-Wye	1009·4	0	E	3	c	37	85	6	5	-	-	10	10	1500
5	Portland Bill†	1007·0	-12	E	4	c	40	92	7	4	-	-	10	10	2500
	Plymouth	1005·9	-12	ESE	4	c	47	75	7	5	7	-	4-6	10	1500
	The Lizard	1003·1	-20	ESE	5	pro	47	85	8	3	2	-	7-8	10	1500
	Scilly (St. Mary's)	1000·8	-32	SES	5	dd	47	97	5	5	-	-	10	10	1500
	Guernsey	1007·4	-8	SES	3	c	45	85	7	5	7	-	4-6	7-8	2500
6	Pembroke	1005·0	-8	SES	6	zo	40	85	6	5	2	-	4-6	10	4000
7	Holyhead	1008·1	-4	NEE	4	c	41	75	7	2	5	5	4-6	7-8	4000
	Chester (Sealand)	1009·5	-4	E	2	zo	40	75	6	8	-	-	9+	9+	1500
8	Manchester	1010·6	+4	EN	3	m	38	75	4	5	-	-	7-8	7-8	2500
10	Spurn Head	1010·9	+4	NNE	3	c	38	85	7	5	7	-	4-6	9	1500
	Catterick	1012·0	0	-	0	c/ps	35	85	8	5	1	-	4-6	10	2500
	Tynemouth	1012·1	+8	E	3	jp	36	75	8	9	2	-	7-8	10	800
11	Inchkeith	1014·1	+4	E	3	c	35	92	8	8	-	-	9+	9+	4000
12	Leuchars	1013·9	+6	NE	3	c/s	37	75	8	8	-	2	7-8	9	1500
	Renfrew (Abbots I.)	1012·6	0	ES	3	zo	36	65	6	8	2	-	7-8	10	2500
	Eskdalemuir	1011·8	-2	ENE	4	iso	35	75	7	8	7	1	4-6	7-8	1500
	Point of Ayre	1010·4	+4	ESE	3	c	38	92	8	9	4	-	4-6	9	2500
13A	Tiree	1011·7	0	E	4	c	37	65	9	8	7	8	4-6	9	1500
13B	Stornoway	1015·2	+4	ESE	4	bc	38	65	9	1	-	-	2-3	2-3	4000
15	Dalwhinnie	1014·6	+2	NE	3	bc	31	75	7	4	6	9	1	4-6	2500
	Aberdeen	1014·7	0	E	3	c/ps	35	75	7	8	-	-	9+	9+	1500
	Wick	1015·2	+2	S	2	jp	36	75	8	5	7	-	7-8	9+	1500
16	Lerwick	1015·1	-2	S	2	bc	38	85	8	5	3	-	4-6	4-6	1500
17	Blacksod Point	1005·5	-10	E	3	bc	40	85	7	2	-	4	tr	4-6	2500
18	Malin Head	1009·4	-2	ESE	3	c	39	92	7	5	-	-	7-8	7-8	2500
	Aldergrove	1009·4	+2	E	4	zo	39	85	6	8	-	8	4-6	9	1500
19	Birr Castle	1005·5	*	NE	1	pro	36	97	7	6	2	-	7-8	10	1500
20	Valentia Obsy. †	1000·3	-18	EN	4	c	47	75	8	5	1	-	4-6	10	2500
	Roches Point	1001·9	-14	E	4	iro	45	85	8	6	1	-	4-6	9+	1500

OBSERVATIONS at 18h. G.M.T. 6th March — **PAST 24 HOURS. Weather.**

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)	7h.—13h. 6th (37)	13h.—18h. 6th (38)	18h. 6th to 1h. 7th (39)	1h.—7h. 7th (40)
London (Kew)	1008·8	-10	ESE	2	f	37	75	3	-	-	-	10	10	<150	1	*	cmobczo	bdfgmo	frsrs	rsssm
Croydon	1008·5	-8	SE	2	m	35	85	4	-	7	8	0	9+	-	1	*	omcm	omcmbc	ciror	orrssff
S. Farnborough	1008·0	-10	SEE	2	zo	36	85	5	5	-	-	10	10	1500	1	*	mcmoo	omoo	bm[illegible]rsm	RSSsmo
Boscombe Down	1006·7	-14	E	4	zo	35	85	6	5	2	-	2-3	10	1500	1	*	cbcmoc	cbccmo	osxroro	crorc
Calshot (Sthmtn.)	1007·1	-18	ENE	5	m	39	92	4	5	7	-	7-8	10	2500	1	§ 3	cmobc	bbccmo	cmrsrsR[illegible]	cRSRsssm
Lympne	1010·0	-2	ES	2	zo	34	85	6	5	7	6	2-3	4-6	2500	4	1	cmomo	cbczo	bccmoro	orsSssm
Manston	1009·9	-2	NEE	2	c	37	85	6	5	2	-	9	10	2500	1	*	oirocmo	cbccmo	bccirq	orrqmo
Shoeburyness	1009·7	-2	E	3	bc	38	75	7	-	4	-	0	4-6	-	1	*	bcmocm	cmobc	bcc	morrc
Felixstowe	1010·6	0	NE	2	zo	37	85	6	5	3	-	4-6	7-8	1500	1	2	rsorsoc	cbc	bcc	crsorso
Gorleston	1010·2	-4	N	3	bc	36	85	7	7	-	-	4-6	4-6	2500	1	2	uis ir	oirobc	bcc	cq
Mildenhall	1010·2	0	EN	2	c	38	85	8	5	-	-	10	10	2500	1	*	sosopsoc	cbcc	c	ososmo
Cranwell	1010·2	-2	ENE	2	c	34	85	6	5	-	-	9+	9+	1500	1	*	sosopsosh	psh psirs	cmo	isho
Birmingham	1008·5	+6	ESE	3	m	35	75	4	-	3	-	0	4-6	-	4	*	soo	cbcm	bcoso	oiso
Upper Heyford	1008·9	-10	NE	2	zo	35	85	6	5	-	-	10	10	1500	1	*	cocmo	cmo	sssSm	ossosm
Ross-on-Wye	1007·5	-10	E	3	zo	35	85	6	5	-	-	10	10	1500	1	*	ofomc	c	rsrs	roso
Portland Bill†	1002·2	-30	ESE	5	rr	43	85	7	5	-	-	10	10	1500	1	4	c	crr	oR	oc
Plymouth	1001·8	-14	ES	3	rr	44	97	6	6	2	-	9	10	800	1	1	c	crorrmo	crocirmo	cmo
The Lizard	999·3	-16	SEE	4	c	47	97	7	5	-	-	10	10	1500	1	3	cpro	pr Rr	ifdrm	rrom
Scilly (St. Mary's)	998·5	-10	SW	3	c	50	92	7	8	4	-	7-8	9	1500	1	2	cirodm	odrc	cbcba	bccpo
Guernsey	1003·6	-20	SE	3	ido	45	97	4	5	-	-	10	10	800	1	2	c	coido	doRH	orrc
Pembroke	1001·7	-14	ESE	7	irCC	38	97	6	5	-	-	10	10	2500	1	3	cmoc	cmoirgc	cqirmo	cirqc
Holyhead	1006·2	-8	EN	5	c	40	75	6	-	7	-	0	10	-	1	2	cbc	bccmo⊕	cmoirmoo	iromoc
Chester (Sealand)	1008·6	+2	E	3	zo	38	75	5	5	-	-	10	10	1500	1	*	cmobcc	czo	cz	czmo
Manchester	1009·5	0	E	4	m	36	75	4	5	-	-	10	10	1500	1	*	cmobcmc	cm	bcmcmoc	c
Spurn Head	1009·8	-4	NEN	3	c	33	85	7	8	7	1	2-3	7-8	1500	0	2	prsoc	cbcc	bc	bcprs
Catterick	1011·1	-4	NEN	2	zo	32	92	5	4	3	6	2-3	4-6	2500	1	*	ososmohoc	ybcwmo	bcmobx	bccx
Tynemouth	1011·1	-4	ENE	3	c/ps	35	85	8	9	-	-	7-8	7-8	1500	1	2	cis	ocps	bccps	cpso
Inchkeith	1014·3	-2	E	3	c	34	85	8	5	-	-	9+	9+	4000	1	2	isoc	ciso	psc	psc
Leuchars	1013·4	+4	NE	3	c/s	34	75	8	8	3	1	7-8	9+	1500	1	*	cpsoc	cisoiso	cpsopso	cpsops
Renfrew (Abbots I.)	1012·0	-2	ENE	4	c	33	85	7	4	7	8	2-3	7-8	4000	1	*	czoiso	czopso	ccmo	cmops
Eskdalemuir	1011·7	-2	NEN	2	bc	31	85	7	8	-	8	2-3	4-6	1500	4	*	cxiso	cisobc	bciso	isobc
Point of Ayre	1009·3	-8	SEE	4	c	37	92	8	4	4	5	4-6	7-8	1500	1	2	oc	c	cbcbc	bc
Tiree	1011·7	0	EN	4	bc	35	75	9	2	4	8	1	4-6	2500	0	3	c	cphobc	bc	bc
Stornoway	1015·0	-2	ENE	3	bc	35	75	9	5	7	-	2-3	2-3	4000	1	2	bc	bc	bcc	bccpso
Dalwhinnie	*	-2	E	2	bc	24	92	8	4	-	1	1	2-3	4000	9	*	cis	bc	*	bc
Aberdeen	1014·3	0	NEE	3	bc	35	65	8	4	3	1	4-6	4-6	2500	1	1	cpso	psobc	psobc	bcyv
Wick	1014·6	-4	SSE	2	c	34	75	8	5	7	-	4-6	7-8	1500	1	1	cjp	cpsoc	bc	bcc
Lerwick	1014·1	-2	SW	3	c	37	85	8	5	7	-	4-6	7-8	1500	1	*	bc	bcc	bcc	cprbc
Blacksod Point	1004·9	-10	E	5	c	40	85	7	-	7	-	0	9	-	0	4	bc	c	cq	cc
Malin Head	1009·0	-4	E	4	c	39	85	7	8	1	-	7-8	9+	2500	0	2	c	c	cphroc	c
Aldergrove	1008·8	0	ENE	3	c	36	85	7	4	-	-	9+	9+	4000	1	*	cidoiroso	cmobcc	cbcc	cx
Birr Castle	1003·9	*	ENE	2	c/ps	35	97	7	6	2	-	7-8	10	1500	1	*	cprs	cprs	cpsc	cps
Valentia Obsy. †	999·1	0	EN	2	c/r	44	85	8	5	2	-	9	10	1500	1	2	c	proiroc	ciroc	c
Roches Point	999·2	-16	E	5	rr	39	97	7	6	2	-	7-8	10	800	1	4	ciro	crr	orr	ciro

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.*

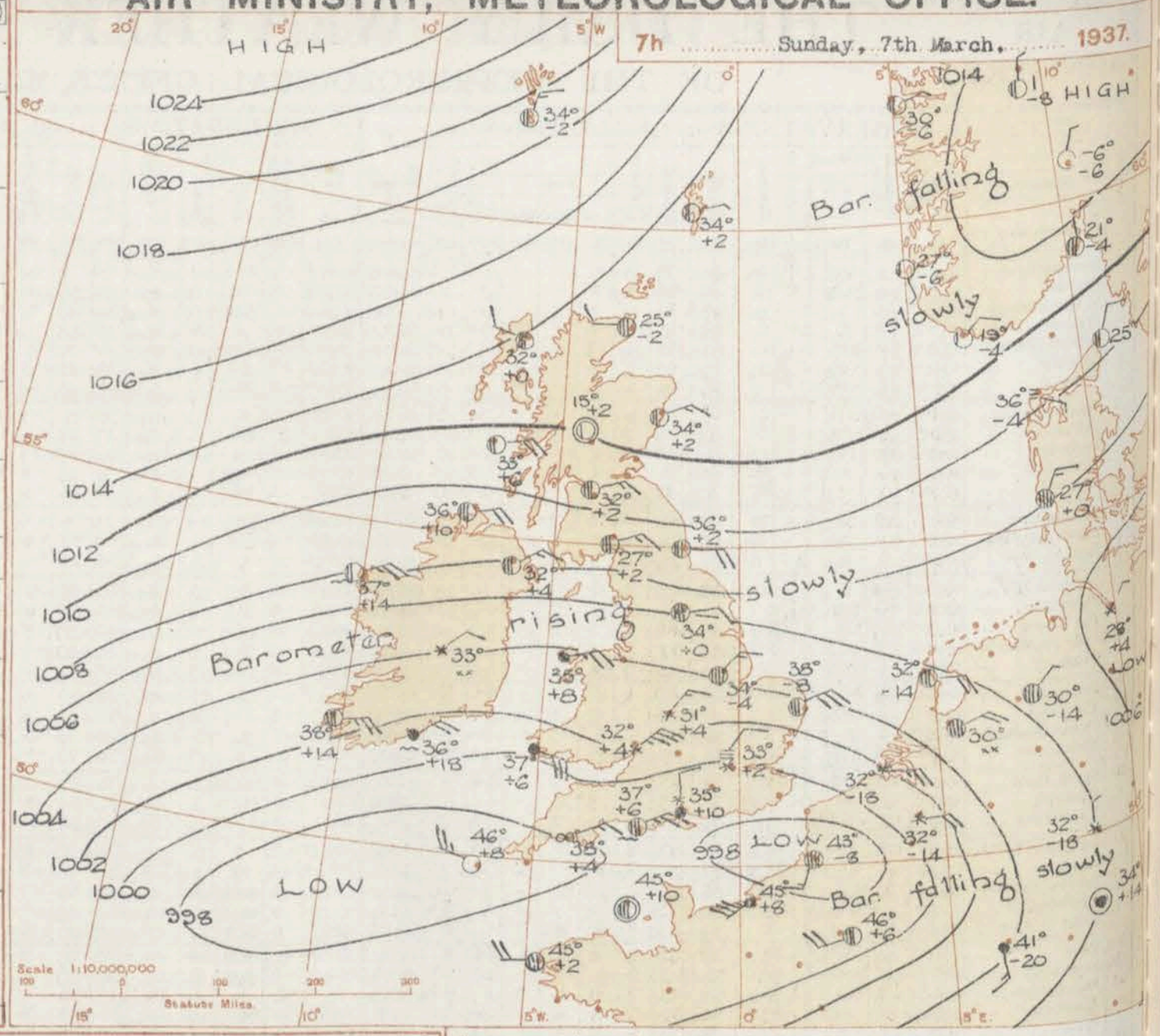
† See disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 6th March 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.	omo	o	32	37	7	–	0·0	0·0
	Bournemouth	moc	com	30	42	1	–	0·6	0·0
	Ventnor ...	rxbcz	bcoz	31	44	Trace	–	3·7	0·0
	Southsea ..	b	bcom	34	43	1	–	5·7	0·0
	Bognor Regis	bc	bcco	33	40	1	–	3·1	0·2
	Littlehampton	c	cbcc	33	41	2	–	0·8	0·0
	Worthing ...	c	c	33	38	4	–	0·1	0·0
	Brighton ...	c	cbc	33	40	3	–	0·5	0·2
	Eastbourne† ...	o	ocbo	33	40	4	–	1·3	0·0
	Hastings† ...	oc	cbc	32	38	8	–	0·1	0·1
	Folkestone ...	cm.oc	cbbc	33	43	15	–	2·8	0·0
	Dover ...	moc	cbcc	34	43	17	–	2·0	0·0
	Deal	co	cbbc	35	*46	12	–	1·9	0·0
	Ramsgate ...	c	cbcc	36	42	12	–	1·6	0·0
	Margate ...	c	cbc	36	40	9	–	2·3	0·0
2	Southend ...	omo	ocbcc	32	42	6	–	1·6	0·0
	Maldon ...	rcoc	c	34	40	4	–	0·1	0·0
	Clacton-on-Sea	cmc	cbcm	33	40	4	–	1·8	0·0
	Dovercourt ...	sdobc	bccbc	34	41	3	–	2·2	0·0
	Lowestoft ...	orsc	rsbcb	34	38	2	0·3	2·9	0·0
	Skegness ...	oprsh	bcb	33	38	3	0·3	3·9	0·0
	Mablethorpe...	orscbc	bcbbc	33	39	2	0·3	5·1	0·0
	Cleethorpes ...	orcbc	bc	33	38	4	0·3	4·3	0·3
3	Leamington S.	ocbc	co	32	39	4	–	0·4	0·0
4	Cheltenham†	om.	oco	32	37	3	–	0·0	0·0
5	Bath	bbc	bcc	33	43	0·3	–	4·4	0·0
	Weymouth ...	c	c	27	42	–	–	0·3	0·0
	Jersey ...	pcbcc	dcd	35	48	Trace	Trace	0·7	0·3
	Torquay ...	om.o	ofm.	29	44	–	1	0·0	0·4
	Penzance ...	cr	rr	36	49	–	4	0·3	8·5
	St. Ives ...	p	p	38	48	–	4	0·0	7·6
	Bude... ...	xc	cbro	29	44	–	2	0·2	2·4
	Ilfracombe ...	cbc	oro	33	40	–	2	1·8	0·5
6	Aberystwyth	zbc	bczb	35	42	–	–	5·4	0·0
7	Llandudno ...	c	cbc	33	41	5	–	3·0	0·0
	Colwyn Bay...	oc	cbcbc	34	41	3	–	3·8	0·0
	Rhyl	cbc	bcc	34	42	4	–	2·5	0·0
8	Wallasey ...	mcbcc	co	34	41	2	–	1·6	0·0
	Southport ...	bco	o	32	39	0·2	–	3·0	0·1
	Blackpool ...	cbc	bcc	33	39	0·1	–	3·1	0·4
	Morecambe ...	isc	cbbcc	33	39	–	Trace	0·5	0·5
9	Ilkley... ...	soc	bc	31	36	2	0·1	1·2	0·0
	Harrogate ...	osse	cbc	31	36	4	0·5	2·0	0·1
10	Berwick-on-T.	csh.	h.c	31	37	2	1	0·0	0·8
11	Dunbar ...	ophs	ophs	32	37	1	0·3	2·0	0·1
12	Troon... ...	xcoc	coc	32	38	–	–	0·0	2·8
	Douglas ...	cprs.	c pr.	34	38	2	Trace	4·1	0·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 7th March, 1937
1 S.E. England ▲ 2 E. England ..▲ 3 E. Midlands ... 4 W. Midlands ...	Moderate or fresh east to northeast wind, gale locally on coasts at first; cloudy with occasional snow or sleet; cold.
5 S.W. England	Moderate or fresh variable to east wind; some rain, sleet or snow becoming cold.
6 South Wales ..▼ 7 North Wales ..▼	As 1 - 4.
8 N.W. England ▼ 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Moderate or fresh east to northeast wind; local snow showers; cold.
12 S.W. Scotland & Isle of Man. 13 {A. W. Scotld. B.N.W. Scotland.} 14 Mid Scotland	Moderate or fresh east wind; brigt periods; local wintry showers; cold.
15 N. E. Scotland 16 Orkney and Shetland	Light or moderate variable to east wind; wintry showers; cold.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland ▼ 20 S. W. Ireland	Moderate or fresh east to northeast wind; bright periods; local wintry showers; rather cold.

J.P.

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

GENERAL INFERENCE.

Pressure is high over Greenland and Iceland. A depression centred southwest of the British Isles is filling up while a depression over the Eastern Channel is moving eastward. There will be occasional snow or sleet in the South and Midlands but fair periods and local wintry showers further north. Conditions will continue cold generally.

FURTHER OUTLOOK.

Cold easterly winds continuing generally with snow locally.

Times of issue of Gale Warnings.

▼ South Cone hoisted at 2300 on 6th in districts 6 (part of), 7,8 and 19(part of).

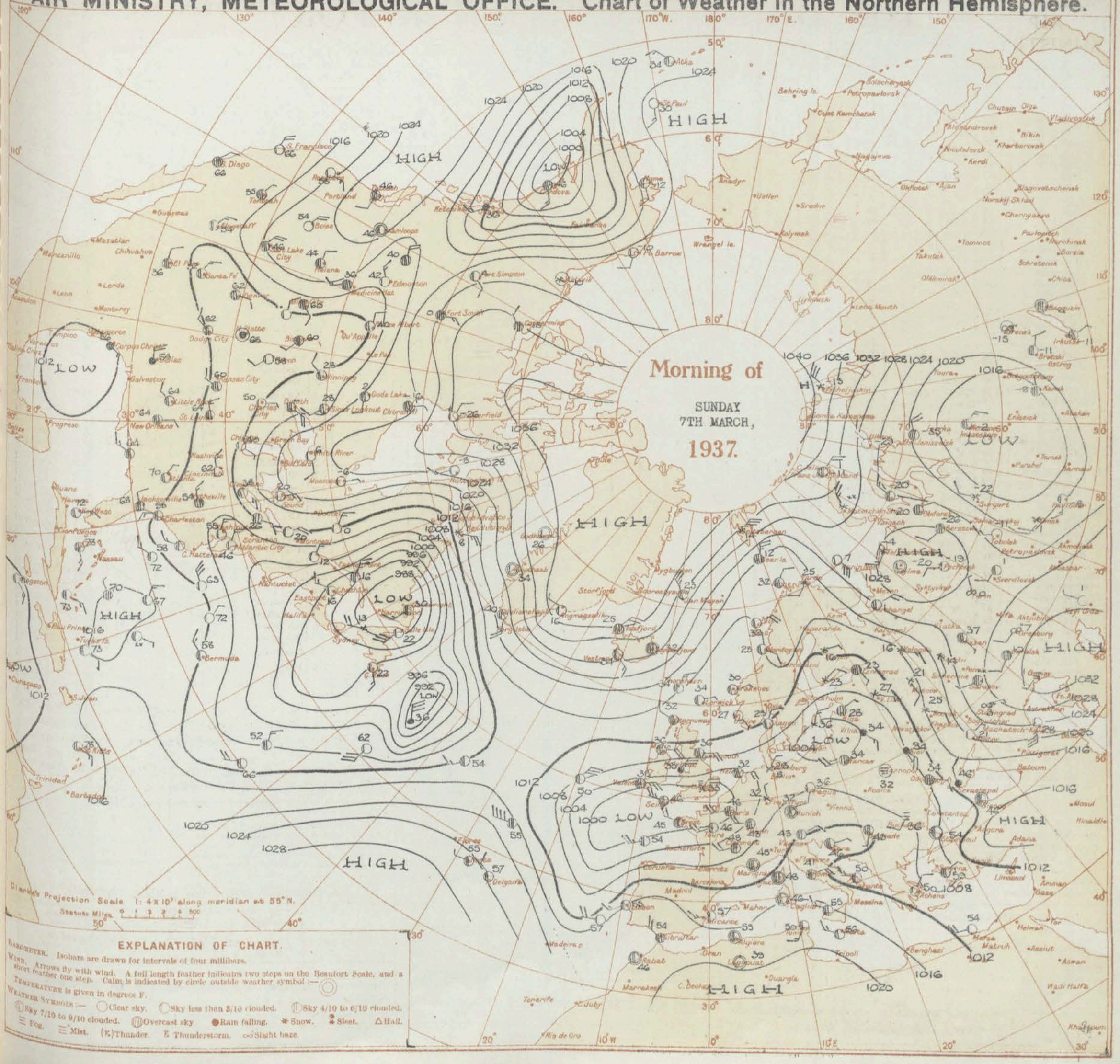
▲ North Cone hoisted at 0830 on 7th in districts 1(part of) and 2.

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.



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 7th March, 1937.

No. 27499

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	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	1002·2	-3·6	ENE	4	rr	36	92	5	6	-	-	10	10	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn..)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1003·8	-3·0	E'N	5	r6	37	85	5	6	-	-	10	10	800
	Manston ...	142	1004·4	-2·2	E'N	5	ir₀	39	85	7	5	2	-	7-8	9+	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1007·3	-2·0	NE	3	c	34	92	7	3	-	-	3	3	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	998·2	-2·4	ENE	6	o	39	92	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	996·9	-2	NE	4	rr	44	88	5	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	996·4	-2	SW'W	3	bc	48	97	7	2	-	-	2·3	2·3	2500
	Guernsey ..	175	998·1	0	NW	2	rr	44	97	4	5	-	-	10	10	800
6	Pembroke ...	142	998·3	-6	ESE	8	ir₀	38	97	6	5	-	-	10	10	2500
7	Holyhead ...	26	1004·2	-6	ENE	6	ir₀	38	85	6	-	2	2	0	10	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1008·7	-1·2	ESE	4	bc	36	85	8	5	-	-	4-6	4-6	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1010·5	-6	E	3	bc/ps	35	75	8	9	-	-	4-6	4-6	1500
11	Inchkeith ...	190	1012·1	-4	SE	3	c	34	97	8	5	-	-	9+	9+	4000
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1008·3	-6	SEE	4	bc	36	85	8	-	1	-	0	4-6	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1014·8	0	W	2	c	33	92	8	5	7	-	4-6	7-8	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1014·4	-2	W	2	bc	25	92	8	5	-	-	2·3	2·3	2500
16	Lerwick ...	156	1013·4	+2	NW	2	c	36	92	8	8	2	-	7-8	9	800
17	Blacksod Point	18	1006·7	+8	NE	6	c	38	85	7	-	7	-	0	10	-
18	Malin Head ...	84	1008·7	+2	E	4	c	37	97	7	9	-	-	9	9	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1000·2	+6	E'N	6	c	39	97	7	8	-	-	9r	9+	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	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)	1000·4	+4	NNE	4	ss	33	97	4	-	2	-	10	10	2500	7	*
	Croydon ...	999·2	+2	NE	2	sf	33	97	3	-	-	-	10	10	4150	7	*
	S. Farnborough	1000·1	+10	NE	2	ss	33	97	4	-	2	-	10	10	450	7	*
	Boscombe Down	1000·0	+8	NE'N	4	c	33	97	7	5	2	-	7-8	10	1500	7	*
	Calshot (Sthmtn..)	999·0	+10	N	2	rs	35	97	7	6	2	-	7-8	10	800	1	§2
	Lympne ...	998·6	-8	ENE	5	ss	32	97	4	6	2	-	10	10	450	6	§3
	Manston ...	999·4	-1·4	E	7	rr	35	92	5	6	-	-	10	10	800	1	*
2	Shoeburyness ...	1000·6	-6	ENE	6	rr	37	92	6	6	2	-	7-8	10	800	1	*
	Felixstowe ...	1002·0	-2	ENE	6	rs	36	92	6	6	2	-	4-6	10	450	1	4
	Gorleston ...	1005·9	-8	ENE	6	c	38	75	7	9	-	-	10	10	2500	1	4
	Mildenhall ...	1002·9	-6	NE'E	3	ss	33	97	5	-	2	-	10	10	800	7	*
	Cranwell ...	1004·9	-4	NE	3	o/ps	34	92	6	5	-	-	10	10	1500	3	*
3	Birmingham ...	1004·1	+4	NE	3	is₀	31	92	5	6	-	-	10	10	800	7	*
	Upper Heyford	1002·7	+8	NE'N	3	ss₀	31	97	4	-	2	-	10	10	800	7	*
4	Ross-on-Wye	1002·6	+4	NE	4	ps₀	32	92	6	6	-	-	10	10	800	1	*
5	Portland Bill ...	998·2	+6	ENE	5	c	37	92	7	4	-	-	7-8	7-8	2500	2	4
	Plymouth ...	996·6	+4	ENE	3	z₀	38	92	6	5	2	-	9+	10	1500	1	1
	The Lizard ...	997·2	+2	ENE	4	r₀r₀	45	97	6	5	-	-	10	10	1500	1	3
	Scilly (St. Mary's)	997·0	+8	WNW	5	c/pr	46	97	7	8	4	-	4-6	7-8	1500	1	2
	Guernsey ..	998·4	+10	-	0	c	45	97	7	5	1	-	7-8	10	2500	2	3
6	Pembroke ...	999·1	+6	ESE	6	ir₀	37	97	6	5	-	-	10	10	2500	1	4
7	Holyhead ...	1008·4	+8	NE'E	5	r₀r₀	35	92	5	6	2	-	4-6	10	1500	1	3
	Chester (Sealand)	1004·9	+2	NE'E	2	z₀	34	85	6	5	-	-	10	10	4000	1	*
8	Manchester ...	1005·0	0	ENE	4	c	35	85	7	5	2	-	4-6	10	1500	1	*
10	Spurn Head ...	1004·7	-8	ENE	6	q	37	75	7	6	2	-	7-8	10	1500	1	5
	Catterick ...	1007·6	0	ENE	2	c	34	85	8	5	7	-	7-8	9+	2500	3	*
	Tynemouth ...	1009·2	+2	E	4	c	36	75	8	9	2	-	4-6	7-8	800	1	3
11	Inchkeith ...	1010·3	-2	E	3	c	35	92	8	5	-	-	10	10	2500	4	2
	Leuchars ...	1012·0	+6	NNE	2	c	31	85	8	7	-	2	4-6	9+	2500	4	*
12	Renfrew (Abbots I.)	1011·0	+2	ENE	3	c/ps	32	97	6	5	5	-	9	9+	2500	8	*
	Eskdalemuir ...	1009·9	+2	NE'E	3	bc	27	92	8	5	3	1	2-3	4-6	1500	8	*
	Point of Ayre...	1007·1	+6	E	5	c	35	97	8	-	1	-	0	7-8	-	1	3
13A	Tiree	1011·9	+6	ENE	4	bc	33	75	8	7	4	-	2-3	2-3	2500	3	2
13B	Stornoway ...	1014·0	0	WNW	2	c/ps	32	92	9	5	7	-	7-8	9+	2500	1	1
15	Dalwhinnie ...	1014·4	+2	-	0	b	15	85	8	4	-	-	1	1	4000	9	*
	Aberdeen ...	1012·5	+2	NE'E	3	jp	34	55	8	8	-	1	4-6	4-6	2500	3	1
	Wick ...	1013·3	-2	W	2	c	25	92	8	5	7	-	4-6	7-8	1500	5	1
16	Lerwick ...	1013·1	+2	ENE	1	bc	34	85	8	8	-	-	4-6	4-6	1500	5	*
17	Blacksod Point	1008·8	+14	NE	5	bc	37	85	8	4	-	-	4-6	4-6	1500	0	3
18	Malin Head ...	1010·2	+10	ENE	4	c	36	92	7	8	-	-	7-8	7-8	2500	0	2
	Aldergrove ...	1008·1	+4	NE	3	c	32	85	8	5	3	8	1	9	1500	1	*
19	Birr Castle ...	1004·3	-2	NE	2	ps₀	33	97	7	6	2	4	7-8	10	1500	1	*
20	Valentia Obsy. †	1003·6	+4	ENE	5	c	38	75	7	5	-	-	10	10	1500	1	2
	Roches Point	1000·9	+18	NE	4	ir₀	36	92	8	6	1	-	7-8	9+	1500	1	3

PAST 24 HOURS.

District	Stations	Temperature Max. Day 7h–18h °F. (31)	Temperature Min. Night 18h–7h °F (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine Grs. Hrs. (36)
1	London (Kew)	40	33	32	-	13	1·0
	Croydon ...	37	33	32	-	8	0·6
	S. Farnborough	37	32	32	-	31	0·0
	Boscombe Down	40	33	31	-	11	4·7
	Calshot (Sthmtn..)	41	34	33	-	20	6·5
	Lympne ...	40	32	29	-	9	1·4
	Manston ...	41	34	31	0·1	11	0·9
2	Shoeburyness ...	41	37	33	-	8	1·2
	Felixstowe ...	41	36	31	0·4	1	1·2
	Gorleston ...	36	33	32	2	-	2·9
	Mildenhall ...	43	33	32	3	3	1·5
	Cranwell ...	36	27	25	3	Tr	0·0
3	Birmingham ...	35	31	30	Tr	0·3	0·0
	Upper Heyford	36	31	32	-	9	*
4	Ross-on-Wye	38	32	31	-	2	0·0
5	Portland Bill ...	44	36	*	0·3	10	*
	Plymouth ...	47	37	36	9	5	0·1
	The Lizard ...	46	43	*	11	2	*
	Scilly (St. Mary's)	50	45	*	2	0·2	0·1
	Guernsey ..	46	42	42	Tr	26	0·6
6	Pembroke ...	40	34	*	2	3	0·0
7	Holyhead ...	42	34	34	-	0·2	1·3
	Chester (Sealand)	41	33	31	-	-	2·4
8	Manchester ...	41	33	31	-	-	1·7
10	Spurn Head ...	39	32	*	1	1	4·6
	Catterick ...	38	29	22	1	-	1·0
	Tynemouth ...	37	34	30	1	0·1	0·1
11	Inchkeith ...	35	30	29	1	0·3	0·0
	Leuchars ...	39	29	21	0·3	2	2·3
12	Renfrew (Abbots I.)	37	30	27	Tr	0·2	0·0
	Eskdalemuir ...	36	26	23	Tr	0·1	0·8
	Point of Ayre...	40	35	*	-	-	5·3
13A	Tiree	38	31	29	Tr	-	0·0
13B	Stornoway ...	38	29	*	-	Tr	9·8
15	Dalwhinnie ...	33	15	10	Tr	-	4·6
	Aberdeen ...	37	32	29	0·2	Tr	2·2
	Wick ...	37	23	*	Tr	-	*
16	Lerwick ...	40	33	*	-	1	5·2
17	Blacksod Point	43	30	*	-	-	*
18	Malin Head ...	40	35	*	-	Tr	0·0
	Aldergrove ...	39	31	29	0·2	-	2·2
19	Birr Castle ...	36	33	33	3	0·2	0·0
20	Valentia Obsy. †	48	38	37	0·2	Tr	0·0
	Roches Point	46	36	*	8	7	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon (24 hrs. ended 9h.)	Weather Night (24 hrs. ended 9h.)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. Yesterday	Humidity 15h. G.M.T % Yesterday	Humidity 9h. G.M.T % To-day	Visibility 9h.
KEW ...	18	cmbcz₀	bofgm₀	frssm	40	33	32	-	13	1·0	*	*	4
CROYDON ...	217	omcm	omcmbc	omrsmo	37	33	32	-	8	0·6	*	*	3
GREENWICH (Royal Observatory) ...	149	bmcm	ccmbc	crrss	41	33	28	-	16	0·0	84	96	5
CITY (Bushill Row) ...	—	*	*	*	*	*	*	*	*	0·0	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	39	34	33	17		0·0	73	88	*
REGENTS PK. (Botanic Gardens)‡ ...	168	*	*	*	40	32	32	-	6	0·0	81	95	*
CAMDEN SQUARE ...	110	c	c	*	41	33	32	-	16	*	*	96	*
KENSINGTON ...	80	c0	cof	*	39	33	32	Tr	16	0·0	75 At 18h.	91	*
HAMPSTEAD OBSERVATORY ...	450	bc	05	05	38	31	30	-	6	0·9	*	99	*

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.
0·8	14-15h 6th	<0·3	2-4h 7th	0·6	18h 6th	<0·1	2-4h 7th

FOREIGN OBSERVATIONS.

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

Stations	Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.
PARIS ...	1003·4	SSE	2	c	46
BRUSSELS ...	1010·2	WSW	1	c	36
BERLIN ...	1006·5	SSE	1	r₀r₀	34
ZURICH ...					
ROME ...	1010·3	W	5	bc	54

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

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 ...	999·7	WSW	4	c/pr	46	50	45	-	7
BRUSSELS ...	1000·3	E	4	ss	32	39	*	1	*
BERLIN ...	1004·7	SW	2	z₀	36	37	34	6	0·6
ZURICH ...						*	*		
ROME ...	1012·5	E	3	z₀	41	*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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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, 8th March, 1937.
No. 27500

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	°Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud Form Low (9)	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)	1003·3	+18	NE	4	z₀	36	85	5	5	-	·	9+	9+	800
	Croydon	1002·5	+20	NE''	4	c/rs	34	97	4	5	-	·	9+	9+	800.
	S. Farnborough	1003·4	+18	NNE	2	z₀	35	85	5	5	-	-	10	10	800
	Boscombe Down	1003·2	+22	NE'E	4	c	36	85	7	5	-	-	9	9	1500.
	Calshot (Sthmtn.)	1002·2	+14	NE	5	z₀	40	75	6	8	-	-	7·8	7·8	2500.
	Lympne	1001·1	+20	NNE	5	s₀s₀	34	92	5	6	-	·	10	10	450.
	Manston	1000·8	+10	NE	6	rs	35	85	5	6	2	·	9+	10	800.
2	Shoeburyness	1002·6	+14	NNE	4	rs	35	92	6	6	2	-	7·8	10	800.
	Felixstowe	1003·1	+6	NE'N	5	sh.	34	92	4	5	-	-	10	10	450
	Gorleston	1004·5	+2	NE'E	5	rs	34	97	6	6	-	-	10	10	1500.
	Mildenhall	1005·2	+10	NE	3	s₀s₀	34	97	5	6	-	-	10	10	800.
	Cranwell	1006·4	+10	NE'E	4	sh.	36	75	7	5	-	-	10	10	1500
3	Birmingham	1006·4	+8	ENE	4	s₀s₀	35	85	4	6	6	-	4-6	9	800.
	Upper Heyford	1006·0	+14	NE	3	c	35	85	7	5	3	-	9	9+	1500.
4	Ross-on-Wye	1004·1	+8	ENE	4	c	38	75	8.	5	-	-	9+	9+	2500.
5	Portland Bill	1001·8	+18	ENE	4	c	41	85	7	4	-	·	10	10	2500.
	Plymouth	1000·8	+8	E	4	r₀v₀	40	85	7	6	2	-	7·8	10	1500.
	The Lizard	998·5	+6	E'N	4	jp.	44	97	6	6	2	·	9	10	1500.
	Scilly (St. Mary's)	997·8	+4	W'S	4	c	47	85	7	8	2	-	4·6	9+	2500
	Guernsey	1001·0	+8	E'N	2	rr	43	97	7	5	-	-	10	10	1500
6	Pembroke	1000·4	+12	ESE	6	rs	36	92	6	5	-	-	10	10	1500.
7	Holyhead	1005·8	+14	NE'E	6	is₀	37	85	6	6	2	·	7·8	10	800.
	Chester (Sealand)	1006·4	+12	NE'E	54	z₀	38	65	6	5	-	-	10	10	2500
8	Manchester	1006·9	+14	ENE	4	z₀	38	65	6	8	3	2	7·8	9+	2500.
10	Spurn Head	1007·8	+8	NE'E	5	q	36	75	8	5	2	-	7·8	9+	1500.
	Catterick	1000·2	+8	ENE	4	ps	35	75	8	9	-	-	9+	9+	1500.
	Tynemouth	1005·8	+8	E	5	c/ps	36	65	8	2	6	-	4·6	7·8	1500.
11	Inchkeith	1012·6	+10	E	3	c	36	97	8	5	-	·	7·8	7·8	2500
12	Leuchars	1013·2	+4	ENE	3	c	38	65	8	8	-	2	9	9	4000.
	Renfrew (Abbots I.)	1012·5	+6	NE'N	4	c	37	85	7	8'	6	6	2·3	9	2500
	Eskdalemuir	1010·7	+6	NE	4	c/ps	35	75	7	2	-	6	2·3	7·8	1500
	Point of Ayre	1009·3	+8	E	4	c	38	97	8	5	1	-	2·3	9	1500.
13A	Tiree	1013·6	+8	NE'E	3	b	39	65	9	7	4	-	Tr	Tr	2500
13B	Stornoway	1014·3	+6	SSW	1	c	38	75	9	5	7	-	4-6	9	4000
15	Dalwhinnie	1014·9	+6	E	1	b	33	85	8	-	6	1	0	Tr	-
	Aberdeen	1013·7	+6	NE	3	bc	38	45	8	3	-	1	2·3	4·6	4000
	Wick	1013·9	+4	S	2	bc	39	75	8	7	4	-	4·6	4·6	1500.
16	Lerwick	1014·7	+2	ENE	2	c	37	85	8	8	8	-	4·6	7·8	1500.
17	Blacksod Point	1010·4	+6	NE	6	bc	40	75	8	2	-	-	4·6	4·6	5700.
18	Malin Head	1012·0	+4	ENE	3	bc	37	85	7	1	-	-	4·6	4·6	2500
	Aldergrove	1010·2	+10	NE'E	4	c	38	65	8	5	1	8	4·6	9+	1500
19	Birr Castle	1008·4	·	NE	2	c/ps	35	97	7	6	2	-	4·6	10	1500.
20	Valentia Obsy. †	1006·2	+8	NE	5	c	38	75	8	5	·	·	10	10	2500.
	Roches Point	1003·7	+18	NE	5	c	39	85	8	8	1	·	4·6	9+	1500.

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

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)	1004·8	+14	NE	4	z₀	36	75	5	5	-	-	10	10	1500	1	*
Croydon	1004·8	+10	NE'N	3	z₀	35	85	5	5	-	-	10	10	1500	6	*
S. Farnborough	1004·9	+10	NE	2	c	34	85	6	8	-	-	9	9	2500.	6	*
Boscombe Down	1004·7	+10	NE'E	4	c	35	85	7	9	-	-	9+	9+	1500	4	*
Calshot (Sthmtn.)	1004·4	+12	NE'N	3	z₀	38	75	6	8	7	-	7·8	9	1500	1	3
Lympne	1004·2	+18	N'E	4	c/rs	34	86	7	5	-	-	10	10	1500.	4	§ 3.
Manston	1003·1	+20	NNE	4	c	36	85	7	5	2	-	9	10	800	1	*
Shoeburyness	1004·7	+12	N	3	c	35	92	8	6	2	-	4-6	9+	1500	1	*
Felixstowe	1005·0	+10	N'E	3	ir₀	33	92	5	8	5	-	4-6	7·8	450.	1	3
Gorleston	1005·0	+6	NE'N	4	c	35	92	6	8	-	-	7·8	7·8	1500.	1	4
Mildenhall	1005·9	+6	NE'N	3	c	34	97	7	5	3	-	7·8	7·8	2500	4	*
Cranwell	1007·5	+10	NE	3	c	34	86	7	5	-	..	10	10	1500.	1	*
Birmingham	1006·7	+10	NE	4	s₀s₀	34	85	5	6	2	-	4-6	10	1500	1	*
Upper Heyford	1006·8	+10	ENE	3	is₀	33	92	7	5	2	-	9+	10	1500.	4	*
Ross-on-Wye	1006·7	+10	NE'E	4	c	35	85	7	5	-	-	10	10	2500.	1	*
Portland Bill	1002·1	+2	ENE	5	pr₀	40	85	7	5	-	-	10	10	1500.	1	4
Plymouth	1000·9	+4	E	4	ir₀	40	92	6	6	2	-	9	10	1500	1	
The Lizard	999·2	+2	SE'S	2	c	46	75	7	8	6	-	7·8	9	2500	1	3
Scilly (St. Mary's)	998·5	+6	SW'W	2	c	45	85	8	5	2	-	7·8	9+	2500	1	2
Guernsey	1001·2	+4	E'S	2	c/d	43	97	7	5	2	-	7·8	10	2500	1	2
Pembroke	1003·2	+14	E'N	5	rs	35	92	6	5	-	-	10	10	1500.	1	3
Holyhead	1007·7	+10	ENE	5	c/rs	37	86	7	-	2	-	10	10	1500	1	3.
Chester (Sealand)	1007·9	+14	NE'N	4	z₀	36	65	6.	5	·	·	10	10	1500.	1	*
Manchester	1008·6	+16	ENE	3	z₀	36	55	5	8	7	-	2·3	9+	2500.	1	*
Spurn Head	1008·8	+6	NE	5	q	35	75	8	5	-	-	10	10	800.	0	5
Catterick	1010·2	+10	NE	3	ps₀	33	86	6	9	3	-	9	9+	1500.	1	*
Tynemouth	1010·3	0	E	4	o	36	65	8	9	6	1	4-6	7·8	1500	1	3
Inchkeith	1013·1	+2	ENE	4	c	36	85	8	8	3	-	4-6	9	4000	1	3
Leuchars	1013·7	+4	NNE	2	ps₀	33	85	8	8	-	1	9+	9+	2500	1	*
Renfrew (Abbots I.)	1013·2	+6	NE	3	c	34	85	8	4	6	1	4-6	7·8	4000	1	*
Eskdalemuir	1012·1	+10	NNE	4	jp	30	86	7	8	-	2	4-6	7·8	1500.	4	*
Point of Ayre	1010·3	+8	E	4	o	37	85	8	3	6	-	4-6	10	2500.	1	3
Tiree	1013·8	+4	NE	2	b	36	65	9	1	4	-	Tr	Tr	4000	0	2
Stornoway	1014·6	+4	-	0	bc	38	75	9	5	-	-	2·6	2·3	2500	1	0
Dalwhinnie	·	+2	N	1	b	24	85	8	4	-	1	Tr	Tr	*	9	*
Aberdeen	1014·0	0	N	1	bc	34	65	8	4	-	1	2·3	2·3	4000	1	1
Wick	1014·2	+4	WNW	2	bc	35	75	8	7	4	-	2·3	4·6	1500.	1	1
Lerwick	1014·7	0	N	2	bc	37	85	8	8	4	1	4-6	4-6	1500.	1	*
Blacksod Point	1011·7	+10	NNE	6	c	39	75	9	9	-	-	7·8	7·8	1500	0	4
Malin Head	1012·4	+4	ENE	3	c/pbr	37	92	7	9	-	-	7·8	7·8	2500	0	2
Aldergrove	1011·1	+10	NE'E	4	is₀	35	85	7	5	7	-	4-6	10	1500	1	*
Birr Castle	1007·5	·	NNE	2	ps₀	35	97	7	6	2	-	7·8	10	1500.	1	*
Valentia Obsy. †	1007·8	+6	NE	6	ir₀	39	75	8	5	-	-	10	10	1500	1	2
Roches Point	1005·2	+6	NE	4	ir₀	37	92	8	6	1	-	4-6	9+	1500	1	3

PAST 24 HOURS. Weather.

Stations	7h.—13h. 7th (37)	13h.—18h. 7th (38)	18h. 7th to 1h. 8th (39)	1h.—7h. 8th (40)
London (Kew)	sscm₀	cm₀	cm₀	cm₀
Croydon	csr₀s₀m	cmm₀	cm₀	cm₀sf₀m₀
S. Farnborough	smr₀s₀m₀o	om₀cm₀	cm₀	com₀
Boscombe Down	cbcc	cbcc	c	c
Calshot (Sthmtn.)	cir₀scbc.	cm₀	cm₀	cm₀
Lympne	r₀z₀r₀s₀m₀	oms₀r₀s₀	r₀c	o
Manston	orsrsm₀	orsrsm₀c	cm₀pr₀c	bo
Shoeburyness	rsrsc	rsrsc	cis₀x	xis₀h₀c
Felixstowe	r₀soshsh	cscsheir₀	cir₀bcsh.	crspsh₀
Gorleston	orsrs	or₀s₀c.	ophr₀s	cq.
Mildenhall	cssm₀s₀s₀m₀	rs₀r₀s₀c	cr₀s₀	c
Cranwell	rsis₀cpsh₀	cpsh₀	csh₀sh₀	cx
Birmingham	cis₀m.	cs₀s₀	os₀c	c
Upper Heyford	ps₀s₀mc	cs₀	cs₀obcc	c
Ross-on-Wye	is₀oc	c	co	osc
Portland Bill	c m₀r₀r₀	opr.	oz₀	o
Plymouth	cid₀	cr₀r₀ir₀m₀	cir₀d₀m₀	orsrsm₀
The Lizard	rrirm	cpr₀c	cpr₀q.	cprmd.
Scilly (St. Mary's)	c	c	cq.	cpr₀r₀
Guernsey	cd₀rr.	orcid	cidor.	or₀ir
Pembroke	crsrsq	cqirsm₀	cqsso	cqm₀c
Holyhead	m₀irr₀s₀c	srs₀m₀o	or₀s₀b.	b₀c
Chester (Sealand)	cm₀z₀	cz₀	cz₀	cz₀
Manchester	cd₀cz₀	cz₀y.	oz₀	cm₀
Spurn Head	ihcq.	coq.	osc	c
Catterick	xcpsq	cpsqm₀	cmpr₀	cmjpbcm
Tynemouth	cps.	cps₀.	cbc	bcps
Inchkeith	psc	c	cps₀bc	bcc
Leuchars	cpsc	cps₀ps₀	cp₀scbx	bxbcx
Renfrew (Abbots I.)	cm₀psbc	cps₀bc	bcx	bcbx
Eskdalemuir	bcps₀	cpsh₀	bcps₀	ps₀bc
Point of Ayre	coc.	co	obcbc	bc
Tiree	bcb.	b.	b.	b
Stornoway	cps.	bc.	bcpr₀	bccxpsq
Dalwhinnie	bcb.	b.	*	b.
Aberdeen	bcvy	jp₀sb.	bbx	bxz₀
Wick	obc.	bc	bc	bcc.
Lerwick	bcc.	cbc.	bcph.	bccx.
Blacksod Point	bcq.	cq.	bcq	bc.
Malin Head	bc	bcphr₀	bcc	bc.
Aldergrove	cxcs₀c.	cism₀c.	cis₀c	cbx
Birr Castle	cps	cps	cpsss	osscx
Valentia Obsy. †	c.	cir₀	cir₀c	c
Roches Point	cir₀c.	ccir₀	cpr₀sc.	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/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.*

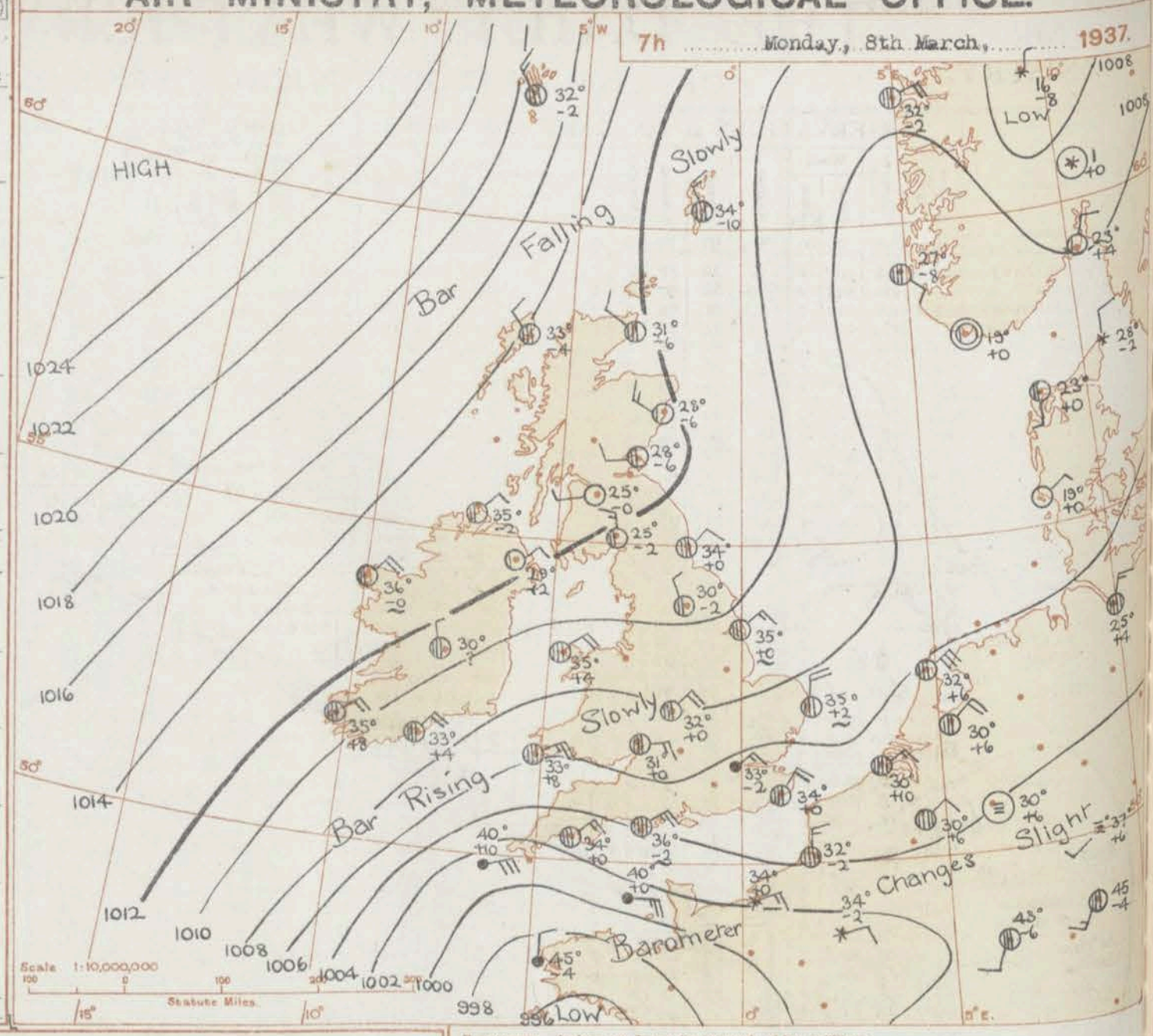
§ Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 7th March 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.	oso	oc	32	34	21	2	0·0	0·0
	Bournemouth	oce	oco	32	41	10	-	0·4	0·6
	Ventnor ...	robo	bcou	35	41	32	-	2·1	3·7
	Southsea ...	ccbb	bcmo	34	42	15	-	4·6	5·7
	Bognor Regis	ocbc	bc	34	41	17	-	3·3	5·1
	Littlehampton	oc	cbc	33	41	17	-	3·6	0·8
	Worthing ...	oso	cbcc	35	40	18 17	Trace	1·4	0·1
	Brighton ...	cdc	cbcb	33	39	15	Trace	1·3	0·5
	Eastbourne† ...	rs.ro	o	35	41	19	0·5	0·0	1·3
	Hastings† ...	orso	cbcc	35	45	17	3	0·1	0·1
	Folkestone ...	omrs	rscor	34	37	20	3	0·1	2·8
	Dover ...	orso	rso	36	38	17	3	0·0	2·0
	Deal	ors	ors	36	37	13	1	0·0	1·9
	Ramsgate ...	d	drsc	36	38	10	3	0·0	1·6
	Margate ...	ors	ors	36	38	11	3	0·0	2·3
2	Southend ...	orsf	orfsco	34	36	12	3	0·3	1·6
	Maldon ...	rsrs	rso	34	36	6	2	0·0	0·1
	Clacton-on-Sea	ors	ors	34	35	4	3	0·0	1·8
	Dovercourt ...	adsrs	orsp	34	36	3	3	0·0	2·2
	Lowestoft ...	osirs	osirs.	31	34	2	7	0·0	2·9
	Skegness ...	o	oiph	35	38	0·1	Trace	0·0	4·0
	Mablethorpe...	oqqp	oqqis	33	38	Trace	Trace	0·0	5·1
	Cleethorpes ...	coso	cs	33	38	0·3	Trace	0·1	4·8
3	Leamington S.	obsc	c	32	39	3	Trace	0·5	0·4
4	Cheltenham†								
5	Bath	c	c	34	39	7	-	0·0	4·4
	Weymouth ...	c	o	33	42	8	-	0·2	0·3
	Jersey ...	cdc	cbc	42	48	9	Trace	0·4	0·7
	Torquay ...	o	orbz	33	41	25	1	0·0	0·0
	Penzance ...	rrec	c	43	48	13	Trace	0·0	0·8
	St. Ives ...	pr	c	42	47	5	0·3	0·3	0·0
	Bude... ...	obr	opr	36	42	1	5	0·0	0·2
	Ilfracombe ...	roro	odrrx	36	40	7	2	0·0	1·8
6	Aberystwyth	zco	oz	34	40	-	-	0·1	5·4
7	Llandudno ...	ois	oso	33	38	Trace	Trace	0·0	3·0
	Colwyn Bay...	o	ors	33	40	-	Trace	0·0	3·6
	Rhyl	rsc	co	33	39	Trace	-	0·0	2·5
8	Wallasey ...	c	o	33	41	-	-	0·0	1·6
	Southport ...	oc	oc	32	39	-	-	0·0	3·0
	Blackpool ...	c	c	31	39	-	-	0·0	3·1
	Morecambe ...	bcbbc	cbcsc	31	41	Trace	Trace	1·9	0·5
9	Ilkley... ...	c	c	28	38	-	-	2·2	1·2
	Harrogate ...	cbcc	bccph	28	37	0·2	Trace	1·9	2·0
10	Berwick-on-T.	cs	sohoc	32	37	2	0·2	1·7	0·0
11	Dunbar ...	crs	crs	31	37	1	0·3	1·3	2·0
12	Troon... ...	cbcco	socbc	31	40	-	Trace	3·6	0·0
	Douglas ...	cqbs	cqhs	33	38	Trace	Trace	0·0	4·1

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



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 8th March, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Moderate northeast winds; cloudy, occasional snow or sleet; cold.
4 W. Midlands ... 5 S.W. England 6 South Wales ...	Fresh northeast to north winds; cloudy, sleet or snow at first, fair later; cold.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England	Light or moderate northeast winds; local snow showers; cold; night frost.
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 or fresh north winds; bright periods, snow showers at times, heavy locally; cold, night frost.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Moderate northeast to north winds; bright periods, local sleet or snow; cold.

GENERAL INFERENCE.

Pressure is high over Iceland and a depression over the Bay of Biscay is moving northeast. Weather will continue cold and cloudy with further sleet or snow in the southern counties and occasional snow showers in the North, heavy locally.

FURTHER OUTLOOK.

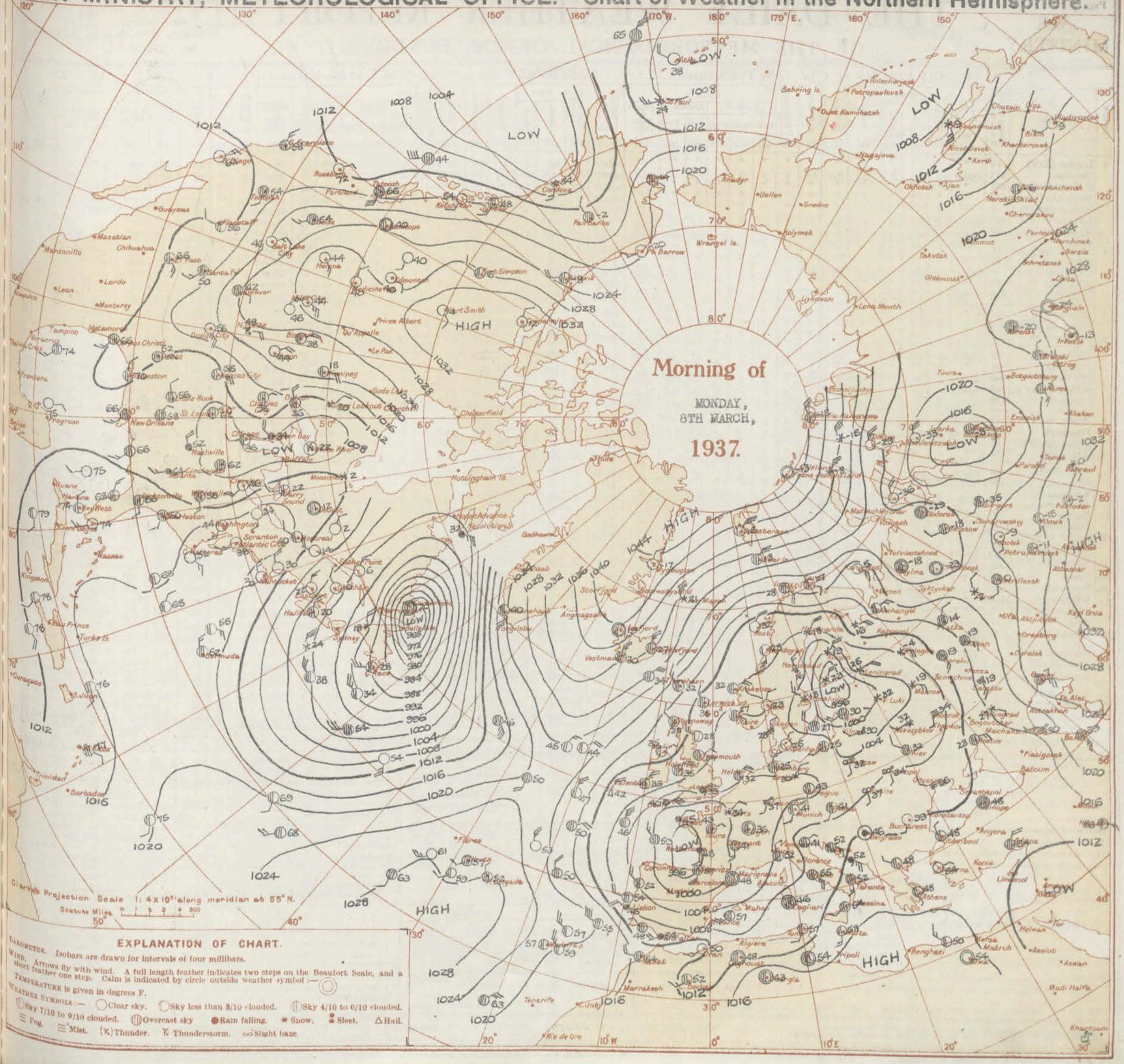
Continuing cold with wintry showers.

Forecasts issued at 10.0 a.m.

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, 8th March, 1937.
No. 27500

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	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	1006·2	+4	NE	5	z	34	86	5	5	2	-	7·8	10	1500.
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1005·9	+2	N'E	3	c	34	85	7	5	2	-	7·8	9	1500.
	Manston ...	142	1005·4	+10	NE'E	4	c	37	75	8	5	2	-	7·8	9+	2500.
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1006·7	+4	NNE	5	pr.	35	92	6	6	-	-	10	10	1500.
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1005·3	+8	ENE	8	o	36	92	6	5	-	-	10	10	1500.
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	999·8	0	NE	7	c/pr	41	92	8	5	-	-	10	10	1500.
	Scilly (St. Mary's)	163	999·4	+2	ESE	5	q	46	75	7	8	-	-	9+	9+	1500.
	Guernsey ..	175	1001·5	-8	E	5	r.r.	42	92	6	5	-	-	10	10	1500.
6	Pembroke ...	142	1004·9	+2	E'N	5	ss	33	85	5	5	-	-	10	10	1500.
7	Holyhead ...	26	1005·6	+6	NE'E	4	bc	36	85	7	1	-	-	2·3	2·3	2500.
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1008·7	+6	ENE	5	c	35	75	8	-	2	-	0	9+	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1011·1	-2	NE	3	bc	36	85	8	9	-	-	4·6	4·6	1500.
11	Inchkeith ...	190	1013·5	+2	N	4	bc	32	92	8	5	-	-	2·3	2·3	4000
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1011·6	+4	E	4	bc	35	97	8	-	8	-	0	2·3	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1014·7	-2	NNW	1	bc/pr	34	97	8	5	-	-	4·6	4·6	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1013·6	-6	WNW	2	bc	28	85	8	5	-	-	2·3	2·3	1500.
16	Lerwick ...	156	1014·1	-6	NNW	3	bc	36	92	8	8	-	-	4·6	4·6	1500
17	Blacksod Point	18	1013·7	+6	NE	4	bc	38	65	8	4	-	-	2·3	2·3	2500
18	Malin Head ...	83	1013·9	+4	ENE	3	bc	37	85	7	2	-	-	4·6	4·6	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1009·4	+6	NE'E	6	c	36	97	7	8	-	-	10	10	1500.
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	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)	1008·1	0	NE	4	fg	35	75	6	5	2	-	7·8	10	800	1	*
	Croydon ...	1005·3	-2	NE'E	3	id.	33	85	5	5	-	-	10	10	800	6	*
	S. Farnborough	1005·7	+2	NE	3	z	33	97	6	5	-	-	10	10	1500	7	*
	Boscombe Down	1005·6	0	NE	3	c	32	97	7	5	2	-	9+	10	1500	4	*
	Calshot (Sthmtn.)	1004·9	-2	NE'N	4	z	35	85	6	5	7	-	4·6	10	2500	1	3
	Lympne ...	1006·6	0	NE'N	4	c	34	75	8	5	-	-	10	10	2500	1	3
	Manston ...	1005·8	+2	ENE	3	ir.	36	75	7	5	-	-	10	10	2500	1	*
2	Shoeburyness ...	1006·0	0	NE	3	c/s	33	97	8	6	2	-	4·6	10	1500	1	*
	Felixstowe ...	1006·4	0	NE	3	sh.	33	97	5	5	2	-	9	10	450	1	3
	Gorleston ...	1006·9	+2	NNE	4	c	35	75	7	8	-	-	10	10	2500	1	3
	Mildenhall ...	1007·2	+2	NE	3	c	34	75	8	5	-	-	10	10	4000	4	*
	Cranwell ...	1008·9	0	NE'E	3	c	33	76	8	8	7	3	7·8	9+	4000	1	*
3	Birmingham ...	1008·2	0	NE	4	c	32	75	5	5	-	-	10	10	2500	1	*
	Upper Heyford	1007·2	+2	NE	3	c	31	85	7	5	2	-	9	10	4000	4	*
4	Ross-on-Wye	1007·3	0	E	3	c	31	85	7	5	-	-	9+	9+	1500	4	*
5	Portland Bill ...	1002·7	-2	ENE	5	o	36	92	7	5	-	-	10	10	1500	1	4
	Plymouth ...	1002·8	0	ENE	3	c/s	34	92	6	6	7	-	4·6	10	1500	1	1
	The Lizard ...	1000·7	+2	NE	7	pr.	38	92	7	8	-	-	10	10	1500	1	4
	Scilly (St. Mary's)	1000·1	+10	E'N	6	r.r.	40	92	6	6	2	-	7·8	10	1500	1	3
	Guernsey ..	1001·5	0	E	5	ir.	40	85	7	5	-	-	10	10	1500	1	4
6	Pembroke ...	1006·0	+8	ENE	5	q	33	85	7	5	6	-	4·6	7·8	2500	4	3
7	Holyhead ...	1008·6	+4	NE'E	4	c	35	85	8	2	7	-	4·6	9+	2500	1	2
	Chester (Sealand)	1009·7	+2	N	2	z	31	85	6	5	3	-	7·8	9	7200	3	*
8	Manchester ...	1009·9	-2	NNE	1	z	31	85	5	5	7	-	7·8	10	4000	1	*
10	Spurn Head ...	1009·3	0	NE'E	3	c	35	75	8	4	1	-	7·8	9+	1500	0	4
	Catterick ...	1010·2	-2	NW	1	z	30	97	6	5	3	6	2·3	4·6	4000	4	*
	Tynemouth ...	1010·0	0	NE	2	c/ps	34	92	8	9	-	-	7·8	7·8	800	4	2
11	Inchkeith ...	1012·6	-4	SW	3	c	29	97	7	5	7	-	4·6	7·8	2500	3	2
	Leuchars ...	1012·7	-6	W	2	bc	28	66	9	5	-	-	4·6	4·6	2500	1	*
12	Renfrew (Abbots I.)	1012·9	-2	W'S	1	b	25	92	8	-	-	-	0	0	-	3	*
	Eskdalemuir ...	1012·2	-2	N	3	bc	25	85	8	5	-	1	4·6	4·6	2500	8	*
	Point of Ayre...	1011·6	0	ENE	4	bc	35	97	8	4	8	-	2·3	4·6	1500	1	2
13A	Tiree	1013·3	-4	-	0	b	27	97	9	-	4	-	0	Tr	-	3	0
13B	Stornoway ...	1013·6	-4	NW	2	c	33	97	9	8	7	6	4·6	7·8	2500	1	0
15	Dalwhinnie ...	-	-6	-	0	b	7	85	8	4	-	-	Tr	Tr	<150	9	*
	Aberdeen ...	1011·4	-6	WNW	3	b	28	75	6	8	4	9	Tr	1	4600.	3	1
	Wick ...	1011·9	-6	WNW	2	c	31	97	8	5	7	-	4·6	10	1500	5	1
16	Lerwick ...	1011·2	-10	NNW	3	c	34	92	8	8	7	-	4·6	7·8	1500	1	*
17	Blacksod Point	1013·3	0	NE	4	bc	36	85	8	4	-	-	4·6	4·6	2500	0	3
18	Malin Head ...	1013·6	-2	NE	1	bc	35	85	8	2	-	-	2·3	2·3	2500	3	1
	Aldergrove ...	1012·6	+2	NE	1	z	29	85	6	3	4	8	Tr.	1	1500	3	*
19	Birr Castle ...	1010·0	*	N	1	c	30	97	8	5	1	-	7·8	9+	2500	4	*
20	Valentia Obsy. †	1010·7	+8	NE	4	c	35	85	7	6	-	-	9+	9+	1500	1	2
	Roches Point	1008·4	+4	NE	4	c	33	85	8	5	1	-	1	9+	1500	1	3

PAST 24 HOURS.

District	Stations	Temperature Max. Day 7h–18h °F. (31)	Temperature Min. Night 18h–7h °F (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 7th Hrs. (36)
1	London (Kew)	37	34	33	3.	-	0·5
	Croydon ...	35	35	32	3.	0·2	0·2
	S. Farnborough	37	32	27	1.	-	1·0.
	Boscombe Down	37	31	31	-	-	4·6
	Calshot (Sthmtn.)	40	36	33	0·1	-	3·4
	Lympne ...	36	33	•	6.	0·1	0·0.
	Manston ...	36	35	33	3.	Tr.	0·0.
2	Shoeburyness ...	37	32	29	6	0·5	0·1
	Felixstowe ...	36	32	29	6	2	0·0.
	Gorleston ...	38	34	32	3.	1	0·0.
	Mildenhall ...	35	33	30	3.	Tr.	0·0.
	Cranwell ...	37	32	30	0·2.	Tr	0·0
3	Birmingham ...	36	31	30	Tr.	Tr	0·0.
	Upper Heyford	35	31	30.	0·4.	0·1	*
4	Ross-on-Wye	39	31	29	0·1	0·6	0·4
5	Portland Bill ...	42	34	*	0·1	-	*
	Plymouth ...	41	38	32	2.	4	0·0
	The Lizard ...	47	38	*	6.	1	*
	Scilly (St. Mary's)	48	40	*	-	2	0·0.
	Guernsey ..	46	39	38	2	1	0·1
6	Pembroke ...	37	31	*	5.	2	0·0.
7	Holyhead ...	38	34	31	1	Tr	0·0.
	Chester (Sealand)	39	31	28	-	-	0·0.
8	Manchester ...	39	31	27	Tr.	-	1·0.
10	Spurn Head ...	37	32	*	0·2.	Tr.	0·0.
	Catterick ...	38	26	19	1	0·5	2·0.
	Tynemouth ...	38	32	30	0·1	2	2·4
11	Inchkeith ...	39	28	24	1	Tr.	4·4
	Leuchars ...	39	26	20	0·5.	Tr	1·7
12	Renfrew (Abbots I.)	37	24	18	0·1	-	3·5.
	Eskdalemuir ...	36	23	17	0·4	0·4	2·6.
	Point of Ayre...	39	35	*	-	-	0·2
13A	Tiree	40	25	16	-	-	10·3.
13B	Stornoway ...	40	31	*	0·4.	1	5·1
15	Dalwhinnie ...	35	4	1	-	-	8·6
	Aberdeen ...	39	27	22	Tr.	-	5·5
	Wick ...	40	27	*	-	-	*
16	Lerwick ...	38	32	*	-	Tr.	4·5.
17	Blacksod Point	41	30.	*	-	-	*
18	Malin Head ...	39	34	*	Tr.	-	4·4.
	Aldergrove ...	38	29	23	Tr.	Tr	0·1
19	Birr Castle ...	35	30	29	2.	1	0·0
20	Valentia Obsy. †	39	34	33	Tr.	Tr.	0·0.
	Roches Point	39	33	*	0·2	0·5	*

LONDON OBSERVATIONS

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

	Heh. 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	SSC m.	c m.	c m.	37	34	33	3	-	0·5	*	*	
Croydon ...	217	cs. s.h.	c m.	c s.h. m.	36	33	32	3	0·2	0·2.	*	*	5
Greenwich (Royal Observatory) ...	149	SS.	S. c	cS.	36	33	30	1	Tr	0·0	82	79	6.
City (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	0·1	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	40	34	33			0·3	79	75	*
Regents Pk (Botanic Gardens)‡ ...	168	*	*	*	37	33	32	11	-	0·2	81	70.	*
Camden Square ...	110	cS.	c	*	37	34	32	1	-	*	*	70	*
Kensington ...	80	co	co	*	36	34	32	2	Tr	0·2	At 18h. 78	72	*
Hampstead Observatory ...	450	c3	bc	cK S	37	30	28	1	Tr	0·5	*	33.	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
0·6	9–18h 7th	<0·3	1–4h 8th

Kew Observatory Max.	Time.	Min.	Time.
Defective.			

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 7th March Barom. mb.	Wind Direc.	Wind Force	Weather.	Temp. °F.	7h. G.M.T. 8th Barom. mb.	Wind Direc.	Wind Force	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris ...	1001·4	WNW	2	c/pr	48	1000·8	ENE	2	sh.	34	55	34	2	3.
Brussels ...	997·1	NNE	2	df	34	1004·5	NE	2	z	30	36	30	7	*
Berlin ...	1004·2	NNW	2	c	34.	1003·5	NE	2	ss	30	37	30	-	1
Zurich ...														
Rome ...	1012·2	SSE	3	c	54	1005·1	SE	3	c	-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

Tuesday, 9th March, 1937.
No. 27501

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°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)	1005.1	-10	NE	4	z₀	36	75	5	6	2	-	4.6	10	1500
	Croydon ...	1004.5	-10	NE	4	sh	34	85	5	6	2	-	7.8	10	1500
	S. Farnborough	1004.8	-10	NE	3	is₀	35	75	6	5	-	-	10	10	1500
	Boscombe Down	1005.0	-4	NE	4	c	35	75	7	5	2	-	7.8	10	2500
	Calshot (Sthmtn.)	1004.2	-6	NNE	4	z₀	39	75	6	8	7	-	9	9+	1500
	Lympne ...	1004.8	-10	NE	4	c/ps	35	75	7	5	2	-	7.8	10	1500
	Manston ...	1004.8	-6	ENE	5	c/ps	36	65	7	5	-	-	10	10	1500
2	Shoeburyness ...	1005.7	-6	NE'E	4	sh	35	85	8	6	2	-	7.8	10	1500
	Felixstowe ...	1005.1	-16	NE'N	4	s/rs	36	65	6	8	2	-	9	10	1500
	Gorleston ...	1006.9	-6	NNE	4	c	37	75	7	8	-	-	10	10	2500
	Mildenhall ...	1006.3	-10	NE	4	c	38	65	9	5	3	-	4.6	9+	2500
	Cranwell ...	1007.9	-10	NE	2	c	38	65	8	7	3	9	7.8	9	4000
3	Birmingham ...	1007.4	-6	ENE	4	m	36	45	4	7	-	-	9	9	2500
	Upper Heyford	1006.6	-8	ENE	3	c	36	55	7	7	-	-	9	9	2500
4	Ross-on-Wye	1006.4	-10	NE	4	c	37	55	8	5	-	-	9+	9+	4000
5	Portland Bill ...	1002.1	-6	ENE	5	c	38	85	6	4	-	-	10	10	2500
	Plymouth ...	1002.8	+2	NE	4	c	37	75	8	5	7	-	4.6	10	2500
	The Lizard ...	1001.4	0	NE'N	6	c	37	92	7	8	2	-	9	10	1500
	Scilly (St.Mary's)	1001.7	+8	NE'E	6	r₀r₀	38	85	6	6	2	-	7.8	10	1500
	Guernsey ...	1000.4	-8	E	5	rr	39	92	6	5	-	-	10	10	1500
6	Pembroke ...	1005.8	-4	ENE	4	q	35	85	7	5	7	-	4.6	9+	2500
7	Holyhead ...	1008.1	-6	NE	4	c	38	75	8	2	1	-	7.8	9+	2500
	Chester(Sealand)	1008.4	-10	N'W	2	z₀	39	55	5	6	-	-	10	10	4000
8	Manchester ...	1008.5	-10	ENE	2	z₀	37	75	5	8	3	-	7.8	9+	2500
10	Spurn Head ...	1007.9	-4	NE'E	3	c	42	65	8	4	6	8	2.3	7.8	4000
	Catterick ...	1008.8	-12	N'W	2	s₀s₀	34	97	5	-	2	-	10	10	800
	Tynemouth ...	1008.6	-6	N	4	c/ps	36	92	8	9	-	-	9	9	1500
11	Inchkeith ...	1011.3	-6	SW	2	bc	38	85	8	5	4	-	2.3	2.3	2500
	Leuchars ...	1010.7	-12	WNW	3	c	38	65	7	5	3	1	2.3	7.8	7200
12	Renfrew (Abbots I.)	1010.9	-14	NNW	1	c	41	45	8	-	3	-	0	7.8	-
	Eskdalemuir ...	1010.4	-6	N'E	3	c	35	65	8	5	-	1	4.6	7.8	5700
	Point of Ayre...	1010.7	-6	NE'E	2	c	39	75	8	4	7	-	1	7.8	2500
13A	Tiree	1011.9	-10	N	1	bc	39	65	9	7	-	6	Tr	4.6	4000
13B	Stornoway ...	1012.5	-2	NNE	2	c	41	75	9	8	7	4	4.6	7.8	2500
15	Dalwhinnie ...	*	-10	-	0	c	32	85	8	-	5	7	0	9	-
	Aberdeen ...	1010.1	-6	NW	4	ps₀	36	85	6	9	3	-	9	9+	1500
	Wick ...	1010.3	-8	N	2	c	39	85	8	8	6	8	7.8	9+	1500
16	Lerwick ...	1009.2	-14	N	3	bc	37	85	8	8	9	-	4.6	4.6	1500
17	Blacksod Point	1012.5	-6	NE	1	bc	42	65	8	1	-	-	2.3	2.3	5700
18	Malin Head ...	1011.8	-8	NW	1	bc	39	85	8	1	-	-	2.3	2.3	4000
	Aldergrove ...	1011.2	-8	N	2	bc	40	55	8	1	3	-	2.3	4.6	2500
19	Birr Castle ...	1010.5	*	NW	1	c/ps	37	75	8	8	-	-	7.8	7.8	2500
20	Valentia Obsy. †	1011.0	-2	NE'N	4	c	40	65	8	9	-	-	7.8	7.8	1500
	Roches Point	1008.9	+2	NE	4	c	39	65	8	8	-	-	7.8	7.8	2500

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1004.0	-4	NE	4	z₀	35	65	5	5	2	-	7.8	10	1500	1	*
	Croydon ...	1003.6	-2	NE	4	z₀	34	92	5	5	-	-	10	10	1500	8	*
	S. Farnborough	1004.2	0	NE	3	z₀	34	75	6	5	-	-	9+	9+	800	7	*
	Boscombe Down	1004.1	-2	NE'N	3	c	34	75	7	5	7	-	4.6	9+	2500	4	*
	Calshot (Sthmtn.)	1003.6	-2	NNE	4	z₀	36	75	6	5	7	-	7.8	10	1500	1	3
	Lympne ...	1003.6	-2	NE	5	c	33	75	8	5	2	-	4.6	10	1500	1	§4
	Manston ...	1003.7	-2	NE	4	c	34	85	7	5	-	-	10	10	1500	1	*
2	Shoeburyness ...	1004.5	-6	NE	4	c	35	75	8	8	2	-	9	10	1500	1	*
	Felixstowe ...	1005.0	-2	NE	4	z₀	36	65	6	5	2	-	9+	10	1500	1	3
	Gorleston ...	1005.5	-6	NE'E	4	c	36	65	6	6	-	-	10	10	2500	1	3
	Mildenhall ...	1005.7	-2	NE'E	2	c	35	65	8	5	-	-	10	10	4000	1	*
	Cranwell ...	1006.9	-4	ENE	2	c	34	75	8	5	-	3	4.6	7.8	4000	1	*
3	Birmingham ...	1006.2	-4	ENE	4	c	35	55	5	1	3	-	Tr	7.8	2500	1	*
	Upper Heyford	1005.8	-4	NNE	2	c	33	75	7	5	-	-	9+	9+	2500	4	*
4	Ross-on-Wye	1005.6	-6	NE'E	3	bc	34	65	7	5	-	1	2.3	4.6	4000	1	*
5	Portland Bill ...	1001.2	-6	ENE	5	c	36	85	6	4	-	-	10	10	2500	1	4
	Plymouth ...	1003.1	+10	NE	4	c	37	75	8	5	7	2	2.3	9+	2500	1	1
	The Lizard ...	1002.7	+10	N'E	4	c	37	85	8	8	2	-	9+	10	1500	1	3
	Scilly (St.Mary's)	1002.6	+6	NE'E	5	c	39	75	7	8	2	-	7.8	10	1500	1	3
	Guernsey ...	999.9	+2	ENE	5	rr	38	97	6	5	-	-	10	10	1500	2	4
6	Pembroke ...	1005.1	-4	NE'E	3	q	36	65	7	5	7	-	4.6	9+	2500	1	2
7	Holyhead ...	1007.8	-2	NE'N	4	c/rs	39	75	7	9	2	-	7.8	10	2500	1	2
	Chester(Sealand)	1007.3	0	N	2	m	36	85	4	5	3	-	7.8	10	4000	1	*
8	Manchester ...	1007.2	-6	NNE	3	pr₀	37	85	5	5	3	-	9+	10	2500	1	*
10	Spurn Head ...	1006.5	-6	E'N	3	c	36	65	8	4	1	8	7.8	9+	2500	0	2
	Catterick ...	1007.8	-2	-	0	c/s	33	97	6	-	2	-	7.8	7.8	800	7	*
	Tynemouth ...	1008.5	+4	NE	3	c	37	85	8	9	-	-	7.8	7.8	800	4	2
11	Inchkeith ...	1009.0	-6	NW	2	c	37	85	8	5	9	-	4.6	7.8	2500	0	1
	Leuchars ...	1008.7	-14	NW	1	c	35	85	8	7	3	1	4.6	7.8	4000	1	*
12	Renfrew (Abbots I.)	1009.0	-8	NW'W	1	bc	38	55	8	-	3	9	0	2.3	-	1	*
	Eskdalemuir ...	1008.9	-6	NNW	2	bc	31	75	6	7	-	1	1	2.3	5700	4	*
	Point of Ayre...	1008.8	-6	-	0	c	38	85	8	-	7	-	0	7.8	-	1	1
13A	Tiree	1009.7	-12	N	2	c	38	75	9	5	5	1	7.8	7.8	4000	0	1
13B	Stornoway ...	1010.5	-10	N	3	bc	36	85	8	3	7	-	4.6	4.6	1500	1	1
15	Dalwhinnie ...	*	-8	SE	1	c	26	85	8	-	4	7	0	9+	-	9	*
	Aberdeen ...	1008.6	-2	NW	3	bc	35	75	7	8	-	6	2.3	4.6	1500	1	1
	Wick ...	1008.5	-12	NW	2	c	36	97	8	9	6	3	7.8	9+	800	1	2
16	Lerwick ...	1008.6	-8	N	3	bc	35	92	8	8	8	-	2.3	4.6	1500	1	*
17	Blacksod Point	1010.4	-12	W	1	bc	40	65	9	4	3	-	2.3	4.6	5700	0	1
18	Malin Head ...	1010.1	-8	NE	2	bc	37	85	8	7	-	9	4.6	4.6	4000	0	1
	Aldergrove ...	1009.5	-6	N'E	1	bc	36	75	9	4	3	1	1	2.3	4000	1	*
19	Birr Castle ...	1009.1	*	NNE	1	bc	36	75	8	5	5	-	4.6	4.6	2500	1	*
20	Valentia Obsy. †	1009.9	-2	NE'N	3	c	38	65	8	8	-	-	7.8	7.8	2500	1	1
	Roches Point	1009.0	+6	NE	4	prs	37	75	8	3	-	-	7.8	7.8	1500	1	3

PAST 24 HOURS.

District	Stations.	Weather. 7h.—12h. 8th (37)	12h.—18h. 8th (38)	18h. 8th to 1h. 9th (39)	1h.—7h. 9th (40)
1	London (Kew)	cis₀cm₀	cm₀	cm₀	cm₀
	Croydon ...	csh₀sh₀	cs₀h₀m₀	cz₀	cs₀s₀m
	S. Farnborough	r₀s₀is₀m₀	is₀m₀o	cm₀is₀	cbobc
	Boscombe Down	c	c	c	cbc
	Calshot (Sthmtn.)	cm₀	cm₀	cm₀	cm₀sbo
	Lympne ...	cpsh₀	cps₀h₀c	s₀ssm	mss₀s₀f.
	Manston ...	cps₀m₀	cis₀c	cos₀s₀m₀	ss₀ssm₀q.
2	Shoeburyness ...	shshish	ps₀h₀c	c	m₀ssc
	Felixstowe ...	sh₀rs₀c	cps₀bcbm	cm₀c	c
	Gorleston ...	cq	cq	cbcq.	bccq.
	Mildenhall ...	c	c	c	c
	Cranwell ...	cbcc	cbccy	cbcb	bxob-c
3	Birmingham ...	cbc	cbc	cbcc	c
	Upper Heyford	cps₀c	cps₀c	cbcx	bcx
4	Ross-on-Wye	c	cybcy	bobzo	c
5	Portland Bill ...	oz₀	cz₀	o	oc
	Plymouth ...	cm₀c	c	cb.	bxc
	The Lizard ...	prrrc	cpr₀c	cx	cbcx
	Scilly (St.Mary's)	rhr₀r₀	r₀r₀ir₀	c	cbcc
	Guernsey ...	oirq	orrq	orgir	o.
6	Pembroke ...	cq	cq	bbcx	cps₀m
7	Holyhead ...	r₀s₀is₀c	ir₀s₀c	crsc	rgc
	Chester(Sealand)	cm₀zzy	cz₀ym	cwb.	bfxc
8	Manchester ...	cm₀z	cid₀pr₀m	cm₀bcfx	bcbxcff.
10	Spurn Head ...	c	cbcc	c	oc
	Catterick ...	ps₀s₀sm₀	r₀s₀ssc	cm₀pr₀m₀	cm₀bh₀cm₀
	Tynemouth ...	cps	cprsc	bcphₒ	os₀s₀c.
11	Inchkeith ...	cbc	bcc	cbc	bccz.
	Leuchars ...	bybcy	bccybc	bcbcx	bcxcx
12	Renfrew (Abbots I.)	bxz₀bcy	bcy	bcx	bcom₀mx
	Eskdalemuir ...	bc	bcbz₀	bbx	bxcx
	Point of Ayre...	oc	c	cbcbc	bcco.
13A	Tiree	xbbc	bcc	cb.	bc
13B	Stornoway ...	cps	cbc	cph₀bs	bsbcc
15	Dalwhinnie ...	bcc	c	*	bcc.
	Aberdeen ...	b, ps₀	bcjp	bcbx	bxm₀c
	Wick ...	c ⊕	c	bc	bcc.
16	Lerwick ...	cps	bcpsh	bc	bcc.
17	Blacksod Point	bc	bc	pr₀c	cbc.
18	Malin Head ...	bc	bcc	bc.	c.
	Aldergrove ...	bxmbbcy	bcyb	bbx	bcx
19	Birr Castle ...	cps	cpsbc	bc.	bcx
20	Valentia Obsy. †	cis₀c	cyps₀c	ps₀bcb.	bbccis
	Roches Point	c	bccprs	prₒsbcx.	bcx

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

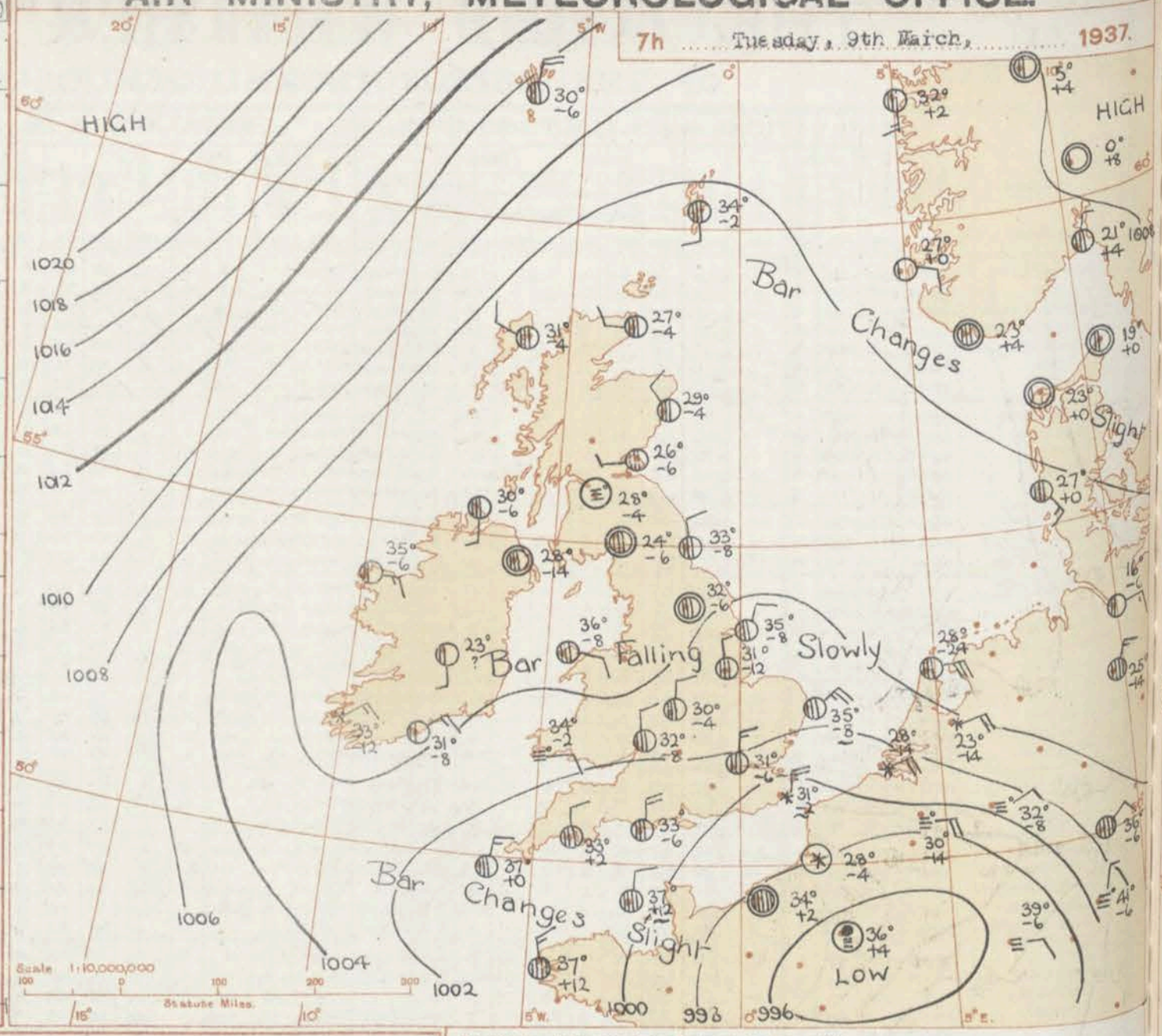
† Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 8th March 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.	orsp	o	32	35	Trace	Trace	0.0	0.0
	Bournemouth	o	o	33	38	-	-	0.0	0.4
	Ventnor ...	o	ou	35	37	-	-	0.0	2.1
	Southsea ...	o	o	35	39	-	-	0.0	4.6
	Bognor Regis	co	o	33	38	-	-	0.0	3.5
	Littlehampton	co	o	33	40	0.5	-	0.0	3.6
	Worthing ...	c	c	33	39	Trace	-	0.1	1.4
	Brighton ...	c	c	34	39	-	-	0.1	1.3
	Eastbourne† ...	o	o	35	38	-	-	0.0	0.0
	Hastings† ...	co	oco	34	38	Trace	-	0.0	0.1
	Folkestone ...	ph$_o$	ph$_o$	34	36	0.3	Trace	0.0	0.1
	Dover ...	oirs$_o$	oirs$_o$	36	38	0.2	Trace	0.0	0.0
	Deal	ours	ours	36	37	1	Trace	0.0	0.0
	Ramsgate ...	c	c	35	37	-	-	0.0	0.0
	Margate ...	cs$_o$	c	38	37	Trace	Trace	0.0	0.0
2	Southend ...	oss	os	32	37	0.5	2	0.0	0.3
	Maldon ...	o	o	34	36	-	-	0.0	0.0
	Clacton-on-Sea	ohph	oc	32	36	4	2	0.0	0.0
	Dovercourt ...	rso	rso	33	36	1	Trace	0.0	0.0
	Lowestoft ...	ois$_o$c	cis$_o$	36	36	2	Trace	0.0	0.0
	Skegness ...	c	bbcb	34	39	Trace	-	4.3	0.0
	Mablethorpe...	bc bbc	bcc	34	40	-	-	6.4	0.0
	Cleethorpes ...	c	bc	33	42	Trace	-	4.0	0.1
3	Leamington S.	cbc	cbc	33	40	-	-	1.6	0.5
4	Cheltenham†	ox	cs$_o$c	31	39	Trace	Trace	0.1	*
5	Bath	c	c	33	38	Trace	-	0.0	0.0
	Weymouth ...	c	c	34	39	0.5	-	0.1	0.2
	Jersey ...	pcrs	rs	37	38	0.1	13	0.0	0.4
	Torquay ...	o	oz$_o$	35	39	3	-	0.0	0.0
	Penzance ...	ssc	c	34	40	3	1	0.0	0.0
	St. Ives ...	pr	c	34	39	0.5	1	0.0	0.3
	Bude... ...	pc	c	33	39	3	-	0.6	0.0
	Ilfracombe ...	ros	soco	33	38	1	0.4	0.0	0.0
6	Aberystwyth	zcbc	bcc	33	39	0.3	-	3.6	0.1
7	Llandudno ...	os$_o$c	cors$_o$	34	39	-	Trace	0.3	0.0
	Colwyn Bay...	c	cop	33	38	-	Trace	0.0	0.0
	Rhyl	cbcc	c	33	39	-	-	0.3	0.0
8	Wallasey ...	bco	cp$_o$o	31	39	-	Trace	0.4	0.0
	Southport ...	cbcc	crsscs	31	39	-	1	0.4	0.0
	Blackpool ...	c	cops	32	39	-	Trace	0.7	0.0
	Morecambe ...	bbcc	c	32	39	0.3	-	1.0	1.9
9	Ilkley... ...	c	oirso	31	38	-	1	0.0	2.2
	Harrogate ...	ocirs	ocphs	29	36	Trace	0.5	0.5	1.9
10	Berwick-on-T.	b	r$_s$h$_o$c	32	39	1	0.1	4.6	1.7
11	Dunbar ...	bcm$_o$	bc	29	40	Trace	-	5.3	1.3
12	Troon... ...	xbcbb	bbcbb	26	42	-	-	8.7	3.5
	Douglas ...	cph$_o$s	bc	32	40	0.3	-	4.5	0.0

† 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.
1 S.E. England
2 E. England ...
3 E. Midlands ...
4 W. Midlands ...
5 S.W. England
6 South Wales ...
7 North Wales ...
8 N.W. England
9 N. Midlands ...
10 N.E. England
11 S.E. Scotland
12 S.W. Scotland & Isle of Man.
13 A. W. Scotld. B.N.W.Scotland.
14 Mid Scotland
15 N. E. Scotland
16 Orkney and Shetland
17 N. W. Ireland
18 N. E. Ireland
19 S. E. Ireland
20 S. W. Ireland

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 9th March, 1937.

All Districts.

Light to moderate variable or easterly winds; bright periods; occasional light wintry showers; local valley fog during night and early morning; rather cold, frost at night.

GENERAL INFERENCE.

A depression over France is moving slowly eastwards and shallow secondaries are travelling southwestwards across the British Isles. Weather will continue rather cold with bright intervals and occasional local wintry showers.

FURTHER OUTLOOK.

Continuing rather cold.

Forecasts issued at 1010 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, 9th March, 1937.

No. 27501

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	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	1002·0	-6	NE'N	4	is	33	75	6	5	-	-	10	10	2500.
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1001·9	-6	NE'N	4	ss	31	92	4	-	-	-	10	10	<150
	Manston ...	142	1002·0	-6	NE'E	4	s₀	32	92	4	3	-	-	10	10	1500.
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1004·9	-6	NE'E	5	bc	34	75	7	8	-	-	4-6	4-6	2500.
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1001·5	-2	NE	4	o	34	75	7	5	-	-	10	10	2500.
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1003·9	+2	N	3	c	35	75	7	5	2	-	9	10	1500.
	Scilly (St. Mary's)	163	1004·1	0	NE'N	4	c	39	75	8	5	-	-	10	10	2500.
	Guernsey ..	175	1000·5	+4	NE	5	o	37	85	7	5	-	-	10	10	2500
6	Pembroke ...	142	1004·7	-2	E'N	2	bc	32	92	7	5	-	-	4-6	4-6	2500.
7	Holyhead ...	26	1004·0	-6	ENE	3	S	37	85	7	-	-	-	10	10	2500.
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1006·3	-6	E'N	3	c	36	75	8	-	2	-	0	10	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1006·5	-4	N	2	bc/hr	35	92	6	2	-	-	4-6	4-6	1500.
11	Inchkeith ..	190	1005·0	-4	NW	1	bc	34	92	7	5	-	-	4-6	4-6	1500.
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1007·1	-10	E	2	bc	37	92	8	-	7	-	0	2·3	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1008·0	-10	NNW	3	c/p3	33	97	9	8	7	-	4-6	7-8	2500.
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1006·9	+10	W	2	bc	29	97	8	5	-	-	2·3	2·3	1500.
16	Lerwick ...	156	1007·0	+2	ENE	1	is₀	34	92	7	9	-	-	7·8	7·8	800.
17	Blacksod Point	18	1007·3	-20	SE	3	c	37	75	7	5	-	-	9	9	800.
18	Malin Head ...	83	1007·2	-16	SE	1	bc	31	97	8	4	-	-	2·3	2·3	2500.
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1008·8	-10	-	0	b	33	75	8	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	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)	1001·0	-2	NNE	3	zp	32	75	6	5	7	1	4-6	7-8	1500.	1	*
	Croydon ...	1000·7	-6	NNE	3	c/s	31	85	5	5	7	2	4-6	9	1500.	8	*
	S. Farnborough	1001·5	+8	NNE	3	bc	30	75	7	5	3	9	1	2-3	4000	8	*
	Boscombe Down	1002·0	-2	N'E	3	bc	29	85	7	5	-	1	4-6	4-6	2500	4	*
	Calshot (Sthmtn.)	1001·5	-2	N'W	3	bc	32	85	7	5	7	-	2-3	4-6	4000.	1	2
	Lympne ...	999·7	-2	NNE	5	sf	31	97	3	-	-	-	10	10	<150	7	4
	Manston ...	999·7	-4	NE'N	4	ss	32	92	3	-	-	-	10	10	<150	7	*
2	Shoeburyness ...	1000·9	-10	N'E	3	ss	33	85	6	6	2	-	4-6	10	1500	7	*
	Felixstowe ...	1001·5	-2	NE'N	4	c	36	65	7	5	7	-	4-6	10	2500	1	5
	Gorleston ...	1002·3	-8	NE	5	c	35	65	6	8	-	-	10	10	2500	0	4
	Mildenhall ...	1002·2	-10	N'E	2	c	32	85	8	5	7	-	1	7-8	2500.	0	*
	Cranwell ...	1004·2	-12	N	1	c	31	75	8	5	7	3	4-6	9+	4000	3	*
3	Birmingham ...	1004·1	-4	NNE	2	mw	30	75	4	5	-	-	10	10	2500	1	*
	Upper Heyford	1003·2	-6	N	2	bc	28	85	7	-	7	1	0	2-3	-	4	*
4	Ross-on-Wye	1003·3	-8	N'E	2	c	32	85	6	5	-	-	9+	9+	2500	3	*
5	Portland Bill ...	1001·0	-6	NNE	4	c	33	85	7	4	-	-	10	10	2500	1	3
	Plymouth ...	1003·1	+2	N'E	2	c	33	75	8	5	4	-	7-8	9	2500	3	1
	The Lizard ...	1003·7	0	N	3	bc	32	65	7	4	6	-	4-6	4-6	2500	3	2
	Scilly (St. Mary's)	1003·5	0	NE'N	3	c	37	75	8	2	3	-	4-6	7-8	2500	1	3
	Guernsey ..	1001·8	-12	NNE	2	o	37	75	7	5	-	-	10	10	2500	1	4
6	Pembroke ...	1003·0	-2	E	2	mw	34	85	4	5	2	-	4-6	9+	2500	5	1
7	Holyhead ...	1004·0	-8	E'S	2	c	36	85	7	9	7	-	7-8	9+	2500	1	2
	Chester (Sealand)	1004·6	-8	NNW	1	f	29	92	3	5	-	-	9	9	7200	3	*
8	Manchester ...	1004·4	-10	NNE	2	f	31	97	3	5	3	-	7-8	9	2500	3	*
10	Spurn Head ...	1003·3	-8	NE	2	c	35	75	8	5	7	-	4-6	10	1500	0	1
	Catterick ...	1004·6	-6	-	0	zo	32	97	6	5	7	-	9	9+	2500	4	*
	Tynemouth ...	1004·5	-8	N	2	c	33	85	6	9	1	-	4-6	10	1500	7	2
11	Inchkeith ..	1003·3	-24	SW	2	mw	30	97	4	5	-	-	7-8	7-8	1500	3	1
	Leuchars ...	1006·6	-6	W	1	c	26	85	9	8	-	8	Tr	9+	2500.	1	*
12	Renfrew (Abbots L.)	1005·5	-4	-	0	mw	28	97	4	5	-	-	10	10	1500.	3	*
	Eskdalemuir ...	1005·7	-6	-	0	c	24	92	8	-	7	-	0	9+	-	4	*
	Point of Ayre...	1004·9	-12	E'N	2	c	36	97	8	8	1	-	7-8	10	1500	1	1
13A	Tiree	1004·6	-8	-	0	bc	28	92	8	2	5	5	2-3	2-3	2500	3	1
13B	Stornoway ...	1005·0	-4	WNW	2	c	31	97	9	8	7	3	4-6	7-8	2500	4	1
15	Dalwhinnie ...	*	-6	S	1	c	11	85	6	4	5	7	1	10	4000	9	*
	Aberdeen ...	1005·1	-4	NW	2	c	29	92	6	3	3	8	Tr	9	2500	3	1
	Wick ...	1005·1	-4	W	2	c	27	92	8	8	7	-	4-6	7-8	1500	5	1
16	Lerwick ...	1005·7	-2	S	2	c	34	97	8	8	7	-	7-8	7-8	1500	4	*
17	Blacksod Point	1004·6	-6	E	3	bc	35	85	8	4	-	-	2-3	2-3	1500	0	3
18	Malin Head ...	1005·0	-6	S	1	c	30	97	8	8	-	-	7-8	7-8	2500	3	2
	Aldergrove ...	1005·5	-14	-	0	c	28	97	7	5	3	-	4-6	9+	4000	3	*
19	Birr Castle ...	1005·3	-	S	1	bc	23	97	8	-	3	-	0	4-6	-	3	*
20	Valentia Obsy. †	1004·7	-12	NE	3	is	33	85	6	6	-	-	10	10	1500	4	2
	Roches Point	1005·5	-8	NE	3	bc	31	85	8	5	-	-	2-3	2-3	2500	3	3

PAST 24 HOURS.

District	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 8th Hrs. (36)
1	London (Kew)	37	32	29	Tr	-	0·0
	Croydon ...	34	31	28	Tr	0·2	0·0
	S. Farnborough	35	30	24	Tr	Tr	0·0
	Boscombe Down	35	29	27	-	-	0·0
	Calshot (Sthmtn.)	39	32	29	-	Tr.	0·1
	Lympne ...	35	31	30	Tr	4	0·0
	Manston ...	36	31	31	0·1	1	0·0
2	Shoeburyness ...	38	31	31	2	0·1	0·0
	Felixstowe ...	37	32	32	0·5	-	0·0
	Gorleston ...	37	34	32	-	-	0·0
	Mildenhall ...	38	32	30	-	-	0·4
	Cranwell ...	42	30	27	-	-	4·5
3	Birmingham ...	38	30	25	-	-	4·1
	Upper Heyford	37	28	25	Tr	-	*
4	Ross-on-Wye	38	30	21	-	-	1·4
5	Portland Bill ...	38	31	*	-	-	*
	Plymouth ...	38	32	28	Tr	-	0·0
	The Lizard ...	38	31	*	5	-	*
	Scilly (St. Mary's)	40	36	*	8	-	0·0
	Guernsey ..	40	37	35	7	4	0·0
6	Pembroke ...	37	33	*	-	Tr.	0·6
7	Holyhead ...	40	35	28	Tr	1	1·1
	Chester (Sealand)	39	28	20	-	-	0·1
8	Manchester ...	39	29	24	Tr	-	0·1
10	Spurn Head ...	43	34	*	-	-	5·0
	Catterick ...	35	32	30	5	0·2	0·0
	Tynemouth ...	43	33	30	6	1	0·7
11	Inchkeith ..	42	30	25	-	-	7·2
	Leuchars ...	40	24	17	-	-	6·5
12	Renfrew (Abbots L.)	43	27	24	-	-	9·4
	Eskdalemuir ...	38	24	20	-	-	7·7
	Point of Ayre...	40	36	*	-	-	2·6
13A	Tiree	43	27	20	-	-	8·7
13B	Stornoway ...	42	30	*	0·6	2	5·9
15	Dalwhinnie ...	34	11	7	-	-	2·8
	Aberdeen ...	40	29	25	Tr	-	7·1
	Wick ...	42	26	*	-	-	*
16	Lerwick ...	40	33	*	1	0·5	5·5
17	Blacksod Point	43	32	*	-	Tr.	*
18	Malin Head ...	39	29	*	-	-	9·2
	Aldergrove ...	41	25	19	Tr	-	10·0
19	Birr Castle ...	39	22	12	0·5	-	3·7
20	Valentia Obsy. †	41	27	23	Tr	0·3	2·3
	Roches Point	40	30	*	0·1	Tr.	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon (24 hrs. ended 9h.)	Weather Night (24 hrs. ended 9h.)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T % (Yesterday)	Humidity 9h. G.M.T % (To-day)	Visibility 9h.
KEW ...	18	c15₀cm₀	cm₀	cm₀	37	32	29	Tr	-	0·0	*	*	6.
CROYDON ...	217	c3h₀sh₀	c5₀h₀m₀	c5₀m₂	34	31	28	Tr	0·2	0·0	*	*	4.
GREENWICH (Royal Observatory) ...	149	c5₀	c5₀c	c5₀c	36	31	27	Tr	-	0·0	69	81	6.
CITY (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	0·0	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	38	33	30	-	-	0·0	63	68	*
REGENTS PK. (Botanic Gardens)‡ ...	168	*	*	*	36	31	29	Tr	-	0·0	66	96	*
CAMDEN SQUARE ...	110	c0₀sc	c	*	36	32	28	Tr	-	*	*	68	*
KENSINGTON ...	80	c bcx	co	*	36	32	28	-	-	0·0	At 18h. 72	95	*
HAMPSTEAD OBSERVATORY ...	450	o3	o	oxbc	34	29	25	Tr	-	0·0	*	95	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

SOUTH KENSINGTON. Max.	Time.	Min.	Time.
0·5	15-21h 8th	<0·3	2-4h 9th

KEW OBSERVATORY. Max.	Time.	Min.	Time.
0·2	19h 8th	<0·1	3h 9th.

FOREIGN OBSERVATIONS.

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

Stations	Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.
PARIS ...	998·9	ENE	3	0	39
BRUSSELS ...	1002·4	ENE	4	0	30
BERLIN ...	1005·5	NNE	3	is₀	30
ZURICH ...	1000·0	NE	1	c	50
ROME ...	1007·1	3	6	c	57

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

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 ...	996·5	-	0	df	36	39	36	6.	Tr.
BRUSSELS ...	996·3	E	4	mw	30	32	25	-	Tr.
BERLIN ...	1006·4	ENE	3	c	27	32	27	-	-
ZURICH ...	999·5	ESE	5	zo	37	61	37	-	-
ROME ...	1001·1	SE	4	c	55	*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

Wednesday, 10th March, 1937.
No. 27502

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud Form Low (9)	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)	1000.6	-6	NNE	4	z_o	37	55	6	1	3	-	1	9	2500
	Croydon	1000.2	-2	NNE	3	z_o	36	65	6	5	3	-	7-8	9+	4000
	S. Farnborough	1001.0	-8	NE	3	c	40	55	7	9 2	2-	1	7-8	7-8	4000
	Boscombe Down	1001.5	-8	NNE	3	bc	37	55	7	7	-	-	4-6	4-6	2500
	Calshot (Sthmtn.)	1001.3	-6	N	3	c	39	55	7	7	3	-	2-3	7-8	4000
	Lympne	999.6	+2	N'E	4	ps	33	85	6	5	-	-	9+	9+	1500
	Manston	998.9	-2	NE'E	5	is	34	85	4	5	-	-	10	10	450
2	Shoeburyness	1000.6	+4	NE'N	4	c	36	75	8	8	7	-	7-8	10	2500
	Felixstowe	1000.4	-2	NE'N	5	c	36	75	7	5	-	-	9	9	2500
	Gorleston	1001.6	-8	NE'N	5	c	36	75	6	8	-	-	7-8	7-8	2500
	Mildenhall	1001.5	-4	NE'E	4	c	38	55	9	5	7	-	4-6	10	4000
	Cranwell	1002.9	-6	N	1	ps	37	75	7	8	3	-	9+	9+	2500
3	Birmingham	1003.1	-4	NNE	2	is_o	35	65	4	6	3	-	4-6	9	2500
	Upper Heyford	1002.3	-8	NE	2	c	36	65	7	8	-	1	7-8	7-8	4000
4	Ross-on-Wye	1002.6	-6	NE	2	c	37	55	6	8	6	-	9	9	4000
5	Portland Bill	1001.5	-2	NNW	3	c	38	65	7	4	-	-	10	10	2500
	Plymouth	1003.4	-2	NNE	2	bc	40	55	8	1	4	-	4-6	4-6	4000
	The Lizard	1003.2	-4	-	0	c	43	55	7	8	6	-	7-8	7-8	2500
	Scilly (St. Mary's)	1003.7	-4	NW	2	bc	45	65	7	8	6	-	4-6	4-6	2500
	Guernsey	1001.9	+6	NNE	2	c	37	75	7	8	-	-	10	10	2500
6	Pembroke	1002.8	-6	SE	2	c	39	55	7	5	6	-	4-6	7-8	2500
7	Holyhead	1002.9	-6	SW'S	2	c	41	65	7	2	-	7	4-6	9+	2500
	Chester (Sealand)	1003.2	-8	-	0	z_o	41	55	5	8	-	-	7-8	7-8	4000
8	Manchester	1003.2	-10	-	0	m	36	85	4	8	-	-	9+	9+	4000
10	Spurn Head	1003.1	-8	NE'E	2	c	40	65	8	5	2	-	7-8	9+	1500
	Catterick	1003.4	-10	NNW	3	z_o	37	85	6	6	3	-	7-8	9	2500
	Tynemouth	1003.7	-6	NE	2	c	35	92	6	-	2	-	9	9	800
11	Inchkeith	1003.7	-8	NE	2	c	38	85	6	5	-	-	9+	9+	1500
12	Leuchars	1004.5	-6	-	0	c	38	65	7	7	-	7	1	9+	4000
	Renfrew (Abbots I.)	1004.2	-10	W'N	1	m	33	85	4	-	-	7	0	10	-
	Eskdalemuir	1003.6	-6	NNE	3	c	36	65	8	1	-	8	Tr	9	4000
	Point of Ayre	1007.7	-12	E'N	1	c	40	65	8	2	5	-	2-3	7-8	2500
13A	Tiree	1003.5	-6	S'E	2	c	41	65	9	2	-	8	4-6	7-8	2500
13B	Stornoway	1004.4	-4	SE	2	c	40	75	9	8	7	4	2-3	7-8	4000
15	Dalwhinnie		-8	NE	1	c	31	85	8	-	-	6	0	9+	-
	Aberdeen	1004.5	-4	NE'E	2	bc	39	75	8	8	-	6	2-3	4-6	2500
	Wick	1004.7	0	SE	1	c	41	75	8	8	7	7	4-6	10	1500
16	Lerwick	1005.5	-2	SE	2	bc	39	65	8	7	8	4	4-6	4-6	2500
17	Blacksod Point	1003.1	-10	E	2	bc	43	65	8	2	-	1	2-3	2-3	2500
18	Malin Head	1003.4	-4	SE	2	c	39	85	8	8	-	6	4-6	7-8	2500
	Aldergrove	1003.4	-14	WNW	1	c/ps	36	75	7	5	1	8	2-3	9+	4000
19	Birr Castle	1003.7		SE	1	c	41	55	8	5	-	-	7-8	7-8	2500
20	Valentia Obsy. †	1002.2	-16	S	3	jp	41	85	8	5	1	-	7-8	9+	1500
	Roches Point	1003.6	-8	S	2	c/pr	39	65	8	3	7	-	4-6	7-8	1500

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

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)	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)	1001.6	+10	NE	3	z_o	37	55	5	5	-	-	7-8	7-8	2500	1	*
Croydon	1000.9	+8	NE	2	m	35	65	4	5	-	-	10	10	4000	4	*
S. Farnborough	1001.5	+8	NE'N	2	c	37	55	7	8	3	1	4-6	9	4000	4	*
Boscombe Down	1001.9	+8	N'W	1	bc	35	65	7	5	3	-	2-3	4-6	2500	4	*
Calshot (Sthmtn.)	1001.7	+6	N	2	bc	38	45	7	7	4	9	1	4-6	4000	1	1
Lympne	1000.8	+12	N'W	4	s_os_o	31	92	4	6	-	-	10	10	220	4	§ 2
Manston	1000.2	+14	N'E	4	c/s	32	92	7	6	2	-	7-8	10	800	4	*
Shoeburyness	1000.9	+6	N'W	2	is_o	34	85	8	8	7	-	7-8	9+	2500	1	*
Felixstowe	1001.0	+14	N'W	3	ps	32	92	5	6	2	-	9+	10	1500	1	3
Gorleston	1001.5	0	N'E	5	ps	35	75	7	6	-	-	10	10	1500	1	4
Mildenhall	1001.8	+6	NE N	2	c	35	75	8	5	3	-	1	7-8	2500	1	*
Cranwell	1002.6	+2	-	0	ps	34	85	7	9	3	-	4-6	7-8	2500	1	*
Birmingham	1002.6	0	NNE	1	z_o	36	55	5	8	-	-	9	9	2500	1	*
Upper Heyford	1002.8	+10	NNW	2	z_o	32	97	6	5	7	-	7-8	7-8	1500	4	*
Ross-on-Wye	1002.5	-4	NNW	1	z_o	35	65	5	5	7	9	2-3	4-6	4000	1	*
Portland Bill	1001.8	+6	NNW	3	c	38	65	7	4	-	-	10	10	2500	1	2
Plymouth	1002.8	+4	WNW	2	z_o	39	55	6	5	7	2	2-3	7-8	2500	1	1
The Lizard	1002.5	-2	NW	1	c	40	75	8	8	6	-	4-6	7-8	2500	1	2
Scilly (St. Mary's)	1002.5	-6	S	1	c/ps	37	85	7	8	7	3	7-8	9	2500	1	2
Guernsey	1002.9	+6	NNW	3	c	37	65	7	8	3	-	4-6	7-8	2500	1	3
Pembroke	1002.4	-6	SE'S	2	c	37	65	7	8	7	-	7-8	9	2500	1	1
Holyhead	1002.1	+2	NNE	1	s_os_o	35	97	5	9	2	-	7-8	10	1500	1	1
Chester (Sealand)	1002.6	+2	NW'N	1	m/s	35	85	4	-	2	-	10	10	1500	1	*
Manchester	1002.4	+4	SSW	2	is_o	34	92	4	6	2	-	9	10	1500	1	*
Spurn Head	1001.9	-2	NNW	1	c	35	92	7	5	2	-	7-8	9+	1500	1	1
Catterick	1002.4	-2	-	0	z_o	33	97	5	5	-	-	9+	9+	1500	7	*
Tynemouth	1002.9	0	NE	2	bc	35	85	8	9	6	1	4-6	4-6	800	4	2
Inchkeith	1003.5	-4	E	2	c	35	97	8	8	5	6	4-6	7-8	4000	0	1
Leuchars	1003.4	-4	E	1	c	35	75	8	7	-	2	7-8	9	2500	1	*
Renfrew (Abbots I.)	1003.0	-2	NE'E	2	m	34	75	4	5	-	8	4-6	7-8	4000	3	*
Eskdalemuir	1003.0	-2	NE'N	2	c/s	32	92	6	5	3	8	2-3	9	2500	4	*
Point of Ayre	1002.5	-6	-	0	bc	38	75	7	-	6	4	0	4-6	-	1	0
Tiree	1002.6	-4	SSE	2	c	36	85	9	8	7	8	Tr	7-8	2500	0	1
Stornoway	1003.3	-2	SSE	2	bc	37	75	9	3	7	3	1	4-6	2500	1	1
Dalwhinnie		-2	S	1	c	25	85	8	-	6	7	0	9+	-	9	*
Aberdeen	1003.8	-2	-	0	c/ps	35	75	7	8	-	6	2-3	7-8	2500	1	[illegible]
Wick	1003.7	-2	E	2	ps	36	97	8	5	7	8	4-6	7-8	800	1	1
Lerwick	1005.7	+2	SE	2	bc	38	75	8	7	8	5	2-3	4-6	2500	1	*
Blacksod Point	1001.9	-12	WNW	1	bc	39	75	8	4	-	3	2-3	4-6	2500	0	2
Malin Head	1002.2	-4	SE	2	c	38	85	7	8	6	-	7-8	7-8	2500	0	2
Aldergrove	1002.6	-4	-	0	is_o	32	97	6	5	2	-	9	10	1500	4	*
Birr Castle	1001.8		SE	1	c	39		8	5	-	-	7-8	7-8	2500	1	*
Valentia Obsy. †	1000.3	-6	SE'E	2	bc	37	85	8	3	-	2	2-3	4-6	1500	1	2
Roches Point	1001.1	-8	S'E	3	c	40	65	8	3	1	-	4-6	7-8	1500	1	3

PAST 24 HOURS. — WEATHER.

Stations	7h.—13h. 9th (37)	13h.—18h. 9th (38)	18h 9th to 1h. 10th (39)	1h.—7h. 10th (40)
London (Kew)	cz_oy	cz_oy	cbcx	fxFFx
Croydon	cm_obmcm	cz_o	cm	cmbmx
S. Farnborough	bccbcy	bcycy	cbm_of	bfoFex
Boscombe Down	bcbcy	bcybc	bcbcx	$bcxm_o$
Calshot (Sthmtn.)	bccbcy	bcy	bcybx	b,cxm_o
Lympne	fs_os_omc	pshis	$bshs_os_o$	cm_obm
Manston	ssfmosm	s_ocosm_o	shs_os_oc	cm_oc
Shoeburyness	s_os_obcc	cis_oc	cx	$cbcm_ox$
Felixstowe	cis_obc	cps_o	cps_om_o	$cs_os_ocm_o$
Gorleston	cq	cps_oq	os_obc	$bccxz_o$
Mildenhall	c	cyc	c,bx	$bcoss s_off$
Cranwell	$cbccs_os_o$	$cps_os_os_o$	cps_o	cmx
Birmingham	cbcm	cps_o	cbc	bcbxm
Upper Heyford	bcxbc	$bccps_om$	ps_ocbmfx	FbfFx
Ross-on-Wye	cbcc	ccz	czbm	ffx
Portland Bill	c	c	bcbc	$opsz_o$
Plymouth	cbbcy	$bccyz_o$	obxcss	$cssirpr_o$
The Lizard	bccy	cbcc	cbc	bcprc
Scilly (St. Mary's)	cbc	bccps	p_obcc	cpsbc
Guernsey	orso	oc	bcors	~~bcose~~ rsphr
Pembroke	cm_obccy	cm_oc	cbc	$bccm_o$
Holyhead	m_oc	$r_os_os_oc$	$cs_os_or_os_ob$	bbc x
Chester (Sealand)	$cfxps_om_oy$	cz_oymis_o	cm	cFx
Manchester	$cffs_oucm$	cmfcm	cis_off	off
Spurn Head	c	ossc	csrs	sc
Catterick	$om_os_ocm_o$	$ssfcm_o$	cm_om	$mofcm_o$
Tynemouth	c_ossc	cbc	bcops	ocpsm
Inchkeith	czc	c	cis	cisc
Leuchars	cm_oc	cbcc	ccp_o	cps_om_o
Renfrew (Abbots I.)	ocmx⊕	$cmfz_o$	czm_ox	$cmxis_o$
Eskdalemuir	cxbcc	cis_om_o	cm_oc	ccps
Point of Ayre	oc	cbc	bcbc	bc
Tiree	bcc	c	cbc	cbc
Stornoway	c	cbc	bc	bc
Dalwhinnie	c	c	*	bcc
Aberdeen	cm_obc	$bcvps_o$	bc*ps	$cpsm_o$
Wick	c	cps_o	cp_osc	cpsc
Lerwick	cbc	bc	bc	bc
Blacksod Point	bc	bc	bc	c
Malin Head	c	c	bc	bcc
Aldergrove	$cxjfps_o$	$cosfxs_o$	$cs_ocs_os_o$	$cs_os_ocm_o$
Birr Castle	bcc	c	cbc	bcx
Valentia Obsy. †	cisc	prs_ocbc	bcx	bcxbc
Roches Point	$bcxcp_oc$	cps_oc	cpsc	cossS

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

COLUMN 29.—STATE OF GROUND.

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

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

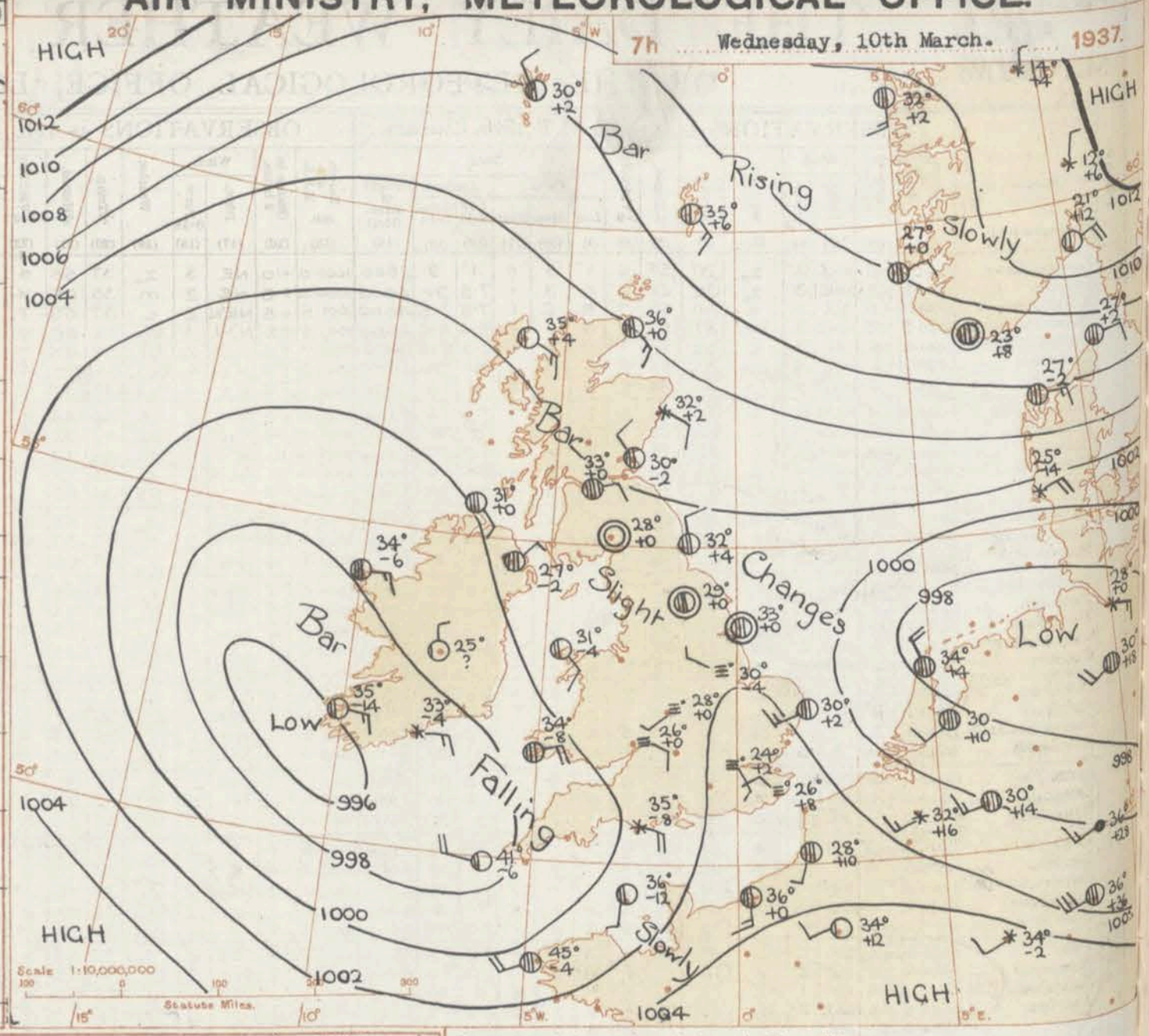
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 9th March 1937.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature (F) Min. 9h. 8th to 9h. 9th	Temperature (F) Max. 9h.—17h. 9th	Rainfall (mm) Night. 17h. 8th to 9h. 9th	Rainfall (mm) Day. 9h.—17h. 9th	Sunshine (Hrs) Sunrise to 17h. 9th	Sunshine (Hrs) Sunrise to Sunset. 8th
1	Tunbridge W.	oc	co	29	36	6	-	0·1	0·0
	Bournemouth	bbc	bbcc	31	42	-	-	4·5	0·0
	Ventnor ...	3oc	o	31	38	2	-	0·1	0·0
	Southsea ...	oc	cb	28	40	0·5	-	0·4	0·0
	Bognor Regis	oc	bcco	30	38	2	-	0·3	0·0
	Littlehampton	bcc	co	30	40	1	-	0·7	0·0
	Worthing ...	bcc	co	29	38	2	-	1·0	0·1
	Brighton ...	bc	bc	30	38	2	-	0·4	0·1
	Eastbourne† ...	coc	co	32	38	6	-	0·9	0·0
	Hastings† ...	oc	o	31	35	6	-	0·0	0·0
	Folkestone ...	ocm$_o$s	osh$_o$	31	35	10	0·5	0·3	0·0
	Dover ...	tisco	is$_o$o	32	35	16	0·5	0·3	0·0
	Deal	scs	isis	32	36	6	2	0·1	0·0
	Ramsgate ...	scs	cis	32	35	5	0·4	0·4	0·0
	Margate ...	cs	c	32	36	6	1	0·0	0·0
2	Southend ...	bcb	bo	32	38	0·5	-	2·5	0·0
	Maldon ...	bbcc	co	33	38	-	-	2·4	0·0
	Clacton-on-Sea	orsbc	bcers	32	37	0·3	Trace	3·6	0·0
	Dovercourt ...	bc	bciso	33	37	-	Trace	2·8	0·0
	Lowestoft ...	ocbcb	bccr$_o$	33	36	-	Trace	2·1	0·0
	Skegness ...	coss	s$_o$psc	34	37	Trace	1	0·0	4·6
	Mablethorpe...	co	ois$_o$c	34	39	-	0·3	0·3	6·4
	Cleethorpes ...	bcc	osc	34	40	-	1	0·3	4·0
3	Leamington S.	bc	cbcco	30	40	-	-	3·6	1·6
4	Cheltenham†	bcc	cs$_o$c	29	39	-	Trace	4·6	0·1
5	Bath	bbc	bcc	32	41	-	-	5·2	0·0
	Weymouth ...	cb	c	33	40	-	-	2·2	0·1
	Jersey ...	rc	pc	34	39	3	Trace	0·0	0·0
	Torquay ...	wbcy	bcby	33	42	-	-	5·2	0·0
	Penzance ...	cbc	bs$_o$bc	32	45	-	Trace	5·1	0·0
	St. Ives ...	c	c	34	42	-	-	3·1	-
	Bude... ...	b	bbc	26	39	-	-	8·6	0·6
	Ilfracombe ...	cbc	bbcb	33	41	-	-	8·4	0·0
6	Aberystwyth	cbc	bco	32	41	-	-	6·1	3·6
7	Llandudno ...	c	coid$_o$	31	39	0·2	Trace	0·0	0·3
	Colwyn Bay...	o	o	31	39	-	-	0·0	0·0
	Rhyl	cmmog	om$_o$	31	39	-	-	0·0	0·3
8	Wallasey ...	fo	oprsr	29	36	Trace	0·3	0·0	0·4
	Southport ...	scprs$_o$	Ssgis	30	36	0·2	4	0·0	0·4
	Blackpool ...	co	irsos	32	39	0·1	3	0·0	0·7
	Morecambe ...	bccbc	bchsc	32	40	-	0·3	2·0	1·0
9	Ilkley... ...	oso	cbcc	32	39	1	1	0·8	0·0
	Harrogate ...	os$_o$	cbc	31	36	0·1	0·3	0·6	0·5
10	Berwick-on-T.	oss	oc	29	35	3	5	0·0	4·6
11	Dunbar ...	bcx	bcph	27	39	-	Trace	2·6	5·3
12	Troon... ...	xbc	cocfc	31	41	-	-	0·9	9·1
	Douglas ...	cih$_o$x	bcz	33	39	Trace	Trace	0·3	4·5

† Max. Temp. for period 21h. yesterday to 17h. to-day: 11in. 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. 10th March, 1937.
1 S.E. England 2 E. England ...	Variable light winds; bright periods at first, cloudy with occasional snow later; local fog, night and morning; frost at night.
3 E. Midlands ... 4 W. Midlands ...	Variable light winds; bright periods, occasional snow showers; local fog, night and morning; cold, night frost.
5 S.W. England 6 South Wales ... 7 North Wales ...	Variable or easterly winds, light to moderate; bright and cloudy periods, occasional snow showers; visibility poor at times locally; rather cold, night frost.
8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland 17 N. W. Ireland 18 N. E. Ireland	As 3 - 4.
19 S. E. Ireland 20 S. W. Ireland	As 5 - 7.

GENERAL INFERENCE.

An extensive belt of low pressure extends from Germany across Southern England to the Atlantic. Weather will continue rather cold with further snow at times in all districts, falls of snow will be generally light except perhaps on high ground in the extreme South and Southwest.

FURTHER OUTLOOK.

No material change.

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.

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 10th March, 1937.
No. 27502

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	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	1002·2	+4	WN	1	m	51	85	4	5	-	-	10	10	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1002·2	+6	NW'N	5	c/s	31	85	6	5	-	-	10	10	4000
	Manston ...	142	1001·3	+6	NW	5	c	34	75	7	5	2	-	7·8	9+	800
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1001·5	+2	W	1	bc	34	75	7	8	-	-	4·6	4·6	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1001·0	-4	ENE	3	bc	38	92	7	4	-	-	2·3	2·3	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1000·5	-6	SE	2	bc	37	92	8	8	-	-	2·3	2·3	2500
	Scilly (St. Mary's)	163	999·4	-16	WNW	4	c/pr	39	85	7	3	-	-	7·8	7·8	2500
	Guernsey ..	175	1000·0	-4	-	0	rs	36	92	7	5	-	-	10	10	1500
6	Pembroke ...	142	1000·3	-6	SE'E	3	bc	36	85	7	5	-	-	2·3	2·3	2500
7	Holyhead ...	26	1001·4	-10	-	0	b	34	92	7	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1001·5	-2	-	0	c	33	97	7	5	1	-	4·6	7·8	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1002·2	-4	N	2	c/ps	33	85	5	-	2	-	10	10	800
11	Inchkeith ...	190	1003·5	-2	NE	3	c	34	97	8	5	2	-	2·3	9+	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1001·2	-6	E	2	b	37	85	9	-	2	-	0	1	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1003·1	-2	SE	3	bc	36	75	8	5	7	-	2·3	4·6	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1003·9	0	SE	2	c/ps	36	85	8	8	7	-	4·6	7·8	800
16	Lerwick ...	156	1006·9	+4	ESE	3	bc	36	75	8	8	7	-	4·6	4·6	1500
17	Blacksod Point	18	1000·8	-4	-	0	bc	36	85	8	2	-	-	4·6	4·6	2500
18	Malin Head ...	84	1001·4	-6	S	1	bc	31	97	7	5	-	-	4·6	4·6	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	998·5	-10	SE	3	c	35	92	7	5	-	-	7·8	7·8	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1002·4	+4	-	0	F	26	97	1	-	-	-	10	10	<150	5	*
Croydon ...	1002·1	+2	SSE	1	m	24	85	4	-	4	1	0	1	-	8	*
S. Farnborough	1002·1	-2	ESE	1	f	22	97	2	-	5	-	0	7·8	-	6	*
Boscombe Down	1001·5	-4	E	2	z	26	97	5	4-	7	1	0	4·6	-	4	*
Calshot (Sthmtn.)	1001·6	-10	E'N	3	z	30	95	6	-	4	6	0	7·8	-	3	2
Lympne ...	1003·3	+8	NW	2	m	26	92	4	5	-	-	Tr	Tr	4000	8	§1
Manston ...	1002·2	+6	NW	2	c	32	85	7	8	3	-	7·8	7·8	2500	4	*
Shoeburyness ...	1002·3	+2	W'S	1	bc	29	85	86	5	-	-	4·6	4·6	5700	3	*
Felixstowe ...	1002·0	+6	W	3	c/s	32	97	6	5	3	-	4·6	9	2500	4	2
Gorleston ...	1001·3	+2	WSW	3	c	30	85	6	5	4	-	4·6	9	2500	4	2
Mildenhall ...	1001·8	+2	SW	1	f	29	97	2	-	-	-	10	10	<150	8	*
Cranwell ...	1002·0	-4	WNW	1	m	30	92	4	5	-	3	7·8	7·8	800	3	*
Birmingham ...	1002·3	0	SW	1	m	28	92	4	-	-	-	0	0	-	1	*
Upper Heyford	1002·2	0	SE	1	F	24	97	1	-	-	-	10	10	<150	4	*
Ross-on-Wye	1001·7	0	ESE	2	f	26	97	2	-	-	-	10	10	<150	3	*
Portland Bill ...	999·3	-8	ESE	4	SS	35	92	6	5	-	-	10	10	1500	1	3
Plymouth ...	998·4	-16	NE	2	c/pr	35	97	6	9	3	-	9	9+	1500	6	2
The Lizard ...	997·5	-8	SSW	3	c	40	85	8	8	7	-	7·8	7·8	2500	1	2
Scilly (St. Mary's)	997·7	-6	W'N	4	jp	41	75	8	8	6	3	2·3	4·6	2500	1	2
Guernsey ..	1000·8	-12	SSW	1	bc	36	97	7	8	1	-	4·6	4·6	2500	1	2
Pembroke ...	997·5	-8	E	4	c	34	85	6	5	7	-	7·8	7·8	2500	1	2
Holyhead ...	1000·2	-4	SE	2	bc	31	92	7	-	-	4	0	2·3	-	3	1
Chester (Sealand)	1001·4	-2	ESE	2	F	29	92	1	-	-	-	10	10	<150	3	*
Manchester ...	1001·7	-2	SSE	1	f	31	97	3	5	-	-	10	10	1500	3	*
Spurn Head ...	1001·5	0	-	0	c	33	97	7	3	2	5	4·6	10	800	8	0
Catterick ...	1001·4	0	-	0	zo	29	97	5	5	2	-	9+	10	1500	7	*
Tynemouth ...	1001·8	+4	N	2	c/ps	32	92	5	-	2	-	9	9	800	8	2
Inchkeith ...	1002·5	-8	NE	2	c	33	97	8	8	-	-	9+	9+	4000	6	2
Leuchars ...	1002·4	-2	NW	2	jf	30	92	6	8	-	7	2·3	10	1500	7	*
Renfrew (Abbots I.)	1002·5	0	E	2	c/s	33	85	6	5	-	-	10	10	1500	4	*
Eskdalemuir ...	1001·6	0	-	0	c/ps	28	92	8	5	-	8	7·8	9+	1500	4	*
Point of Ayre ...	1000·5	-2	SE	3	c	33	92	8	4	-	-	10	10	1500	0	2
Tiree	1001·1	0	SSE	2	bc	32	85	8	5	4	-	2·3	2·3	4000	3	1
Stornoway ...	1002·4	+4	ESE	3	bc	35	85	8	7	7	-	2·3	4·6	2500	1	2
Dalwhinnie ...	*	0	E	1	c	18	85	87	5	-	-	10	10	2500	9	*
Aberdeen ...	1003·0	+2	SE'E	2	ps	32	97	6	9	-	-	10	10	800	8	1
Wick ...	1003·5	0	SE	3	c	36	92	8	8	7	8	4·6	7·8	1500	4	2
Lerwick ...	1007·5	+6	SE	3	bc	35	75	8	7	8	5	4·6	4·6	2500	4	*
Blacksod Point	998·7	-6	E	3	c	34	85	8	5	-	-	7·8	7·8	1500	0	3
Malin Head ...	1000·2	0	SE	1	c	31	97	7	8	-	-	7·8	7·8	2500	3	2
Aldergrove ...	1000·5	-2	NE	1	zo	27	97	6	5	7	-	4·6	10	2500	7	*
Birr Castle ...	999·0	*	N	1	b	25	92	7	-	4	-	0	1	-	3	*
Valentia Obsy. †	996·4	-14	E'S	3	bc	35	92 85	8	5	-	6	2·3	4·6	2500	1	2
Roches Point	998·5	-4	E	3	SS	33	97	4	6	-	-	10	10	450	7	3

PAST 24 HOURS.

Stations	Temperature Max. Day 7h–18h °F.	Temperature Min. Night 18h–7h °F	Min. on Grass °F.	Rainfall Day 7h–18h mm.	Rainfall Night 18h–7h mm.	Sunshine 9th Hrs. (36)
London (Kew)	39	26	16	-	Tr	5·4
Croydon ...	37	23	19	-	-	2·2
S. Farnborough	42	22	15	-	Tr.	7·6
Boscombe Down	39	24	17	-	-	7·0 4
Calshot (Sthmtn.)	42	28	23	-	-	0·2
Lympne ...	34	26	17	1	0·4	0·8
Manston ...	34	31	28	71	1	0·2
Shoeburyness ...	39	28	20	0·1	-	3·0
Felixstowe ...	38	31	28	Tr	0·1	2·4
Gorleston ...	37	28	27	0·1	0·2	1·2
Mildenhall ...	40	28	21	-	-	1·3
Cranwell ...	39	30	25	0·1	Tr.	11
Birmingham ...	37	27	17	Tr	-	1·5
Upper Heyford	38	23	19	0·3	Tr.	*
Ross-on-Wye	39	25	20	-	-	1·7
Portland Bill ...	39	32	*	-	0·1	*
Plymouth ...	41	31	29	-	4	6·9
The Lizard ...	43	36	*	-	1	*
Scilly (St. Mary's)	46	36	*	0·4	1	4·8
Guernsey ..	38	32	25	0·4	2	0·4
Pembroke ...	40	32	*	-	-	4·4
Holyhead ...	43	30	23	0·2	0·4	2·1
Chester (Sealand)	43	28	23	Tr	-	2·4
Manchester ...	36	30	25	Tr	Tr.	0·1
Spurn Head ...	40	32	*	1	0·1	0·2
Catterick ...	38	24	20	6	-	1·6
Tynemouth ...	36	31	28	6	3	1·3
Inchkeith ...	40	31	27	-	2	2·2
Leuchars ...	41	30	25	-	3	3·7
Renfrew (Abbots I.)	36	28	22	-	Tr.	0·0
Eskdalemuir ...	37	28	25	Tr	Tr	4·7
Point of Ayre ...	41	(33)	*	-	-	3·8
Tiree	44	28	21	-	-	6·9
Stornoway ...	40	34	*	-	-	7·3
Dalwhinnie ...	34	14	7	-	-	7·6
Aberdeen ...	39	29	23	Tr	3	4·4
Wick ...	41	33	*	Tr	1	*
Lerwick ...	40	32	*	-	Tr.	7·2
Blacksod Point	(43)	32	*	-	-	*
Malin Head ...	41	29	*	-	-	5·5
Aldergrove ...	37	26	21	0·5	2'	0·6
Birr Castle ...	41	24	14	-	-	1·3
Valentia Obsy. †	42	31	27	0·4	Tr.	3·6
Roches Point	41	33	*	Tr	4	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h)	Weather Afternoon (24 hrs. ended 9h)	Weather Night (24 hrs. ended 9h)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	czy	czy	cfFFx	39	26	16	-	Tr	5·4	*	*	1
Croydon	217	cmbncm	cz	cmbx	37	25	19	-	-	2·2	*	*	4
Greenwich (Royal Observatory)	149	c	cf	cfxm	38	24	15	-	Tr.	0·9	53	61	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	1·3	*	*	*
Westminster (St. James' Park)	27	*	*	*	40	27	23	-	-	1·6	47	91	*
Regents Pk. (Botanic Gardens)‡	168	*	*	*	39	27	19	-	-	1·2	77	99	*
Camden Square	110	c	c	*	40	28	20	-	-	*	*	98	*
Kensington	80	bcf	bcxf	*	39	27	20	-	-	1·8	At 18h. 58	91	*
Hampstead Observatory	480	bc	b	bcmx	36	26	17	-	-	2·4	*	97	*

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

South Kensington Max.	Time.	Min.	Time.
0·6	20-23h 9th	0·3	15-17h 9th.

Kew Observatory Max.	Time.	Min.	Time.
0·4	22h 9th	0·1	15h 9th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 9th March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 10th March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	999·3	NW	1	c	36	1022·2	N'E	5	b	34	37	34	1	0·1
Brussels	995·8	WNW	3	f	30	1001·2	WSW	3	SS	32	34	28	2	1
Berlin	1003·2	E	3	c	30	998·5	E'S	3	z	32	32	30	-	-
Zürich	999·1	WNW	2	c	46	1005·2	NW	6	ld	34	54	34	-	3
Rome	997·1	J	4	c	54	1000·7	WSW	8	c	54	*	*	4	0

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, 11th March, 1937.
No. 27503.

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	°F. Temp. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud Form Low (9)	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)	1001·3	-6	SE	3	zo	40	55	5	5	1	-	4-6	10	4000
	Croydon ...	1000·9	-10	ESE	3	zo	41	55	6	2	7	-	2-3	9+	5700
	S. Farnborough	1000·8	-10	SE	3	soso	36	85	4	5	-	-	10	10	1500
	Boscombe Down	1000·2	-10	NE'E	3	soso	32	97	5	6	2	-	9	10	800
	Calshot (Sthmtn.)	1000·0	-10	ESE	4	bc	40	92	7	8	8	1	2-3	4-6	1500
	Lympne ...	1002·8	-6	SSE	2	iso	39	65	7	5	7	1	4-6	9	4000
	Manston ...	1002·6	+2	S	3	bc	40	55	7	-	-	6	0	2-3	-
2	Shoeburyness ...	1002·3	-2	SE	2	c	40	55	7	-	7	-	0	9	-
	Felixstowe ...	1002·4	0	SE'S	3	bc	41	65	7	1	3	-	2-3	4-6	2500
	Gorleston ...	1002·3	+4	WSW	2	bc	39	65	6	2	-	-	4-6	4-6	2500
	Mildenhall ...	1002·0	0	~~WSW~~ SSW	2	bc	44	55	8	2	3	-	2-3	2-3	4000
	Cranwell ...	1002·2	+2	NW	1	m/f	32	92	4	5	-	-	10	10	450
3	Birmingham ...	1001·6	0	SE	3	bc	38	65	6	1	-	-	2-3	2-3	1500
	Upper Heyford	1001·3	-12	SE	3	zo	38	65	6	2	3	2	2-3	4-6	4000
4	Ross-on-Wye	1000·5	-4	E	3	zo	34	85	5	-	6	3	0	4-6	-
5	Portland Bill ...	998·6	-4	E	3	bc	43	85	7	4	-	-	4-6	4-6	2500
	Plymouth ...	998·1	-6	S	1	bc	46	65	8	8	4	5	2-3	4-6	2500
	The Lizard ...	996·8	-2	S'E	3	bc	50	65	8	8	-	-	4-6	4-6	2500
	Scilly (St. Mary's)	996·1	-12	S'W	3	c	49	65	8	2	7	4	4-6	7-8	2500
	Guernsey ...	999·7	-6	SW'W	3	bc	47	75	9	8	1	-	4-6	4-6	2500
6	Pembroke ...	997·6	-6	ESE	5	q	39	85	6	5	2	-	4-6	9+	4000
7	Holyhead ...	999·5	-4	E	1	c	40	55	7	1	-	6	Tr	7-8	2500
	Chester (Sealand)	1001·1	-2	SSE	1	m	34	75	4	5	-	-	10	10	800
8	Manchester ...	1001·2	-2	NW	1	m	36	85	4	5	-	-	4-6	4-6	4000
10	Spurn Head ...	1001·5	0	NW	2	c	38	85	7	5	7	-	4-6	7-8	2500
	Catterick ...	1001·6	-2	NE	1	zo	35	85	6	9	3	-	4-6	7-8	1500
	Tynemouth ...	1002·0	+4	SE	2	c/ps	38	75	8	9	3	-	4-6	7-8	800
11	Inchkeith ...	1003·7	+4	NE	2	c	36	97	8	8	6	-	4-6	7-8	4000
12	Leuchars ...	1003·6	+12	ESE	1	soso	33	92	5	-	-	-	10	10	<150
	Renfrew (Abbots I.)	1002·0	-2	E'N	2	zo	37	75	5	8	3	-	4-6	4-6	2500
	Eskdalemuir ...	1001·2	0	E	3	c	35	75	8	7	-	-	9+	9+	1500
	Point of Ayre ...	1000·7	+2	SSE	2	c	40	85	7	2	9	-	2-3	7-8	1500
13A	Tiree ...	1001·2	0	SE'E	3	bc	39	75	9	8	6	8	4-6	4-6	4000
13B	Stornoway ...	1002·9	+2	ESE	4	c	39	65	9	1	-	7	2-3	10	4000
15	Dalwhinnie ...	1003·4	0	E	1	c	37	75	7	5	-	-	10	10	4000
	Aberdeen ...	1004·7	+6	SE'E	4	jp	38	65	8	8	3	9	4-6	7-8	2500
	Wick ...	1004·8	+8	SSE	3	c	37	92	8	8	7	8	4-6	9+	1500
16	Lerwick ...	1008·1	+2	SE	3	c	38	75	8	7	-	8	4-6	7-8	1500
17	Blacksod Point	997·7	-14	E	3	bc	38	85	8	2	3	4	1	4-6	1500
18	Malin Head ...	999·7	-2	SE	3	bc	39	85	8	8	-	-	4-6	4-6	2500
	Aldergrove ...	1000·3	-2	ESE	1	zo	35	92	6	5	3	-	7-8	7-8	1500
19	Birr Castle ...	997·2	*	SE	2	c	42	55	7	5	7	-	2-3	9+	2500
20	Valentia Obsy.†	993·5	-20	E'S	3	bc	45	55	9	1	5	9	2-3	4-6	2500
	Roches Point	995·6	-12	ESE	4	bc	43	75	8	3	-	-	4-6	4-6	1500

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud Form Low (23)	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)	999·9	-8	SE	2	zo	37	85	5	5	-	-	10	10	800	1	*
Croydon	999·6	-6	SE	3	zo	36	92	5	4	-	-	4-6	4-6	2500	4	*
S. Farnborough	999·4	-4	E	1	zo	36	92	5	5	-	-	10	10	800	4	*
Boscombe Down	999·4	-2	NE'E	1	zo	34	97	5	5	-	-	7-8	7-8	1500	4	*
Calshot (Sthmtn.)	999·5	0	SSW	2	bc	42	85	8	8	4	5	1	2-3	2500	1	1
Lympne	1001·5	-6	S'E	1	c/rs	35	97	6	5	3	-	7-8	9	1500	4	§ 3
Manston	1001·4	-10	ESE	3	rs	36	85	5	5	-	-	10	10	800	4	*
Shoeburyness	1001·3	-6	ESE	3	c/rs	36	92	7	5	-	-	10	10	1500	1	*
Felixstowe	1001·9	-4	SSE	4	c	38	85	7	5	2	-	9	10	1500	1	3
Gorleston	1002·6	+4	E'S	2	c	36	85	6	7	4	-	4-6	7-8	2500	0	2
Mildenhall	1001·4	-6	SE'E	2	zo	38	65	6	5	3	-	7-8	7-8	4000	1	*
Cranwell	1001·8	0	~~NNE~~ E'N	2	zo	33	92	5	5	-	-	2-3	2-3	4000	1	*
Birmingham	1000·7	-2	~~SSW~~ ESE	2	zo	37	45	5	-	3	-	0	4-6	-	1	*
Upper Heyford	1000·6	-6	E	2	soso	33	97	4	5	-	-	10	10	2500	4	*
Ross-on-Wye	999·1	-8	E	2	zo	36	75	6	5	-	-	10	10	1500	1	*
Portland Bill	997·0	-8	ESE	3	c	42	85	8	4	4	-	4-6	7-8	2500	2	3
Plymouth	995·1	-22	ESE	3	c	43	85	8	8	7	8	1	10	2500	1	2
The Lizard	992·0	-24	SE'E	5	pro	45	75	8	8	2	-	4-6	10	1500	1	3
Scilly (St. Mary's)	988·5	-50	SE'S	6	iro	45	85	6	3	2	-	4-6	10	1500	1	4
Guernsey	997·8	-20	SSE	2	c	46	85	8	5	1	-	4-6	10	4000	1	2
Pembroke	994·1	-14	SE'E	6	q	39	97	6	5	7	-	7-8	9+	2500	1	3
Holyhead	998·1	-6	E	3	b	38	75	7	-	-	8	0	1	-	1	1
Chester (Sealand)	999·7	-8	NE	3	m	35	75	4	-	-	-	0	0	-	1	*
Manchester	1000·4	-2	N'E	3	cf	34	85	2	5	-	-	10	10	1500	1	*
Spurn Head	1001·5	0	SE	1	c	36	85	7	4	7	7	4-6	10	2500	0	1
Catterick	1001·7	+4	E'N	2	c	34	75	8	8	7	5	7-8	9+	2500	1	*
Tynemouth	1002·3	0	NE	2	bc	35	75	9	2	-	-	4-6	4-6	1500	4	2
Inchkeith	1003·6	0	E	2	c	39	92	8	8	-	-	4-6	4-6	4000	1	2
Leuchars	1003·8	+2	E	3	c	34	75	8	8	-	8	4-6	7-8	1500	4	*
Renfrew (Abbots I.)	1002·3	+4	E	3	zo	35	85	5	5	3	-	9+	9+	4000	3	*
Eskdalemuir	1001·9	+4	ENE	4	soso	31	92	7	6	-	-	9+	9+	800	4	*
Point of Ayre	999·9	-4	E'S	3	o	38	65	7	-	2	-	0	10	-	1	2
Tiree	1000·9	-2	E'S	3	c	38	65	9	5	6	-	4-6	9	2500	0	2
Stornoway	1003·5	+6	ESE	5	c	38	75	9	5	7	-	2-3	9+	4000	1	2
Dalwhinnie	1004·6	+4	E	3	c	29	85	7	3	5	-	4-6	7-8	2500	9	*
Aberdeen	1005·0	+2	E	3	psh	35	75	7	9	-	8	7-8	9+	1500	1	2
Wick	1005·5	+4	SSE	4	c	36	92	8	8	7	1	4-6	7-8	1500	1	2
Lerwick	1009·0	+8	ENE	3	bc	35	75	8	7	7	8	4-6	4-6	1500	1	
Blacksod Point	995·8	-18	E	3	bc	40	85	8	-	3	-	0	2-3	-	0	3
Malin Head	999·0	-4	ESE	3	c	38	92	8	8	9	9	4-6	7-8	4000	0	2
Aldergrove	999·0	-6	ENE	3	zo	35	92	5	4	3	6	2-3	9	1500	1	*
Birr Castle	994·2	*	ESE	2	c	38	65	7	5	7	-	2-3	9+	2500	1	*
Valentia Obsy.†	987·5	-38	ENE	5	c	41	55	8	5	2	-	Tr	10	2500	1	2
Roches Point	990·0	-38	E	5	c	42	75	8	6	2	-	7-8	10	1500	1	3

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)	ofxcy	crosom o	om o	cror r
Croydon	bcmczoy	czyroscm	bmx, cfmo	crorrRmo
S. Farnborough	bcfcmso	srosofmo	omfrorm o	oRRmoc
Boscombe Down	cssfsso	csosoc	cror o	cror or
Calshot (Sthmtn.)	cirosodrsm	bcb	bbc, cpr	cror orrm
Lympne	bzc	crsrr	cprcmo	cmororr
Manston	cbby	borsoroso	roromobcc	rororm o
Shoeburyness	bzcy	corsroc	cbcx	morrc
Felixstowe	cbcmo	bc, c	ciroc	crsrrrm
Gorleston	cbczo	bcc	cbcc	orrq
Mildenhall	ff bczoy	bccyc	czobcx	bccrrroro
Cranwell	ofFxm	omsosobc	bcbmox	bomsoso
Birmingham	bbc	bczo	bcco	oss
Upper Heyford	Fxcfbcm	bccsosom	csosors	crsRS
Ross-on-Wye	gc mbcm	bczczo	om o	rsrs
Portland Bill	cbc	bcc	orr	rrc
Plymouth	cpromobcv	bcvc	corrroro	orrcroro
The Lizard	cbc	bcpro	Rrpr	oprqc
Scilly (St. Mary's)	bcc	ciro	rrbcl	cproq
Guernsey	PHRc	bcc	coiroq	PHRq
Pembroke	cmoq	cmoqc	crsrs	qc
Holyhead	bxbc	bcyb	b, cmo	isomoc
Chester (Sealand)	Fxomz	cbz	bzx	bzczox
Manchester	offcbcm	cfpsmf	mFbcm	bcmcmo
Spurn Head	cbcc	c	bc	bccq
Catterick	cmcmo	mobcyc	cbcmobx	brcx
Tynemouth	cispso	cbc	bcpsobc	bcpsoq
Inchkeith	isoc	ciso	cpsbc	bcpsc
Leuchars	csssoso	cpsocbc	cpspsh	cpsops
Renfrew (Abbots I.)	cmopso	bcczo	mpsbcx	bcx
Eskdalemuir	cbcc	csoso	csobx	psobcx
Point of Ayre	opsc	co	obcbc	bcc
Tiree	xbc	bcc	cbc	bc
Stornoway	bcc	c	cbbc	bc
Dalwhinnie	c	cis	*	bcciso
Aberdeen	cvpsh	cpsh	bccpsh	cbcy
Wick	cpsc	cpsc	cpsbc	bcc
Lerwick	bc	cbc	bcm	c
Blacksod Point	bc	bc	cq	cq
Malin Head	bcc	c	c	c
Aldergrove	csobcmo	cbccmo	cmoc	c
Birr Castle	bccy	c	c	cososo
Valentia Obsy.†	bccbcy	bccy	cyrорoc	c
Roches Point	SSisbc	bcc	corr	cir

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.*

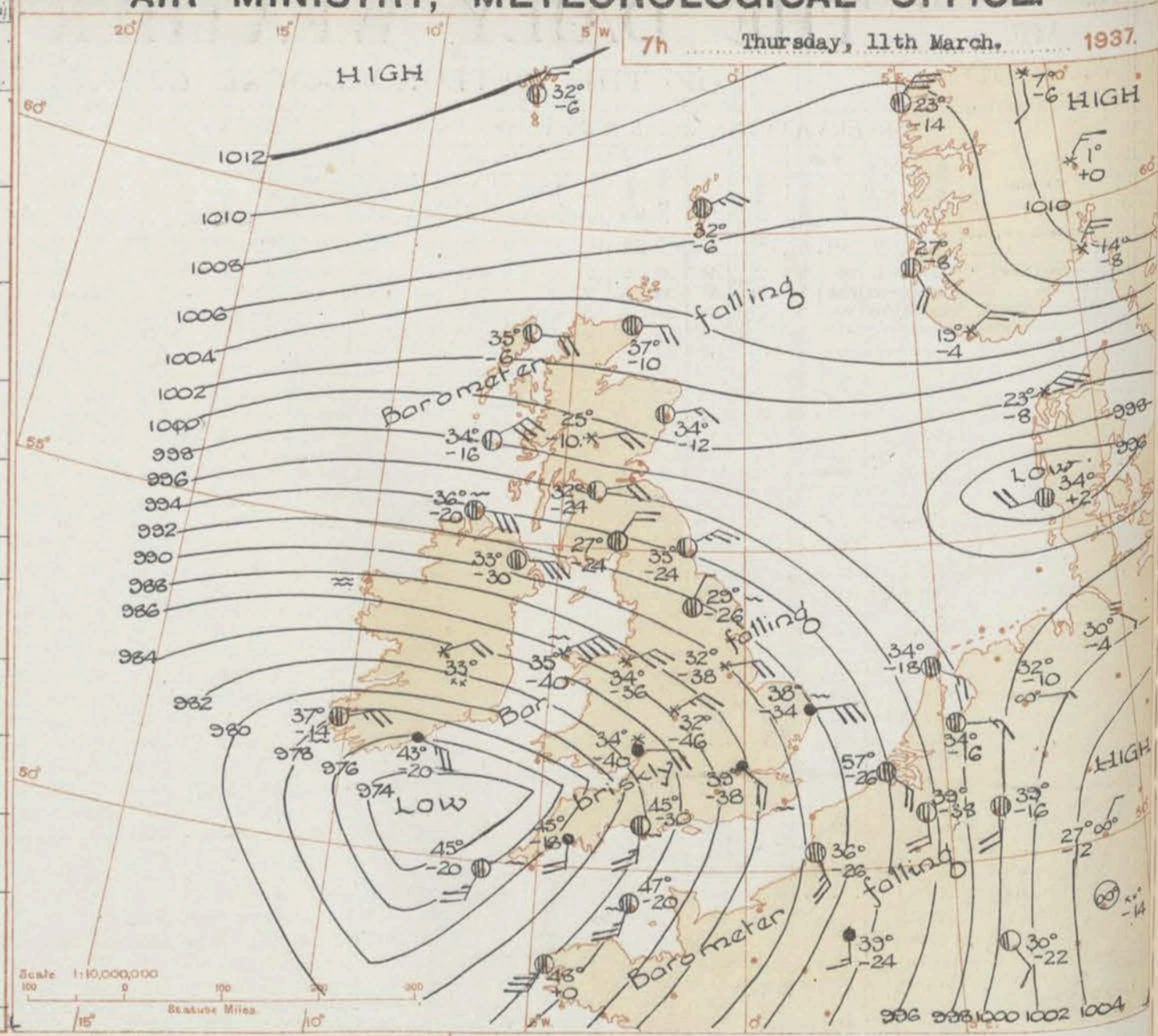
§ Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for March 10th 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.	bbc	bcoso	18	42	–	2	4·5	0·1
	Bournemouth	ssobc	b	31	45	3	6	4·8	4·5
	Ventnor ...	rorsb	b	31	47	–	5	3·6	0·1
	Southsea ...	cmor	orscb	28	43	–	4	3·5	0·6
	Bognor Regis	orrR	bcb	27	43	–	6	2·3	0·3
	Littlehampton	cor	rcpbc	26	43	0·3	5	2·0	0·7
	Worthing ...	c	chrbc	26	42	–	3	0·9	1·1
	Brighton ...	bcrc	rcb	26	42	–	1	1·0	0·4
	Eastbourne† ...	bcco	rsHhr	26	42	–	9	2·4	0·9
	Hastings† ...	bbcc	corsc	27	40	1	5	3·9	0·0
	Folkestone ...	bmbc	corsr	28	43	2	0·5	5·4	0·3
	Dover ...	ybbc	bcorsr	28	42	2	0·4	6·0	0·3
	Deal	b	bescr	29	42	–	Trace	6·7	0·1
	Ramsgate ...	bm	bmcrc	31	42	2	0·4	6·1	0·4
	Margate ...	bc	bccrs	33	43	3	1	6·5	0·0
2	Southend ...	bmb	bccor	29	45	Trace	0·3	5·5	2·5
	Maldon ...	bbc	bcco	28	42	–	–	5·1	2·4
	Clacton-on-Sea	bc	bcc	29	40	1	–	6·3	3·6
	Dovercourt ...	bv	bcv	30	43	0·4	–	6·6	2·8
	Lowestoft ...	cbcb	bbcc	28	42	0·1	–	6·7	2·1
	Skegness ...	ofb	bcpsm	29	38	2	0·2	4·1	0·0
	Mablethorpe...	cbc	bcc	30	40	2	–	5·2	0·3
	Cleethorpes ...	cbc	bc	30	38	6	–	3·6	0·3
3	Leamington S.	ocbc	bc	25	43	0·2	–	4·7	3·6
4	Cheltenham†	fobcc	bcc	21	40	3	–	4·6	4·6
5	Bath	cis	sc	25	39	–	Trace	0·1	5·2
	Weymouth ...	scb	b	26	41	11	–	6·2	2·2
	Jersey ...	pcbc	bcc	34	49	0·5	–	8·3	0·0
	Torquay ...	cbcm	pbc	29	44	5	Trace	5·2	5·2
	Penzance ...	bc	bc	33	50	5	–	6·5	5·3
	St. Ives ...	bc	bc	34	48	6	–	5·0	3·7
	Bude... ...	phsbc	bcc	27	46	1	–	7·3	8·6
	Ilfracombe ...	oso	cbbc	29	44	1	–	6·0	8·7
6	Aberystwyth	xzbc	bcz	28	42	–	–	9·1	6·1
7	Llandudno ...	xb	b	27	42	–	–	9·0	0·0
	Colwyn Bay...	bcbcb	bcbcb	28	42	–	–	9·2	0·0
	Rhyl	xmb	bz	25	42	–	–	7·1	0·0
8	Wallasey ...	cbc	bc	30	40	–	–	4·5	0·0
	Southport ...	ocbcb	bccoz	30	42	Trace	–	4·1	0·0
	Blackpool ...	afc	oc	30	38	0·1	–	2·0	0·0
	Morecambe ...	sc·bc	bbcc	32	39	13	Trace	2·3	2·0
9	Ilkley... ...	oc	cbc	25	37	–	–	1·3	0·8
	Harrogate ...	c	bcc	26	35	–	–	0·6	0·6
10	Berwick-on-T.	cops	hbcc	26	36	6	1	2·1	0·0
11	Dunbar ...	bcxs	bcps	26	37	3	4	4·0	2·6
12	Troon... ...	xbcbb	cbcbc	32	41	–	–	5·7	0·9
	Douglas ...	cisx	bcz	29	38	1	–	2·8	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.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 11th March, 1937.

Districts.	Forecast
1 S.E. England ▼	Southerly wind, veering, moderate to strong, stronger at times on coasts; rainy at first, bright periods later; rather cold.
2 E. England ... ▼	
3 E. Midlands ...	
4 W. Midlands ...	Southasterly winds, veering southwest, strong at times; rain, sleet or snow at first; bright periods later; rather cold.
5 S.W. England ▼	
6 South Wales ... ▼	Winds becoming southerly, strong at times; bright periods, wintry showers; rather cold.
7 North Wales ... ▼	
8 N.W. England ▼	Easterly winds, backing, moderate to strong; cloudy with snow or sleet at first, bright periods later with local wintry showers; rather cold.
9 N. Midlands ...	
10 N.E. England ▼	
11 S.E. Scotland	As 2 - 4.
12 S.W. Scotland & Isle of Man. ▲▼	Easterly winds, backing north, moderate to strong, stronger at times on coasts; bright periods, wintry showers; rather cold.
13 A. W. Scotld. B.N.W.Scotland. ▲	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkney and Shetland	
17 N. W. Ireland ▲	
18 N. E. Ireland ▲	
19 S. E. Ireland ▼	
20 S. W. Ireland ▲	

GENERAL INFERENCE.

A deepening depression over the Bristol Channel is moving northeast. In the South and Southwest there will be bright periods after a rainy and milder period. In the North weather will continue rather cold with snow or sleet; heavy locally.

FURTHER OUTLOOK.

Bright intervals, wintry showers.

Times of issue of Gale Warnings.

▼ South cone hoisted at 1925 on 10th in districts 1(part of) 5,6, and 19; at 23.15 on 10th in 7,8 and 12 (part of); at 0825 on 11th 1 (part of) 2 and 10.
▲ North cone hoisted at 0150 on 11th in 12 (part of) 17,18 and 20; at 0825 on 11th in 13.

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

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

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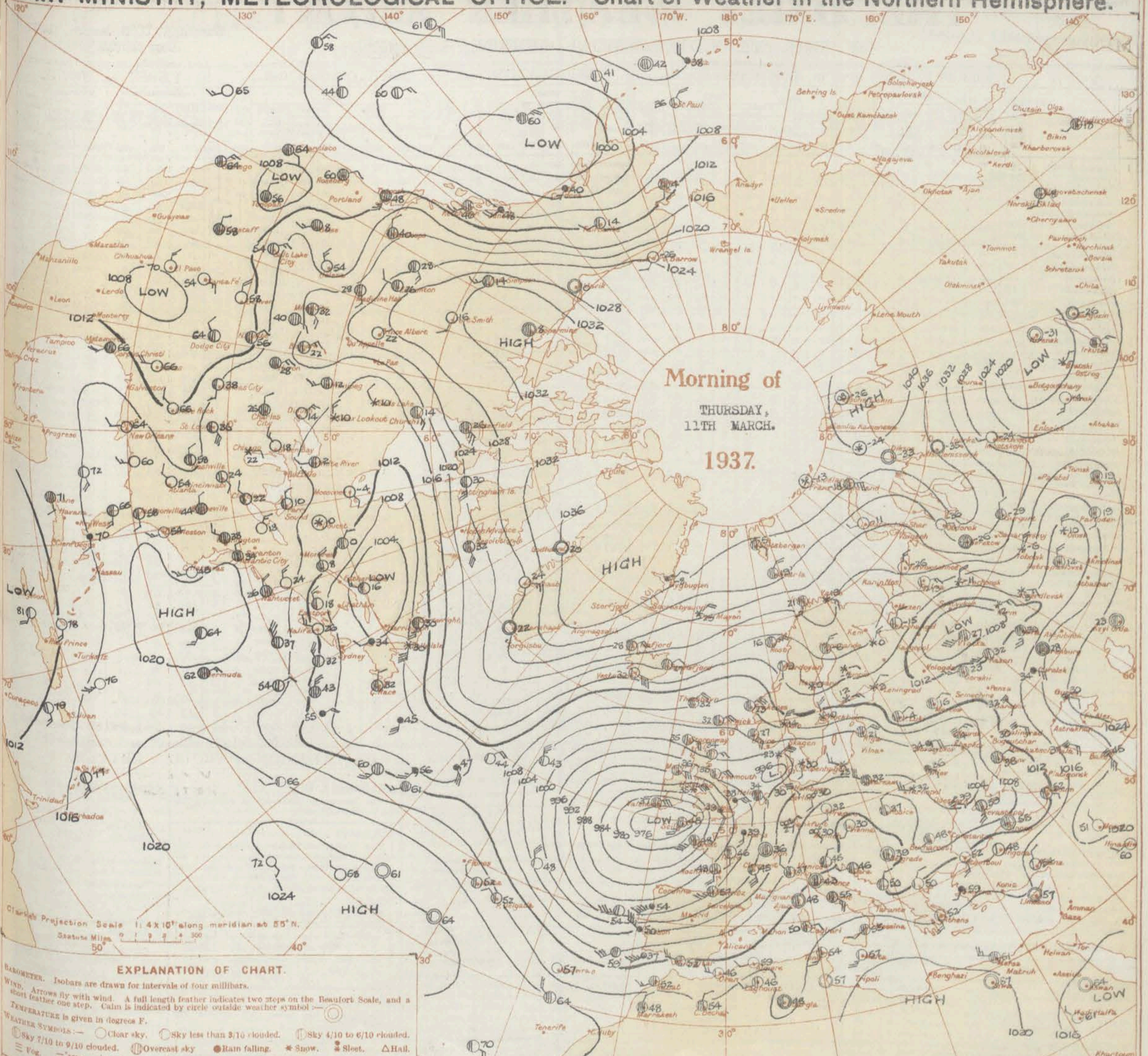
D.Sc., F.R.S.
Director.

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 11th March, 1937.
No. 27503.

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

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	996.4	-24	E	2	ir	35	85	6	5	2	-	7-8	10	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	998.1	-24	SSE	3	z_0	40	92	6	9	7	-	7-8	10	800
	Manston ...	142	998.5	-18	ESE	5	c	40	85	7	5	-	-	9	9	2500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1000.5	-12	ENE	3	c	37	85	7	8	-	-	7-8	7-8	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	980.1	-24	SE	5	rr	42	92	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	983.0	-10	SSE	4	pr_0	45	92	8	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	980.6	-26	S'E	4	c	45	85	8	5	-	-	9	9	1500
	Guernsey ..	175	989.1	-48	SSE	6	c/r	45	85	8	5	-	-	10	10	2500
6	Pembroke ...	142	985.0	-40	E'S	8	rs	35	97	6	5	-	-	10	10	2500
7	Holyhead ...	26	992.5	-30	E'N	7	c	35	92	6	-	2	-	0	10	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1000.2	-6	E'S	3	bc	35	75	8	-	4	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1001.0	-8	ENE	3	bc	34	75	8	9	-	-	4-6	4-6	800
11	Inchkeith ...	190	1003.0	-10	SE	3	bc	32	97	8	5	-	-	4-6	4-6	4000
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	997.9	-14	SE'E	5	bc	35	85	7	-	2	-	0	2-3	-
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1005.0	+6	E	6	bc	35	75	8	5	7	-	2-3	4-6	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1005.9	-4	E	4	bc	37	75	8	8	6	-	2-3	4-6	1500
16	Lerwick ...	156	1008.1	-6	ENE	4	is	33	85	4	6	-	-	10	10	450
17	Blacksod Point	18	992.1	-30	NE	7	q	38	85	7	9	-	-	9	9	800
18	Malin Head ...	84	997.4	-8	E	4	c	37	85	7	8	-	-	9	9	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	979.4	-20	NE	6	o	38	97	7	5	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	988.0	-34	SE	4	rr	39	92	6	6	2	-	7-8	10	800	1	*
Croydon	987.9	-38	SE	4	rr	39	92	6	6	2	-	7-8	10	1500	1	*
S. Farnborough	986.4	-38	SE	4	rr	40	92	6	6	2	-	9	10	800	4	*
Boscombe Down	984.5	-38	SE	5	rr	41	97	5	6	2	-	9+	10	450	1	*
Calshot (Sthmtn.)	985.4	-38	SE'E	5	c/r	44	92	7	5	7	-	9	10	800	1	§4
Lympne	990.7	-34	SE	5	rr	39	92	6	6	-	-	10	10	800	4	4
Manston	990.7	-36	SE'S	4	rr	39	92	6	6	2	-	9+	10	800	1	*
Shoeburyness	990.5	-40	ESE	4	rr	39	92	6	6	2	-	9	10	800	1	*
Felixstowe	992.3	+34	E'S	4	rr	41	92	5	6	2	-	7-8	10	800	1	3
Gorleston	994.3	-34	E'N	6	rr	38	92	6	6	-	-	10	10	1500	1	4
Mildenhall	991.4	-38	E	5	r_0r_0	37	97	6	6	-	-	10	10	800	1	*
Cranwell	993.5	-38	E'N	4	s_0s_0	32	97	4	6	-	-	10	10	450	8	*
Birmingham	987.4	-46	ENE	5	ss	32	97	4	6	-	-	10	10	450	7	*
Upper Heyford	986.8	-40	E	3	rs	35	97	6	6	2	-	9	10	800	4	*
Ross-on-Wye	983.8	-40	E	4	rs	34	97	5	6	-	-	10	10	1500	6	*
Portland Bill	982.2	-30	S	5	c	45	92	7	4	-	-	7-8	7-8	2500	2	5
Plymouth	978.9	-18	S	4	r_0r_0	45	85	7	6	2	-	9	10	800	1	2
The Lizard	977.0	-12	S	6	c	47	85	8	8	-	-	7-8	7-8	1500	1	4
Scilly (St. Mary's)	974.7	-20	SSW	5	c/pr	45	92	7	8	7	-	4-6	7-8	1500	1	3
Guernsey	984.0	-20	S'W	5	c/pr	47	92	7	8	-	-	7-8	7-8	2500	2	4
Pembroke	978.1	-12	E'S	7	r_0r_0	38	97	6	5	-	-	10	10	2500	1	4
Holyhead	984.2	-40	ENE	8	is_0	35	92	6	6	2	-	7-8	10	1500	1	5
Chester (Sealand)	988.9	-36	ENE	6	is_0	34	65	6	-	2	-	10	10	4000	3	*
Manchester	990.4	-34	ENE	6	z_0	34	85	6	5	2	-	1	10	1500	3	*
Spurn Head	993.6	-32	E'S	6	q	36	75	8	5	2	-	4-6	10	2500	0	5
Catterick	995.4	-26	NE'N	1	c	29	85	9	8	4	6	7-8	9+	2500	3	*
Tynemouth	997.2	-24	ENE	5	jp	35	75	8	9	-	-	4-6	4-6	800	8	3
Inchkeith	999.6	-4	E	5	c	33	85	8	5	-	-	7-8	7-8	2500	8	3
Leuchars	1000.2	-18	E	3	bc	34	85	8	8	-	1	4-6	4-6	1500	7	*
Renfrew (Abbots I.)	997.8	-24	E'N	4	bc	32	85	7	8	-	2	4-6	4-6	1500	3	*
Eskdalemuir	986.7	-24	NE	4	z	27	92	8	5	3	1	4-6	7-8	1500	4	*
Point of Ayre	991.5	-40	E'S	5	c	35	75	8	-	9	-	0	9	-	1	3
Tiree	987.8	-16	ENE	6	bc	34	75	8	5	6	-	2-3	4-6	2500	0	3
Stornoway	1003.4	-6	E	4	bc	35	92	9	5	4	3	2-3	4-6	2500	1	3
Dalwhinnie	*	-10	ENE	4	is_0	25	85	7	3	6	-	4-6	7-8	2500	9	*
Aberdeen	1001.8	-12	E'N	3	bc	34	75	8	8	-	1	4-6	4-6	2500	4	2
Wick	1003.1	-10	E	4	c	37	75	8	8	1	-	4-6	7-8	1500	1	2
Lerwick	1006.8	-6	ENE	5	c	32	85	8	8	2	-	7-8	9+	1500	8	*
Blacksod Point	989.4	-12	NE	8	q	37	85	7	9	-	-	10	10	800	0	6
Malin Head	993.8	-20	E	6	c	36	85	8	8	-	-	7-8	7-8	2500	0	4
Aldergrove	990.7	-30	E'N	6	c	33	75	8	5	7	-	1	9+	1500	1	*
Birr Castle	982.9	*	ENE	4	s_0s_0	33	97	7	-	2	-	10	10	5700	7	*
Valentia Obsy. †	976.7	-14	ENE	5	c	37	85	7	6	2	-	7-8	10	1500	1	3
Roches Point	976.1	-20	E'S	5	ir	43	92	7	6	2	-	7-8	9+	800	1	4

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)	40	36	32	0.5	8	0.7
Croydon	42	31	28	0.1	9	3.9
S. Farnborough	37	34	31	1	12	0.3
Boscombe Down	34	33	31	2	12	0.0
Calshot (Sthmtn.)	46	39	37	3	6	5.0
Lympne	40	34	30	3	5	3.9
Manston	41	34	30	1	3	6.3
Shoeburyness	41	32	27	0.2	3	5.1
Felixstowe	42	36	31	–	2	6.7
Gorleston	42	35	34	–	2	6.6
Mildenhall	46	32	28	Tr.	3	6.2
Cranwell	36	27	20	Tr.	0.1	1.2
Birmingham	40	31	28	–	7	8.0
Upper Heyford	39	32	32	0.2	9	*
Ross-on-Wye	39	33	32	–	14	3.8
Portland Bill	44	41	*	?	9	*
Plymouth	49	42	40	1	14	6.8
The Lizard	50	43	*	0.1	10	*
Scilly (St. Mary's)	50	42	*	0.4	10	4.2
Guernsey	49	43	39	4	4	6.4
Pembroke	41	29	*	–	9	0.4
Holyhead	43	33	30	–	Tr	9.0
Chester (Sealand)	38	31	26	–	(Tr)	2.1
Manchester	40	32	27	0.6	–	1.6
Spurn Head	40	31	*	–	–	5.7
Catterick	39	26	18	–	–	2.7
Tynemouth	44	33	30	2	0.2	4.7
Inchkeith	39	30	26	2	0.6	2.6
Leuchars	38	31	25	2	3	2.8
Renfrew (Abbots I.)	39	30	26	Tr.	Tr	0.4
Eskdalemuir	36	25	23	Tr.	Tr	0.5
Point of Ayre	41	35	*	0.4	–	3.3
Tiree	41	32	31	–	–	8.1
Stornoway	40	33	*	–	–	6.1
Dalwhinnie	38	23	19	0.2	Tr	3.9
Aberdeen	38	31	30	1	1	2.1
Wick	38	34	*	0.6	0.2	*
Lerwick	39	31	*	–	1	5.7
Blacksod Point	41	30	*	–	–	*
Malin Head	40	35	*	–	–	6.8
Aldergrove	39	32	31	Tr.	–	1.3
Birr Castle	43	33	32	–	1	7.1
Valentia Obsy. †	45	36	34	–	2	4.4
Roches Point	44	38	*	3	15	*

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.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	ofxcy	$cr_0s_0om_0$	omcr₀r	40	36	32	0.5	8	0.7	*	*	5
Croydon	217	bcmczy	czyrscm	dmcrrR	42	31	26	0.1	9	3.9	*	*	6
Greenwich (Royal Observatory)	149	bc	cr_0s_0c	cbcrr	43	33	29	Tr	8	3.6	80	96	5
City (Bunhill Row)	—		*	*	*	*	*	*	*	1.1	*	*	*
Westminster (St. James' Park)	27	*	*	*	40	37	33		8	1.1	80	94	*
Regents Pk. (Botanic Gardens)‡	168	*	*	*	40	31	28	0.6	10	0.4	95	96	*
Camden Square	110	×b∫bc	ccrsc	*	40	36	35	0.5	10	*	*	93	*
Kensington	80	bcm	bc	*	40	36	32	0.6	9	1.5	At 18h. 85	93	*
Hampstead Observatory	450	bcm	os	omr	38	33	29	0.6	11	0.3	*	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	19-23h 10th	0.3	5-7h 11th

Kew Observatory. Max.	Time.	Min.	Time.
0.7	10h 10th	<0.1	6h 11th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 10th March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 11th March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1003.9	SSW	2	bc	43	994.6	S	3	r_0r_0	39	*	39	*	0.4
Brussels	1003.5	SSE	1	c/r	37	995.5	S'E	4	c	39	*	34	0.5	0.1
Berlin	1003.7	W	4	s_0s_0	32	1005.8	S	2	z_0	30	*	25	3	0.1
Zurich	1009.6	S	2	c	39	1007.6	ESE	1	z_0	28	*	*	0.2	–
Rome	1006.2	W	6	c	55	1014.5	SE	5	c	55	*	*	—	–

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 "
2 Fog	550 "
3 Moderate fog	1,100 "
4 Mist or haze	1¼ miles.
5 Poor visibility	2½ "
6 Moderate "	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

Friday, 12th March, 1937.
No. 27504.

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	°F. Temp. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud Form Low (9)	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)	984.6	-6	S	4	zo	51	75	6	8	1	-	7.8	9+	1500
	Croydon	984.9	-2	S'W	4	pro	49	85	6	9	-	-	9+	9+	1500
	S. Farnborough	984.0	-2	S	4	c/pr	50	75	7	8	-	-	9+	9+	2500
	Boscombe Down	982.3	+6	S'W	5	c	50	75	7	5	2	6	4.6	9+	1500
	Calshot (Sthmtn.)	984.2	-2	S	5	c	49	75	7	8	-	6	4.6	9+	2500
	Lympne	987.5	-10	S'E	4	c	48	85	7	8	6	5	7.8	9	1500
	Manston	987.1	-10	S	5	c	47	85	7	5	7	9	2.3	7.8	1500
2	Shoeburyness	986.6	-8	S	4	c/pr	46	85	7	8	6	-	7.8	9	2500
	Felixstowe	987.4	-20	SE'S	4	bc	45	85	7	5	-	8	2.3	4.6	2500
	Gorleston	988.4	-28	SE'E	4	roro	38	97	6	6	-	-	10	10	1500
	Mildenhall	985.7	-26	SE	4	zo	43	92	6	5	-	-	9+	9+	800
	Cranwell	987.8	-22	ENE	4	soso	33	97	5	-	2	-	10	10	800
3	Birmingham	984.5	-14	E	3	sf	33	97	2	6	-	-	10	10	450
	Upper Heyford	982.8	-14	SSE	3	zo	49	85	6	8	-	6	4.6	9	1500
4	Ross-on-Wye	981.2	-10	E	3	c/pr	41	97	5	9	-	3	9+	9+	2500
5	Portland Bill	981.7	0	S	5	c	48	92	7	4	-	-	10	10	2500
	Plymouth	978.9	+6	SSW	6	c/pr	50	75	8	9	3	8	4.6	7.8	1500
	The Lizard	976.7	+16	SW	6	bc	50	75	8	8	-	-	4.6	4.6	1500
	Scilly (St.Mary's)	974.9	0	SW'S	6	pro	50	75	7	8	7	-	4.6	7.8	1500
	Guernsey	983.2	-2	SW'S	3	r	50	85	7	8	-	-	10	10	1500
6	Pembroke	974.3	-16	SSW	6	q	47	85	7	5	-	-	9	9	2500
7	Holyhead	980.1	-18	ENE	8	rs	35	97	5	6	2	-	4.6	10	1500
	Chester (Sealand)	984.7	-14	E'N	5	soso	35	85	5	-	2	-	10	10	450
8	Manchester	985.4	-18	ENE	7	zo	35	75	6	5	2	-	4.6	10	1500
10	Spurn Head	988.7	-28	E'N	7	s	35	97	5	5	-	-	10	10	450
	Catterick	992.1	-16	E'N	4	o/iso	32	85	6	5	2	-	4.6	10	1500
	Tynemouth	993.2	-18	E	6	c/ps	35	75	8	6	-	-	10	10	800
11	Inchkeith	996.0	-14	NE	6	c	36	92	8	8	-	-	7.8	7.8	2500
	Leuchars	997.3	-10	ENE	5	c	38	85	8	8	-	-	9+	9+	1500
12	Renfrew (Abbots I.)	994.8	-10	E'N	6	c/ps	37	55	7	2	3	9	7.8	9+	2500
	Eskdalemuir	993.3	-22	ENE	5	soso	30	92	6	6	2	-	7.8	10	800
	Point of Ayre	987.9	-20	E'S	6	ss	34	97	5	5	-	-	10	10	450
13A	Tiree	994.9	-16	NE'E	6	c	38	55	9	8	1	-	7.8	9	2500
13B	Stornoway	1001.2	-8	E	6	bc	37	65	8	8	7	-	4.6	4.6	2500
15	Dalwhinnie	998.0	-20	E	4	bc	32	75	7	4	5	1	2.3	4.6	4000
	Aberdeen	999.8	-6	E	4	c	35	65	8	4	-	-	7.8	7.8	2500
	Wick	1001.8	-4	ENE	6	c	35	75	8	8	2	-	4.6	9	1500
16	Lerwick	1005.1	-16	NE	5	pso	34	65	5	-	-	-	10	10	<150
17	Blacksod Point	987.7	-12	NE	8	soso	36	92	7	6	-	-	10	10	450
18	Malin Head	990.6	-16	E	6	c	37	85	7	8	-	-	9	9	2500
	Aldergrove	987.4	-18	ENE	7	soso	35	75	7	5	2	-	9	10	800
19	Birr Castle	980.0	x	ENE	3	soso	33	97	7	-	2	-	10	10	5700
20	Valentia Obsy. †	976.3	-6	NE'E	6	c	39	75	8	8	-	1	7.8	7.8	1500
	Roches Point	973.8	-14	E'N	5	iro	39	92	8	6	2	-	7.8	9+	1500

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud Form Low (23)	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)	982.9	-8	SE'S	2	zo	47	85	5	5	7	-	9	10	1500	1	*
Croydon	982.8	-10	SE'S	4	rr	45	92	5	6	2	-	7.8	10	1500	1	*
S. Farnborough	982.8	-4	S'E	3	ir	45	85	6	6	-	-	10	10	1500	2	*
Boscombe Down	981.3	-10	S'E	4	c	45	85	7	8	1	-	2.3	9+	1500	1	
Calshot (Sthmtn.)	982.9	-8	ESE	2	c/r	45	85	7	8	7	-	7.8	9+	2500	1	§1
Lympne	984.4	-24	SE	4	rr	45	92	5	6	-	-	10	10	<150	1	4 *
Manston	984.4	-20	SE'E	3	roro	45	92	6	6	-	-	10	10	800	1	
Shoeburyness	984.7	-12	SE	3	rr	43	97	6	6	2	-	7.8	10	800	1	*
Felixstowe	985.5	-8	SE	3	rr	43	97	5	6	2	-	4.6	10	2500	1	3
Gorleston	986.0	-8	SE'E	3	c	42	92	6	6	2	-	2.3	10	2500	1	3 *
Mildenhall	984.0	-6	SE	4	roro	46	92	6	6	7	-	7.8	10	1500	1	*
Cranwell	984.2	-18	NE'E	3	f	35	97	2	-	-	-	10	10	<150	7	
Birmingham	982.4	-6	NE	2	rf	34	97	2	6	-	-	10	10	450	7	*
Upper Heyford	981.9	-2	SE'S	3	c	46	85	7	8	7	8	2.3	9+	2500	1	*
Ross-on-Wye	980.1	-10	SSE	2	c	46	85	6	3	1	3	4.6	9+	2500	1	*
Portland Bill	981.2	-4	WSW	4	c	46	85	7	4	-	-	9	9	2500	2	5
Plymouth	979.4	+6	SSW	5	pro	46	75	8	9	4	-	7.8	9	1500	1	3
The Lizard	978.5	+4	SSW	6	c	45	85	7	8	2	-	4.6	9	1500	1	4
Scilly (St.Mary's)	975.2	-2	SW	7	q	47	75	7	8	7	3	7.8	9	1500	1	4
Guernsey	983.6	+8	SW'W	4	c	46	75	8	7	3	-	4.6	7.8	2500	2	3
Pembroke	974.4	-2	S'W	6	q	46	85	7	8	6	1	2.3	4.6	2500	1	3
Holyhead	978.0	-8	ENE	7	c/ps	37	92	7	9	1	-	4.6	9+	1500	1	4 *
Chester (Sealand)	982.1	-12	ENE	5	rs	35	85	4	-	2	-	10	10	1500	4	*
Manchester	983.0	-10	NE'E	5	sh	35	85	6	5	7	-	7.8	10	2500	1	
Spurn Head	988.9	-14	E	6	jr	38	97	5	5	-	-	10	10	800	1	5 *
Catterick	988.7	-18	NE'E	3	soso	31	97	5	-	2	-	10	10	800	4	
Tynemouth	990.7	-24	E	8	c/ps	34	85	6	6	-	-	10	10	800	4	4
Inchkeith	993.3	-10	NE	6	c	34	85	8	8	-	-	10	10	2500	6	4 *
Leuchars	994.5	-12	ENE	5	psh	34	97	8	8	2	-	9+	10	2500	4	*
Renfrew (Abbots I.)	~~988.7~~ 992.7	~~-20~~ -6	ENE	6	cso	34	~~92~~ 85	7	5	7	-	6	10	~~800~~ 1500	4	*
Eskdalemuir	990.1	-12	NE'E	6	ks	28	97	4	-	2	-	10	10	450	8	*
Point of Ayre	985.1	-20	E	6	o	34	92	7	6	-	-	10	10	800	1	4
Tiree	992.9	-8	NE'E	6	c	37	65	9	5	1	6	2.3	9	2500	0	4
Stornoway	999.6	-4	ENE	6	bc	34	97	8	1	-	5	2.3	4.6	4000	1	3 *
Dalwhinnie	995.4	-6	NE	4	is	27	85	7	8	-	-	10	10	2500	9	
Aberdeen	997.0	-14	NE	4	jp	33	85	7	9	3	6	7.8	9	1500	1	3
Wick	999.7	-8	ENE	6	c	34	97	8	8	6	-	4.6	7.8	1500	4	3 *
Lerwick	1002.1	-10	ENE	5	c	30	75	8	8	7	-	7.8	9	800	8	
Blacksod Point	986.4	-10	NE	8	is	35	97	6	6	-	-	10	10	450	1	7
Malin Head	988.6	-12	E	6	c	37	92	7	8	-	-	9	9	2500	0	4 *
Aldergrove	985.1	-6	ENE	7	sf	31	97	2	-	-	-	10	10	<150	7	
Birr Castle	976.5	x	ENE	3	ss	33	97	7	-	2	-	10	10	5700	7	*
Valentia Obsy. †	975.1	-8	NE'N	6	c/pr	37	85	8	5	-	-	9+	9+	1500	1	3
Roches Point	971.6	-10	N	4	iro	39	92	6	6	2	-	7.8	10	1500	1	4

PAST 24 HOURS. WEATHER.

Stations	7h.—13h. 11th (37)	13h.—18h. 11th (38)	18h. 11th to 1h. 12th (39)	1h.—7h. 12th (40)
London (Kew)	crrc	crrcprc	crrbcmo	bc
Croydon	rRpro	cprroro	rrRroro,b	bbc
S. Farnborough	corrdc	prq rmo	romocb	bbwbc
Boscombe Down	rrroprc	c	ccprc	c
Calshot (Sthmtn.)	crrmoc	cprro	cpbcbbcp	bcbc
Lympne	rrcbc	crorrmo	crrRrobm	bm bcw
Manston	~~cbc~~ omorrbc	orrroromo	orrorrmb	bbcc
Shoeburyness	rrrorope	prorrc	rrmobc	bc
Felixstowe	crrmo	cirorr	cRRrrcm	crororc
Gorleston	orrq	oroo	orrbc	bc
Mildenhall	rrRrssc	czocroro	crrRRr	cror b
Cranwell	omsosofmo	sorsosfsr	fofrororr	cmbcmoc
Birmingham	osef	otirRf	orofc	cbcc
Upper Heyford	crsssrr	hocmoc	cprcbc	bcc
Ross-on-Wye	rsorocp	ptlrcplt	cpobccp	opocc
Portland Bill	cprc	c	cphrc	bcc
Plymouth	crorooprh	cjpbcc	cprprctlrh	cprorroro
The Lizard	cprbc	cproq	pRtq	cprqc
Scilly (St.Mary's)	cpq	cphrq	phrqP	cpsc
Guernsey	bqccr	cPR	cprbc	bbcc
Pembroke	ciRmprqc	cbccqpr	cqlir	ciroc
Holyhead	sosomc	rosoSmo	bcrorc	iromoo
Chester (Sealand)	sosoSSfrs	csmoshoroso	crsroro	coffrr
Manchester	cissscmx	cisosh	cshrrmo	~~cmof~~ cirom of
Spurn Head	srsq	ssrsr	orr	dcq
Catterick	cxisomo	mososom	omososo	omss
Tynemouth	bccpso	opsoq	oitsq	orr
Inchkeith	c	cpso	cpso	cpsss
Leuchars	cbcc	ccpsh	cpshcq	cqpshc
Renfrew (Abbots I.)	xcpsq	~~sso~~ psois	ciso	ciso
Eskdalemuir	bccsoso	ososobs	sosks	sosoks
Point of Ayre	coss	sso	ossrs	rs
Tiree	bcc	c	c	c
Stornoway	bc	bc	bcps	bccpho
Dalwhinnie	cissobc	bcciso		bccis
Aberdeen	bcpsoh	cpsohs	cpsho	cpsh
Wick	cPSc	c	cpsc	c
Lerwick	cps	cps	cps	cps
Blacksod Point	soq	isq	isq	irsq
Malin Head	c	c	c	cps
Aldergrove	ccso	csosf	osfsf	osss
Birr Castle	ososo	oss	oss	ossir
Valentia Obsy. †	cproc	cproc	prorosoc	ciro
Roches Point	irciro	irsiro	circ	circ

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.*

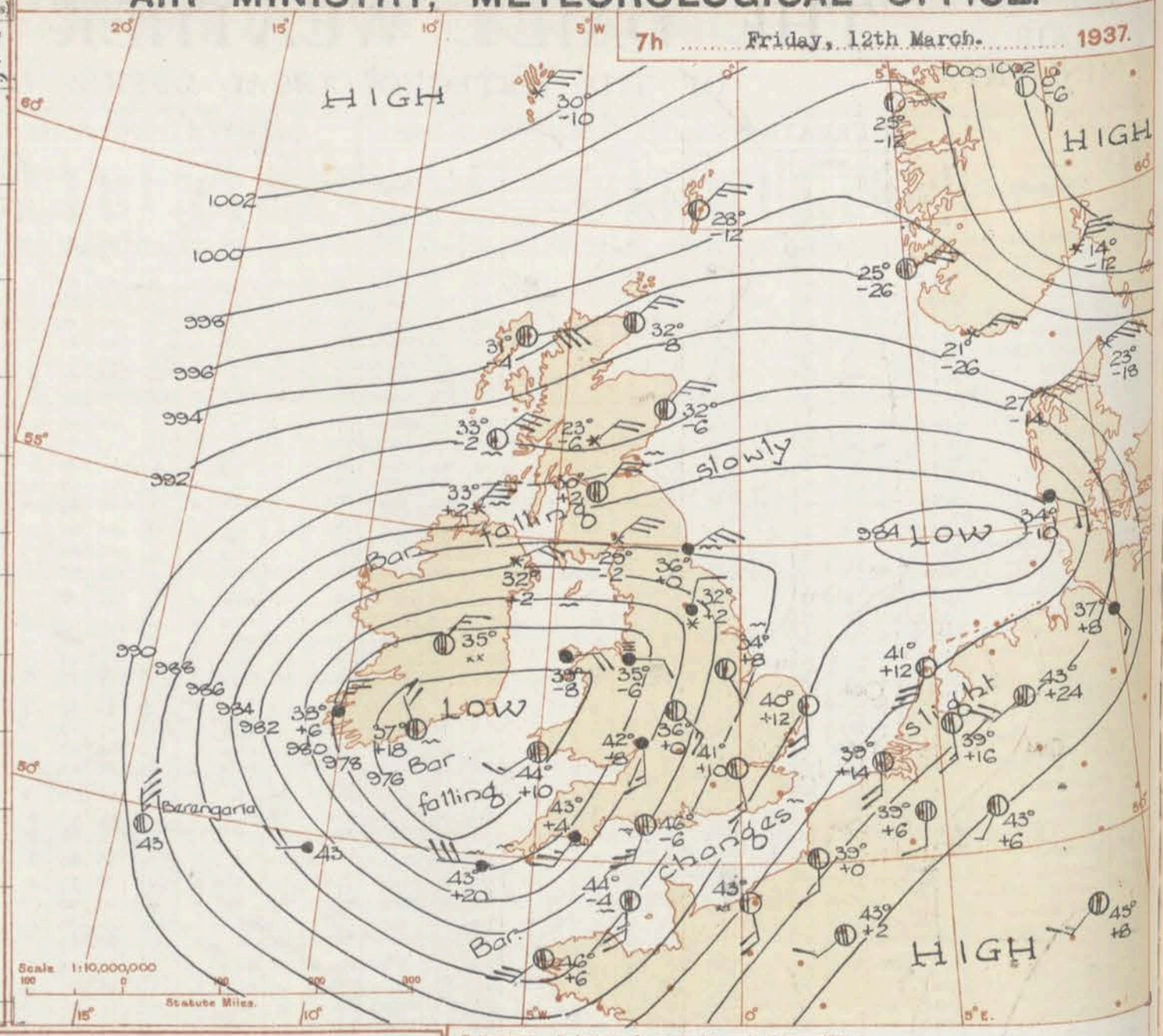
§ Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 11th March 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.	o	bcor	31	51	11	2	0.5	4.5
	Bournemouth	bcbcc	o	32	53	12	-	2.2	4.8
	Ventnor ...	rcbo	ouor	36	55	6	0.5	2.6	3.6
	Southsea ...	cbc	cor	34	51	10	1	1.8	3.7
	Bognor Regis	bcbc	Rcir	37	48	10	3	2.3	2.7
	Littlehampton	bcc	corr	34	49	3	5	2.2	2.5
	Worthing ...	bc	bcorr	34	50	8	9	1.6	1.5
	Brighton ...	cb	bcrc	35	50	8	5	1.1	1.2
	Eastbourne† ...	oc	corr	39	50	7	7	0.6	2.4
	Hastings† ...	cbcbc	corr	36	49	8	4	1.1	3.9
	Folkestone ...	oc	colr	34	48	10	4	1.5	5.4
	Dover ...	obcc	cor	36	49	9	3	1.2	6.0
	Deal	Robc	cor	33	50	11	2	1.2	6.7
	Ramsgate ...	c	cr	36	47	7	2	0.6	6.1
	Margate ...	c	bccr	35	50	7	4	1.5	6.5
2	Southend ...	orc	cor	35	48	5	1	0.7	5.5
	Maldon ...	roc	coir	35	49	8	0.3	0.3	5.1
	Clacton-on-Sea	orbcbc	obccor	30	44	7	3	0.7	6.3
	Dovercourt ...	roc	bcroc	34	45	3	2	1.0	6.6
	Lowestoft ...	cr	crbcc	32	43	3	4	0.1	6.7
	Skegness ...	orsrs	rsom	30	40	1	7	0.0	4.1
	Mablethorpe...	pqs	prsqp	31	39	2	5	0.0	5.2
	Cleethorpes ...	bsqr	or	30	38	0.3	4	0.0	3.6
3	Leamington S.	oprsc	bcc	26	44	8	3	0.4	4.7
4	Cheltenham†	ocir	bcclh	31	51	13	1	1.8	4.6
5	Bath	rcbc	cr	29	52	19	1	0.2	0.1
	Weymouth ...	rcb	ccp	33	53	12	0.5	2.5	6.2
	Jersey ...	pcbcc	rcc	41	50	0.3	2	0.5	8.3
	Torquay ...	bccp	cpbc	35	51	14	1	3.1	5.2
	Penzance ...	qpbc	bcpb	43	52	11	0.3	6.1	6.5
	St. Ives ...	pr	pr	38	52	17	0.5	5.4	5.0
	Bude... ...	cpbcp	bcp	35	52	15	3	5.9	7.3
	Ilfracombe ...	orro	orcbc	35	53	9	6	5.7	6.0
6	Aberystwyth	prsc	bcpr	34	42	2	3	3.2	9.3
7	Llandudno ...	sois	ois	32	36	0.6	1	0.0	9.1
	Colwyn Bay...	ssoso	ososo	31	36	5	3	0.0	9.4
	Rhyl	oss	ossoo	30	36	2	4	0.0	7.1
8	Wallasey ...	ois	so	30	36	0.3	1	0.0	4.5
	Southport ...	oscq	qscq	30	36	-	0.3	0.1	4.1
	Blackpool ...	ops	psc	31	35	-	0.1	0.0	2.0
	Morecambe ...	xiscc	c	31	36	Trace	Trace	0.0	2.3
9	Ilkley... ...	osso	ss	27	33	-	1	0.0	1.3
	Harrogate ...	coss	oss	27	33	-	2	0.0	0.6
10	Berwick-on-T.	cs	phso	31	35	4	2	0.5	2.1
11	Dunbar ...	bcxh	oph	30	36	0.5	1	1.4	4.0
12	Troon... ...	xcbcc	cocso	28	35	-	Trace	0.7	5.7
	Douglas ...	cx	oqsh	32	37	-	2	0.0	2.8

† 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. 12th March, 1937.
1 S.E. England ▼	South to southwest winds, moderate or fresh; bright periods; occasional local rain or sleet showers; rather mild at first, becoming colder later.
2 E. England ... ▼	
3 E. Midlands ...	
4 W. Midlands ...	Southerly to southwesterly winds, strong locally at first, moderating; snow or sleet at times; rather cold.
5 S.W. England ▼	Westerly winds, fresh to strong at first, veering and moderating; cloudy periods; rain or sleet showers; snow on high ground; rather cold.
6 South Wales ... ▼	
7 North Wales ... ▼	Easterly winds, backing north, strong locally, moderating; mainly cloudy; snow or sleet at times; rather cold.
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. ▲	Northerly winds, strong locally; bright periods, wintry showers; cold.
14 Mid Scotland	As 7 - 12.
15 N. E. Scotland ▲	
16 Orkney and Shetland ▲	As 13A - 13B.
17 N. W. Ireland ▲	
18 N. E. Ireland ▲	
19 S. E. Ireland ▼	
20 S. W. Ireland ▲	

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

GENERAL INFERENCE.

A depression over Irish Sea Area is moving slowly northeastwards. Bright periods will occur in southern districts but there will be snow or sleet in the North, falls of snow being heavy locally in Northern England, North Wales and Southern and Central Scotland

FURTHER OUTLOOK.

Continuing cold in the North and becoming temporarily colder in the South.

Times of issue of Gale Warnings.

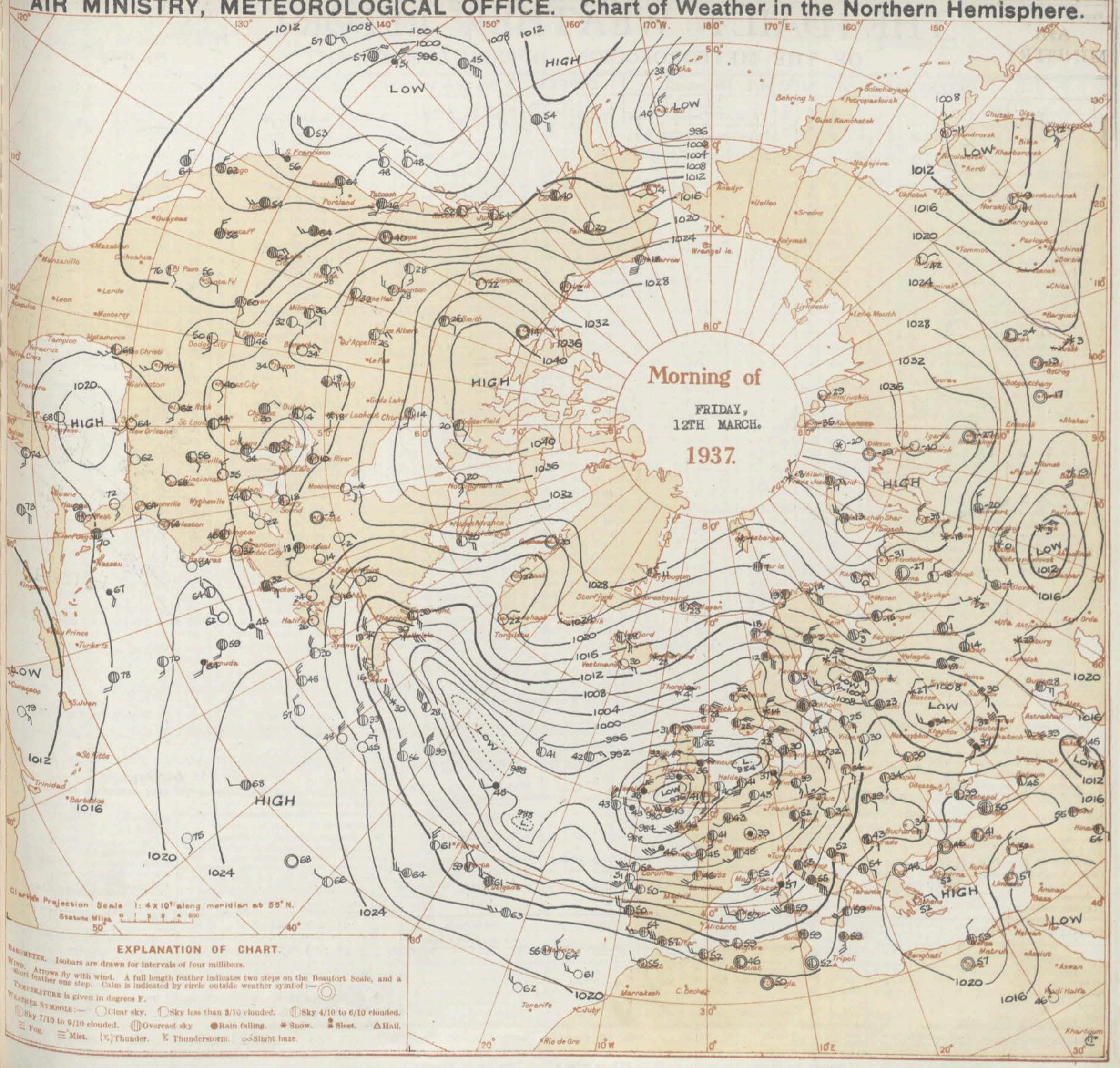
▼ South cone hoisted at 1925 on 10th in district 1(part Of) 5,6,and 19; at 2315 on 10th in 7,8, and 12(part of); at 0825 on 11th 1(part of) 1 and 10.

▲ North cone hoisted at 0150 on 11th in 12(part of) 17,18 and 20; at 0825 on 11th in 13; at 1845 on 11th in 11,15 and 16.

Forecasts issued at 1040 G.M.T.

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

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

Page 4.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 12th March, 1937.
No. 27504.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	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	983.2	-2	SSW	4	b	41	85	8	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	986.4	+4	SW	3	z0	40	92	6	-	-	-	0	0	-
	Manston ...	142	985.2	+14	SW	3	b	41	85	7	-	-	-	0	0	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	983.0	+4	SW'W	3	bc	40	92	7	4	-	-	2-3	2-3	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	982.2	-4	SSW	4	bc	44	92	8	4	-	-	4-6	4-6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	977.2	-10	S'W	7	PR	44	75	8	9	2	-	7-8	10	1500
	Scilly (St. Mary's)	163	974.2	-4	SW	7	c/pr	44	92	7	8	-	-	7-8	7-8	1500
	Guernsey ..	175	984.7	-8	SSW	7 [4]	b	44	85	8	-	-	-	0	0	-
6	Pembroke ...	142	974.7	-4	S'E	7	q	43	85	7	8	-	-	9+	9+	2500
7	Holyhead ...	26	976.9	+2	ENE	5	r0r0	88	97	6	6	2	-	4-6	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	981.9	-2	S'W	2	rr	40	97	6	5	-	-	10	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	985.9	-20	E	8	rs	36	92	6	6	-	-	10	10	800
11	Inchkeith ...	190	989.7	-14	NE	7	c	34	97	8	5	2	-	4-6	10	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	983.7	-10	E	6	rs	35	92	7	6	-	-	10	10	800
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	997.3	-6	E	6	bc	32	97	9	5	-	-	2-3	2-3	4000
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	996.4	-12	ENE	6	c	33	97	8	8	7	-	7-8	9	800
16	Lerwick ...	156	999.5	-14	ENE	6	c	29	75	7	8	*	-	7-8	7-8	450
17	Blacksod Point	18	984.9	-4	NE	8	SS	34	97	6	6	-	-	10	10	450
18	Malin Head ...	84	987.2	-4	NE	6	c	36	75 [8]	7	8	-	-	9	9	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	976.6	0	NE	5	rr	37	97	7	9	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
London (Kew)	985.1	+10	SSE	3	bc	41	92	7	5	7	8	2-3	4-6	1500
Croydon	985.5	+10	S'E	3	bc	41	85	7	5	-	6	1	4-6	1500
S. Farnborough	984.5	+6	S'E	3	c	40	85	7	5	3	1	7-8	7-8	1500
Boscombe Down	982.2	0	SSE	5	c	42	85	7	8	7	-	7-8	7-8	1500
Calshot (Sthmtn.)	984.1	+6	SSE	5	bc	44	85	7	4	4	-	4-6	4-6	1500
Lympne	987.9	+6	S	4	c	41	92	7	-	7	6	0	7-8	-
Manston	987.0	+8	S'W	4	c	41	92	8	5	-	6	Tr	7-8	2500
Shoeburyness	986.6	+10	S	3	c	41	92	8	-	7	-	0	7-8	-
Felixstowe	986.0	+18	S	4	c/r	41	92	7	5	1	1	4-6	7-8	2500
Gorleston	986.0	+12	S	4	bc	40	92	7	-	4	6	0	4-6	-
Mildenhall	985.1	+14	S'W	4	bc	40	85	7	-	3	2	0	2-3	-
Cranwell	983.9	+8	SSE	2	c	34	97	7	8	7	1	4-6	9+	4000
Birmingham	982.0	0	SE	3	c	36	97	6	8	7	-	2-3	7-8	1500
Upper Heyford	983.3	+4	SE'S	3	c	38	92	7	5	7	2	2-3	7-8	2500
Ross-on-Wye	979.6	-8	S'E	3	pr0	42	85	7	6	-	-	9+	9+	1500
Portland Bill	981.2	-6	SSW	5	c	46	85	7	4	-	-	9	9	2500
Plymouth	978.2	+4	SSW	5	r0r0	43	97	6	6	2	-	9	10	800
The Lizard	978.4	+8	SW'W	5	c/pr	43	85	7	8	6	-	9	10	1500
Scilly (St. Mary's)	977.9	+20	W	6	pr0	43	85	7	8	2	-	7-8	9+	1500
Guernsey	984.1	-4	S	5	c	44	85	7	5	-	-	7-8	7-8	2500
Pembroke	974.3	+10	SW'W	3	c	44	85	7	5	-	-	9+	9+	2500
Holyhead	977.1	-8	E'N	4	rr	39	97	6	-	2	-	0	10	1500
Chester (Sealand)	980.3	-6	E	2	rf	35	97	2	-	-	-	10	10	<150
Manchester	981.2	+2	NE	2	cf	37	92	3	5	2	-	7-8	10	2500 [4000]
Spurn Head	983.7	+6	S'W	4	q	37	97	6	5	7	6	2-3	7-8	2500
Catterick	983.5	+2	N'E	2	rs	32	97	4	-	2	-	10	10	800
Tynemouth	984.4	0	ENE	5	rr	36	97	6	6	-	-	10	10	800
Inchkeith	986.9	-4	NE	7	ss	31	97	3	5	-	-	10	10	220
Leuchars	989.2	+6	NNE	3	is0	33	97	6	6	2	-	7-8	10	1500
Renfrew (Abbots I.)	989.1	+2	NE	4	c	30	85	8	5	-	-	10	10	2500
Eskdalemuir	985.3	-2	NE	6	ks	29	97	4	-	2	-	10	10	450
Point of Ayre	981.8	-2	E	6	rs	36	92	7	6	-	-	10	10	800
Tiree	990.1	-2	NE	6	bc	33	92	8	5	3	-	4-6	4-6	2500
Stornoway	995.3	-4	ENE	6	c	31	97	9	8	7	6	4-6	7-8	2500
Dalwhinnie	992.1	-6	NE	4	is0	23	85	7	8	6	-	7-8	10	2800
Aberdeen	990.9	-6	NE	5	c/ps0	32	75	8	6	-	-	9+	9+	1500
Wick	993.2	-8	NE	5	c	32	97	8	8	7	-	7-8	10	1500
Lerwick	996.7	-12	NE	5	bc	28	75	8	9	8	-	4-6	4-6	800
Blacksod Point	985.3	+12	NE	8	c	37	97	7	9	-	-	10	10	800
Malin Head	986.9	+2	NE	6	ps0	38	97	6	9	-	-	10	10	1500
Aldergrove	982.2	+2	NE'E	4	ss	32	97	4	-	7	-	10	10	800
Birr Castle	976.4	"	NE	3	c/r	35	97 [65 struck out]	7	6	2	-	7-8	10	1500
Valentia Obsy. †	977.6	+6	N'E	5	ir0	38	92	7	6	-	-	10	10	1500
Roches Point	975.3	+18	NNW	4	c	37	92	8	6	2	-	2-3	9	1500

PAST 24 HOURS.

Stations	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 11th Hrs. (36)
London (Kew)	1	*	51	38	31	3	3	1.3
Croydon	1	*	51	39	35	6	3	0.6
S. Farnborough	2	*	51	38	31	4	1	0.1
Boscombe Down	1	*	51	35	32	3	2	1.7
Calshot (Sthmtn.)	1	3	50	43	41	2	0.2	2.0
Lympne	1	§4	48	39	35	8	7	0.3
Manston	1	*	50	39	34	7	4	1.4
Shoeburyness	1	*	48	39	31	5	7	1.4
Felixstowe	1	3	45	39	35	8	7	0.9
Gorleston	1	3	43	37	35	6	4	0.0
Mildenhall	1	*	48	37	33	6	11	0.7
Cranwell	4	*	36	31	29	7	3	0.0
Birmingham	7	*	35	34	31	12	0.4	0.0
Upper Heyford	1	*	51	26	30	3	1	*
Ross-on-Wye	1	*	47	39	30	4	0.6	0.4
Portland Bill	2	4	49	43	*	0.4	0.3	*
Plymouth	1	4	51	42	41	·1	5	4.6
The Lizard	1	4	50	39	*	0.1	3	*
Scilly (St. Mary's)	1	4	50	42	*	1	3	5.7
Guernsey	1	4	52	43	39	4	0.6	1.9
Pembroke	1	3	48	36	*	2	2	0.0
Holyhead	1	3	37	36	34	3	1	0.0
Chester (Sealand)	1	*	36	34	32	3	5	0.0
Manchester	1	*	36	35	30	Tr	1	0.1
Spurn Head	2	4	38	37	*	6	11	0.0
Catterick	9	*	34	31	31	1	23	0.0
Tynemouth	1	4	36	34	32	1	10	0.2
Inchkeith	8	5	37	30	30	0.2	0.1	2.1
Leuchars	4	*	36	32	31	Tr	Tr	3.0
Renfrew (Abbots I.)	8	*	37	30	29	0.1	0.2	2.7
Eskdalemuir	8	*	32	27	28	2	9	0.3
Point of Ayre	1	4	?	32	*	1	6	0.0
Tiree	0	4	40	32	31	-	-	7.2
Stornoway	1	3	39	30	*	-	Tr	8.2
Dalwhinnie	9	*	33	23	21	Tr	0.4 [0.6 struck out]	7.2
Aberdeen	4	3	37	30	30	0.1	Tr	2.8
Wick	4	3	37	30	*	1	Tr	*
Lerwick	8	*	34	26	*	Tr	Tr	2.4
Blacksod Point	1	7	38	30	*	0.3	6	*
Malin Head	4	4	38	31	*	-	Tr	0.0
Aldergrove	7	*	36	30	30	3	11	0.0
Birr Castle	6	*	33	32	32	10	11	0.0
Valentia Obsy. †	1	3	40	35	33	Tr	1	3.3
Roches Point	1	4	43	37	*	7	2	*

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.	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	crrc	crrcprc	crrbcm0	51	38	31	3	3	1.3	·	·	7
Croydon ...	217	rRpr0	cprr0r0	rrR0bc	51	39	35	6	3	0.6	·	·	8
Greenwich (Royal Observatory)...	149	cir	crr	rrcb	52	38	29	1	3	0.3	82	80	6
City (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	0.9	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	52	40	34	4		1.0	75	76	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	51	40	36	1	3	0.8	79	73	*
Camden Square ...	110	c	c	*	51	40	33	1	3	*	*	77	*
Kensington ...	80	co	cpc	*	51	40	32	1	2	1.2	At 18h. 83	77	*
Hampstead Observatory ...	450	orbc	cor	bc	49	37	30	0.1	4	0.8	*	85	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

	Max.	Time.	Min.	Time.
South Kensington.	0.6	1619h 11th	<0.3	1-4h 12th
Kew Observatory.	0.3	21h 11th	<0.1	0-7h 12th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 11th March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 12th March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris ...	987.3	S	2	ir0	50	991.8	SW	2	c	43	57	41	1	1
Brussels ...	988.7	S	3	r0r0	46	990.9	S	2	o	39	48	39	4	1
Berlin ...	1000.8	SSE	4	c	43	995.2	SSE	3	z0	39	46	37	–	–
Zurich ...						997.2	SW'W	1	c	41	·	·		–
Rome ...	1014.9	SE	6	bc	57	1008.7	SE	9	c	55	·	·	—	—

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 ,,
2 Fog	550 ,,
3 Moderate fog	1,100 ,,
4 Mist or haze	1¼ miles.
5 Poor visibility	2½ ,,
6 Moderate ,,	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, 13th March, 1937.
No. 27505.

OBSERVATIONS at 13h. G.M.T. March 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)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	984·6	−2	S	5	ir	45	85	6	6	2	-	10	10	1500
	Croydon ...	984·4	−6	S	4	c/pr	45	85	6	9	-	-	10	10	1500
	S. Farnborough	984·0	+2	S'W	3	rr	40	85	6	6	2	-	7·8	10	800
	Boscombe Down	982·5	−6	SSW	4	c/r	41	92	7	6	7	-	4·6	9	800
	Calshot (Sthmtn.)	984·2	+6	S	5	c/pr	43	85	8	8	7	-	4·6	7·8	2500
	Lympne ...	987·5	−2	S	5	bc	48	75	8	7	8	3	4·6	4·6	1500
	Manston ...	986·9	−4	SSW	5	c	49	75	8	5	-	1	4·6	7·8	1500
2	Shoeburyness ...	986·2	−2	S'W	5	c	47	75	8	2	7	6	4·6	9	2500
	Felixstowe ...	986·6	−4	SSE	4	bc	47	75	7	8	-	1	2·3	4·6	2500
	Gorleston ...	987·1	−2	SSE	5	bc	47	75	6	8	-	-	4·6	4·6	2500
	Mildenhall ...	984·0	−10	S	6	c	51	65	8	8	7	8	7·8	9+	2500
	Cranwell ...	983·4	−6	S'E	3	c	45	75	7	8	4	3	7·8	9	2500
3	Birmingham ...	981·2	+2	SSW	3	r.r.	38	92	5	6	-	-	10	10	1500
	Upper Heyford	982·4	−2	S'E	4	c/r	43	97	8	5	2	-	7·8	10	1500
4	Ross-on-Wye	980·2	+4	S'W	4	c	45	75	8	9	6	-	7·8	9	2500
5	Portland Bill ...	982·3	+24	SSW	5	c	47	75	7	4	4	-	4·6	7·8	2500
	Plymouth ...	981·6	+14	WSW	6	pr.	46	75	8	9	4	-	7·8	7·8	2500
	The Lizard ...	981·9	+16	SW'W	6	c/pr	45	75	8	8	-	-	7·8	7·8	1500
	Scilly (St. Mary's)	981·5	+18	W	7	pr.	44	75	7	3	-	-	9+	9+	1500
	Guernsey ...	985·4	+12	WSW	4	bc	50	65	7	8	-	-	4·6	4·6	2500
6	Pembroke ...	976·4	+10	W'S	5	ir.	44	85	6	5	6	-	4·6	10	2500
7	Holyhead ...	976·9	+2	SE	4	c	46	85	8	8	9	-	7·8	9	2500
	Chester (Sealand)	979·4	+4	SE	3	c	44	85	7	8	-	-	9+	9+	1500
8	Manchester ...	980·4	−4	SE	3	c/r	43	85	6	5	7	-	9	10	1500
10	Spurn Head ...	983·4	0	S'W	3	c	47	75	7	5	7	-	4·6	7·8	2500
	Catterick ...	983·8	−2	NE'N	3	rs	34	97	6	-	2	-	10	10	450
	Tynemouth ...	985·5	+10	ENE	6	rr	37	97	7	6	-	9	10	10	800
11	Inchkeith ...	987·0	+4	NE	7	ps	33	97	6	8	-	-	10	10	1500
	Leuchars ...	989·2	+2	NE	4	c/s	34	75	8	5	2	-	9	10	1500
12	Renfrew (Abbotsl.)	988·5	+2	ENE	5	c	35	75	8	5	2	-	4·6	10	2500
	Eskdalemuir ...	985·1	+2	NE	6	ks	32	92	5	5	1	-	9+	10	800
	Point of Ayre...	980·9	−4	E	6	rr	37	92	6	6	-	-	10	10	800
13A	Tiree	989·3	−8	NE'N	5	c	35	85	9	5	-	8	9	10	1500
13B	Stornoway ...	994·1	−8	ENE	4	c/ps	32	92	9	8	7	-	7·8	9	2500
15	Dalwhinnie ...	990·6	−6	NE	5	c	28	85	7	3	2	-	7·8	10	2500
	Aberdeen ...	990·1	−4	NEN	4	c	35	65	8	8	-	8	4·6	7·8	2500
	Wick ...	991·7	−8	NNE	5	c/ps	33	97	8	8	6	8	4·6	9	1500
16	Lerwick ...	992·8	−20	NNW	3	bc	32	65	8	8	-	-	2·3	2·3	1500
17	Blacksod Point	987·0	+20	NE	8	q	36	92	7	9	-	-	10	10	800
18	Malin Head ...	987·2	+4	NE	5	ps	35	97	6	9	-	-	10	10	1500
	Aldergrove ...	982·4	+2	NE'E	6	s.s.	34	92	6	5	1	-	9+	10	800
19	Birr Castle ...	979·6	+14	N	3	prs	35	97	7	6	2	-	7·8	10	1500
20	Valentia Obsy. †	983·0	+26	N'E	4	ir.	38	85	7	6	-	-	10	10	1500
	Roches Point	978·1	+16	N	4	c	39	92	8	8	-	-	4·6	9+	1500

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	984·4	+2	S'W	3	pr.	46	75	6	9	-	3	9	9	1500	1	*
	Croydon ...	984·5	−2	SSW	4	z.	45	75	6	8	6	3	7·8	9	1500	1	*
	S. Farnborough	984·1	+2	SSW	4	bc	43	85	7	8	6	3	2·3	4·6	1500	2	*
	Boscombe Down	982·7	+2	SSW	5	bc/pr	42	85	8	8	1	-	4·6	4·6	1500	1	*
	Calshot (Sthmtn.)	986·0	+8	SW	5	bc/pr	43	85	8	8	3	-	4·6	4·6	2500	1	3
	Lympne ...	987·5	+4	SSW	4	bc	42	85	7	9	-	3	4·6	4·6	1500	1	4
	Manston ...	986·7	+2	S'W	4	c/pr	43	85	8	9	4	1	4·6	7·8	1500	1	*
2	Shoeburyness ...	985·8	−2	SSW	4	bc	43	85	8	8	-	-	2·3	2·3	2500	1	*
	Felixstowe ...	986·0	−4	SSW	4	jp	43	85	7	8	3	-	4·6	7·8	2500	1	3
	Gorleston ...	985·9	−8	S'E	5	c	45	85	6	8	-	-	9	9	2500	1	3
	Mildenhall ...	983·8	0	S	4	bc	45	85	7	4	6	-	2·3	4·6	4000	1	*
	Cranwell ...	982·5	0	S	3	c	42	85	7	8	3	-	9	9+	2500	4	*
3	Birmingham ...	981·2	−2	SSW	2	c	42	75	6	5	-	-	7·8	7·8	4000	6	*
	Upper Heyford	982·4	+6	SSW	4	pr.	44	75	7	5	7	-	4·6	7·8	1500	1	*
4	Ross-on-Wye	980·7	+4	SW	2	PHR	41	85	7	3	-	-	9	9	2500	1	*
5	Portland Bill ...	982·9	+4	WSW	5	pr.	44	85	7	4	-	-	9	9	2500	2	6
	Plymouth ...	982·5	+4	SW'W	7	c/pr	43	85	6	9	3	9	7·8	9	1500	1	4
	The Lizard ...	983·1	+2	WSW	8	c/pr	41	85	7	9	7	-	4·6	7·8	1500	1	5
	Scilly (St. Mary's)	983·2	+16	WNW	8	q	44	75	7	3	6	-	4·6	7·8	1500	1	5
	Guernsey ...	987·4	+6	W'S	5	pr.	45	75	7	8	-	-	7·8	7·8	1500	1	4
6	Pembroke ...	977·1	+2	W'S	3	c	43	75	7	5	7	-	4·6	9	4000	1	3
7	Holyhead ...	977·5	+4	SSE	2	c/r	41	92	8	9	2	-	7·8	10	2500	1	2
	Chester (Sealand)	979·4	+2	SE'E	2	z.	43	85	6	5	-	-	9+	9+	5700	1	*
8	Manchester ...	980·1	0	ESE	2	m	43	85	4	5	-	-	10	10	2500	1	*
10	Spurn Head ...	983·0	−10	S'E	3	c	42	92	6	5	2	-	7·8	9	2500	1	3
	Catterick ...	982·0	−6	NE'E	2	ir.	35	97	7	6	2	-	9+	10	450	7	*
	Tynemouth ...	983·8	−8	ENE	8	p/rs	36	85	7	6	-	-	10	10	800	1	4
11	Inchkeith ...	985·5	−4	NE	7	ps	33	85	6	5	-	-	10	10	1500	7	5
	Leuchars ...	988·3	−2	NNE	3	ps	32	92	7	5	2	-	9	10	1500	1	*
12	Renfrew (Abbotsl.)	988·8	+10	ENE	5	ss	31	85	5	-	2	-	10	10	2500	4	*
	Eskdalemuir ...	985·3	+10	NE'N	6	sf	30	97	3	-	2	-	10	10	800	8	*
	Point of Ayre...	981·0	0	E	6	prs	36	92	6	6	-	-	10	10	800	1	4
13A	Tiree	989·0	0	NE'E	5	c	34	75	8	5	1	-	7·8	10	1500	0	4
13B	Stornoway ...	993·2	−8	ENE	4	bc/ph	30	97	9	3	7	3	4·6	4·6	2500	4	3
15	Dalwhinnie ...	990·9	−2	NE	4	c	25	85	7	8	6	-	4·6	10	2500	9	*
	Aberdeen ...	989·8	−2	N	2	c/ps	32	75	8	8	-	8	9	10	1500	4	3
	Wick ...	991·3	−4	NNE	4	c	33	97	8	8	7	-	4·6	7·8	1500	1	2
16	Lerwick ...	990·3	−42	NW	3	bc	30	92	8	8	-	-	4·6	4·6	1500	4	
17	Blacksod Point	987·6	+8	NE	6	q	48	75	8	9	·	-	10	10	800	1	4
18	Malin Head ...	986·7	+6	NE	4	ps	35	97	6	9	-	-	10	10	1500	4	3
	Aldergrove ...	982·9	+6	NE	6	sf	32	97	3	-	-	-	10	10	<150	9	*
19	Birr Castle ...	982·0	+16	N	2	c	34	92	7	6	2	-	7·8	10	1500	1	*
20	Valentia Obsy. †	986·0	+18	NNE	4	c/r	38	85	7	6	2	-	4·6	10	1500	1	3
	Roches Point	982·9	+36	N	4	c	38	85	8	8	-	-	9	9	1500	1	3

PAST 24 HOURS.

District	Stations.	Weather. 7h.—12h. 12th (37)	12h.—18h. 12th (38)	18h. 12th to 1h. 13th (39)	1h.—7h. 13th (40)
1	London (Kew)	bccir	crcpr	cpr	cPRqbc
	Croydon ...	bccpr.q	pr.rrc	cprqb	bccpr.
	S. Farnborough	cir.m.c	rcbcpr	bccprb	cpr.b
	Boscombe Down	cqcrrc	cpr.bc	cpr.bc	bmcpr.bc
	Calshot (Sthmtn.)	bccprr	bccprq	bcqprbcprr	bbcbcphbc
	Lympne ...	cbc	cprqt	prqprbc	b.c
	Manston ...	cbcc	bcipr	bcpr	cbcpr
2	Shoeburyness ...	bcc	cpr.bc	Pbc	bcpbc
	Felixstowe ...	cbc	bcir.c	cpr.bc	bc
	Gorleston ...	bcq	bccq	bq	pr.cq
	Mildenhall ...	bcc	cqpr.c	bcb	crr.rr.
	Cranwell ...	cbc	s.s.rr	cpr.	cm.rr.r.
3	Birmingham ...	crr	r.bcc	cpr.	cir
	Upper Heyford	cr.iRir	cr.pPRbc	bcpc r.r.	cr.r.bcpr.
4	Ross-on-Wye	irc	c	cpbccrc	cc
5	Portland Bill ...	cprc	cpr	c	c
	Plymouth ...	cr.r.prh	cqprm	cqprpm	cm.cbc
	The Lizard ...	cprqc	cprqs	cpracm	cpr.c
	Scilly (St. Mary's)	cp.q	cphrq	cbcpm	bcp.c
	Guernsey ...	cprbc	bccpr	bccprf	bcfc
6	Pembroke ...	cirqc	cir.c	cm.qc	cpr.q
7	Holyhead ...	arrir.c	pr.rr.c	cir.	ir.c
	Chester (Sealand)	frrirm	cm.prr.	cm.	cm.
8	Manchester ...	cfrrirm	cm.pr.cir	cmbccm.	cpr.cm.
10	Spurn Head ...	c	crc	bc	pr.co
	Catterick ...	mrsfmr	mr.s.r.r.	air.o	bo
	Tynemouth ...	orr	orsrsq	airso	air.c
11	Inchkeith ...	s.s.ps.	ts.	ps.ssc	c
	Leuchars ...	cs.s.is.	cps.c	css.sc	cis.c
12	Renfrew (Abbotsl.)	cs.msc	cssm.	ss.s.c	cis.
	Eskdalemuir ...	oks.s.s.	oksss	ossskst	oksis
	Point of Ayre...	corr	rrprs	prso	ors.
13A	Tiree	c	c	c	c
13B	Stornoway ...	cphPSq	cbcpsphq	bcphq	phpsq
15	Dalwhinnie ...	ciso	ciso	*	ciso
	Aberdeen ...	cpsh.	cpsh	c	ccs.
	Wick ...	cps.⊕	c	bcc	bcc
16	Lerwick ...	bc	bc	bc	bcps
17	Blacksod Point	irsq	is.rq	isq	is
18	Malin Head ...	c	cps.	cps.	c
	Aldergrove ...	ossmcs.s	ossmossf	ossf s.s.	ossis.
19	Birr Castle ...	cprs	cprsc	c	c
20	Valentia Obsy. †	r.r.rsr.	r.r.c	cir.c	cbcbx
	Roches Point	cir.c	cpr.c	cpr.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., slight storm of drifting snow (generally low).
k/S, heavy storm of drifting snow (generally low).
s./k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r_o, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☿ lunar halo. ⸝ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

COLUMN 29.—STATE OF GROUND.

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

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

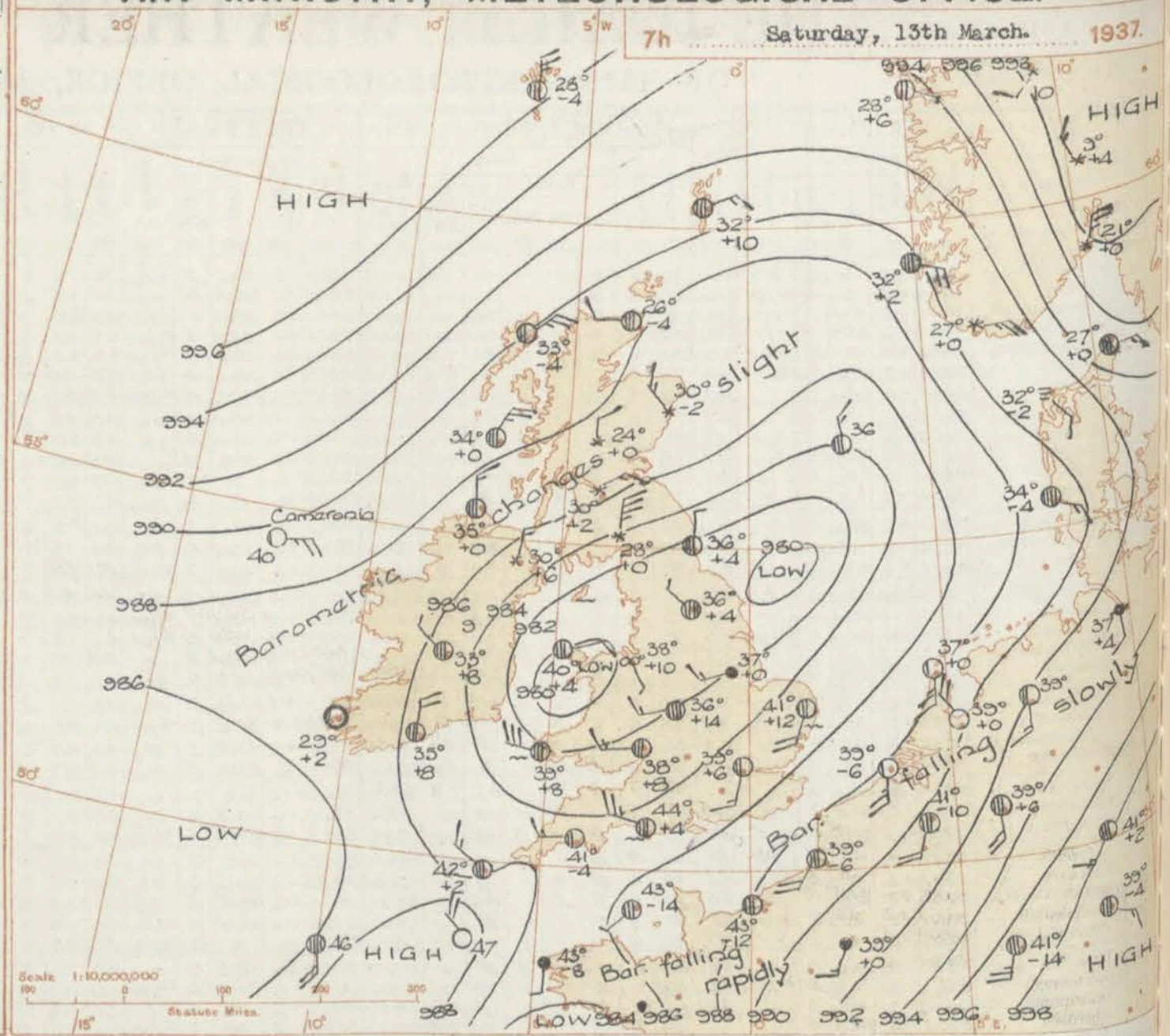
† Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for March 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.	bbc	opbcb	38	49	8	Trace	4·1	0·5
	Bournemouth	rco	orc	43	49	0·3	2	1·8	2·2
	Ventnor ...	rbcpc	rbbc	42	47	0·5	5	4·2	2·6
	Southsea ...	c	cpbc	42	49	1	1	4·0	1·8
	Bognor Regis	bbcrc	bccbc	42	46	3	Trace	4·6	2·3
	Littlehampton	bccpc	cbc	42	47	4	0·3	5·4	2·2
	Worthing ...	bbc	cbc	42	48	6	-	4·4	1·6
	Brighton ...	bc	cbcdc	42	46	7	Trace	4·1	1·1
	Eastbourne† ...	bbcc	copoc	43	49	9	0·5	3·9	0·6
	Hastings† ...	bbcc	opbcp	41	49	20	1	4·9	1·1
	Folkestone ...	bbcc	cortr	40	49	6	2	5·3	1·5
	Dover ...	bbc	bccrh	41	49	5	1	5·8	1·2
	Deal	bc	bcorr	40	50	6	0·3	6·9	1·2
	Ramsgate ...	bc	bccrc	40	48	4	0·3	5·4	0·6
	Margate ...	bc	bccr	40	50	5	0·3	5·3	1·5
2	Southend ...	b	bccr	39	49	9	Trace	4·8	0·7
	Maldon ...	b	cp	36	51	8	0·3	3·8	0·3
	Clacton-on-Sea	bc	bccpc	38	46	7	Trace	4·9	0·7
	Dovercourt ...	bc	bc	39	48	6	-	4·8	1·0
	Lowestoft ...	cbccb	bbcc	32	48	5	-	5·8	0·1
	Skegness ...	b	bcpbc	34	49	9	0·1	6·5	0·0
	Mablethorpe...	bc	bccpc	33	50	9	Trace	6·3	0·0
	Cleethorpes ...	bbc	bcrbc	33	51	5	4	4·7	0·0
3	Leamington S.	cp	bccpo	34	49	3	2	1·4	0·4
4	Cheltenham†	orroc	cpc	38	48	3	7	0·5	1·8
5	Bath	rrcp	cpbc	40	49	6	3	2·0	0·2
	Weymouth ...	pccp	bc	42	49	5	0·6	2·7	2·5
	Jersey ...	pc	cpcbc	42	49	0·5	Trace	3·7	0·5
	Torquay ...	bccrp	bccrp	40	49	3	0·6	2·4	3·2
	Penzance ...	bcph	bcihr	42	48	7	8	3·6	6·1
	St. Ives ...	p	p	41	47	13	2	3·2	5·9
	Bude... ...	pc	pbccp	39	45	3	2	1·1	5·9
	Ilfracombe ...	oro	ocrop	40	47	5	2	0·5	5·7
6	Aberystwyth	prc	cpr	38	46	1	2	0·1	3·2
7	Llandudno ...	rcbc	c	32	47	3	0·6	1·3	0·0
	Colwyn Bay...	opobc	bcc	32	48	0·5	-	0·6	0·0
	Rhyl	orc	c	31	46	2	0·1	0·5	0·0
8	Wallasey ...	Roc	c	31	46	6	0·5	0·3	0·0
	Southport ...	rsoir	comr	32	45	4	1	0·2	0·1
	Blackpool ...	orsor	copo	32	38	2	5	0·0	0·0
	Morecambe ...	crsrc	irsc	33	40	2	5	0·0	0·0
9	Ilkley... ...	oso	rsr	30	35	18	7	0·0	0·0
	Harrogate ...	ofsrr	ofrr	31	36	24	5	0·0	0·0
10	Berwick-on-T.	ois	iso	31	36	2	0·4	0·0	0·5
11	Dunbar ...	ors	ors	32	36	1	0·5	0·0	1·4
12	Troon... ...	osoco	cosos	27	33	0·5	0·5	0·0	0·7
	Douglas ...	cqis	cirs	30	38	17	17	0·0	0·0

† 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.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 13th March, 1937.

Districts.	Forecasts
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light or moderate south to southwest winds; bright periods, local showers at first, occasional rain later; average temperature.
4 W. Midlands ... 5 S.W. England	Fresh southwest winds; fair periods, occasional rain later; average temperature.
6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England	Light variable winds; cloudy, occasional rain, fair periods later; rather cold.
11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W.Scotland.	Moderate or fresh northeast winds; cloudy, occasional snow; cold.
14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Moderate east winds; cloudy, occasional snow; cold.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Wind becoming southerly: bright periods; occasional rain later; rather cold, becoming average temperature.

GENERAL INFERENCE

A complex depression over Northern England is filling up. A secondary depression over the west coast of France is moving east and a large depression over the Atlantic will spread eastwards slowly. There will be further intermittent snow in the North; elsewhere there will be occasional showers with bright periods.

FURTHER OUTLOOK.

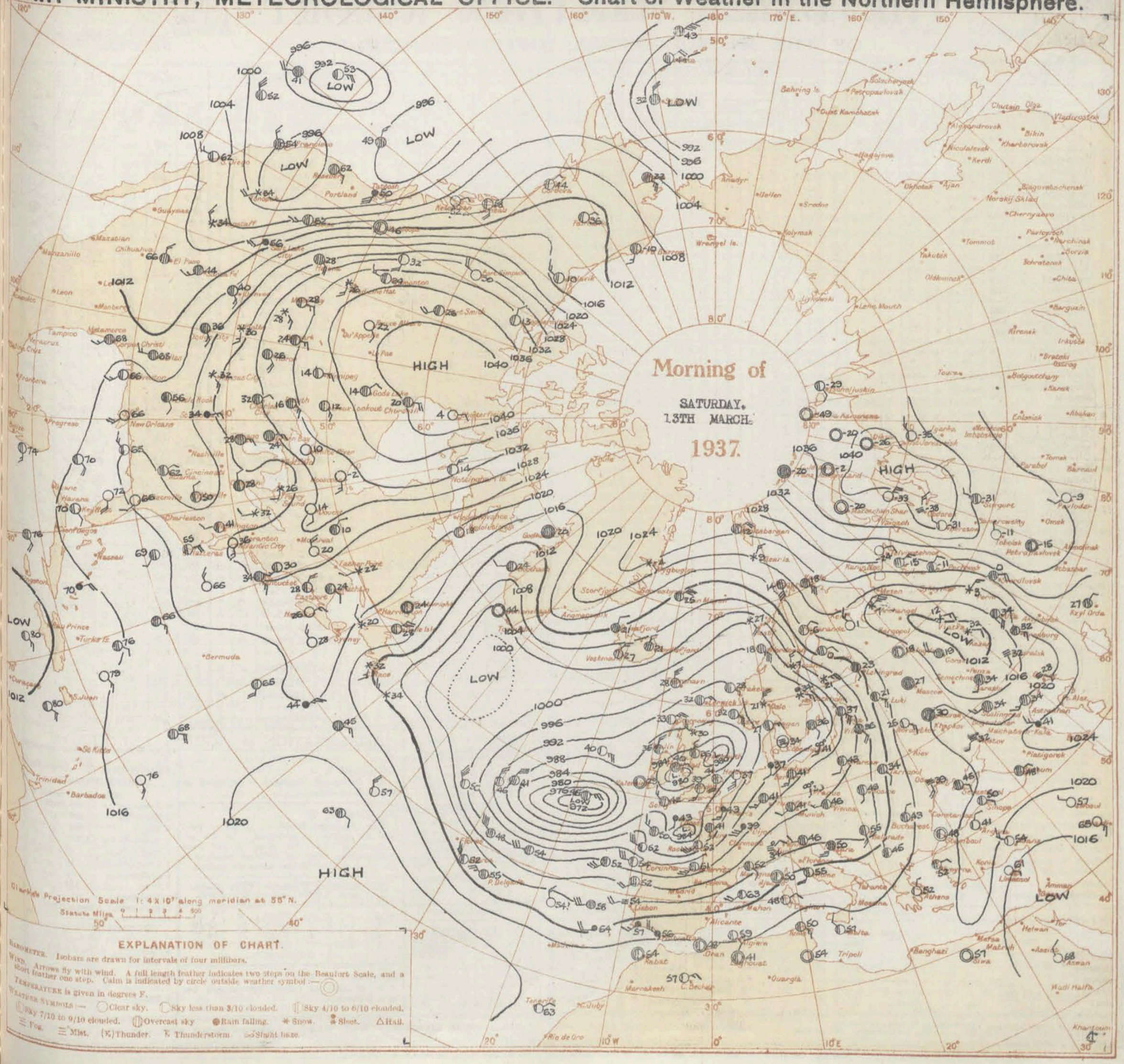
Cold in the North with occasional snow, average temperature in the South with occasional rain.

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

Saturday, 13th March, 1937.
No. 27505.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	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	983.4	-10	SSW	4	pr.	41	85	7	2	-	-	7-8	7-8	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	986.8	-10	SSW	5	bc/pr	41	85	7	3	-	-	2-3	2-3	1500
	Manston ...	142	986.4	-6	SW	5	pr.	39	85	8	3	-	-	2-3	2-3	2500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	984.6	-6	S'E	5	b	39	97	7	-	-	-	0	0	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	983.9	+10	WSW	6	c	43	92	8	4	-	-	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	986.4	+2	WSW	5	c	43	75	8	8	2	-	4-6	7-8	1500
	Scilly (St. Mary's)	163	985.3	0	W'N	4	bc/pr	41	85	8	8	-	-	4-6	4-6	1500
	Guernsey ..	175	988.3	+2	SW'W	3	bc'l	44	75	8	2	-	-	2-3	2-3	2500
6	Pembroke ...	142	979.9	+8	WNW	6	q	40	85	7	5	-	-	10	10	2500
7	Holyhead ...	26	976.4	+2	SE'S	2	ir.	40	97	7	8	2	-	7-8	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	982.6	-6	S'E	3	bc	38	97	6	-	7	-	0	4-6	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	980.8	-10	N	3	o	38	97	6	6	-	-	10	10	800
11	Inchkeith ...	190	984.3	-4	NE	7	c	29	85	7	5	-	-	10	10	1500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	981.1	0	E	6	o	37	85	8	5	-	-	10	10	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	991.4	-6	NNW	3	bc	28	97	9	9	7	3	2-3	4-6	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	990.2	-6	WNW	2	c	26	97	8	5	7	-	4-6	9	1500
16	Lerwick ...	156	988.4	+4	SSE	3	bc/ps	31	85	8	8	-	-	4-6	4-6	1500
17	Blacksod Point	18	987.8	0	NE	4	is	35	85	7	6	-	-	10	10	800
18	Malin Head ...	84	986.7	-4	NNE	3	ps.	35	97	6	9	-	-	9	9	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	986.3	0	NE	3	c	37	97	7	9	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	984.7	+4	SW	3	bc	40	85	8	5	-	1	Tr	2-3	1500	1	*
Croydon ...	984.8	+6	SSW	3	bc	39	85	7	5	-	5	1	2-3	4000	1	*
S. Farnborough	984.9	+8	SSW	3	bc	37	85	7	2	-	2	Tr	2-3	4000	2	*
Boscombe Down	984.6	+6	SW'S	3	bc	37	85	7	5	7	1	4-6	4-6	1500	1	*
Calshot (Sthmtn.)	985.3	+2	SW	3	c	40	85	7	8	4	6	1	7-8	2500	1	2
Lympne ...	987.4	+6	SW	3	c	41	85	8	9	3	6	4-6	9+	1500	1	§3
Manston ...	986.3	+2	SW	3	bc/pr	38	85	8	9	-	9	4-6	4-6	2500	1	*
Shoeburyness ...	985.8	+6	SSW	4	bc	39	85	8	4	-	-	2-3	2-3	2500	1	*
Felixstowe ...	985.2	+8	S'W	5	bc	40	85	8	8	3	-	2-3	4-6	4000	1	4
Gorleston ...	984.4	+12	S'W	4	c/pr	41	85	6	8	-	-	9+	9+	2500	1	3
Mildenhall ...	983.2	+12	SW'S	4	c/r	41	85	8	5	-	-	9+	9+	1500	1	*
Cranwell ...	981.7	0	WSW	3	r.r.	37	97	6	6	2	-	9	10	1500	4	*
Birmingham ...	982.2	+1.4	WSW	4	o	36	92	6	6	-	-	10	10	1500	4	*
Upper Heyford	983.4	+12	SW	4	bc/pr	37	92	7	5	7	-	4-6	4-6	1500	1	*
Ross-on-Wye	983.2	+8	W'S	3	c	38	85	7	5	-	-	9	9	4000	1	*
Portland Bill ...	984.8	+4	WNW	5	c	44	85	7	4	-	-	7-8	7-8	2500	2	5
Plymouth ...	985.3	-4	W	3	bc	41	75	8	8	7	1	2-3	4-6	4000	1	2
The Lizard ...	986.2	0	WNW	3	c	41	85	8	8	7	-	7-8	9	1500	1	3
Scilly (St. Mary's)	985.7	+2	NW'N	3	c	42	75	8	8	4	8	4-6	9+	2500	1	3
Guernsey ..	987.1	-14	SW	1	c	43	92	7	8	-	-	10	10	2500	1	3
Pembroke ...	982.6	+8	WNW	6	q	39	85	7	8	-	-	9+	9+	2500	1	4
Holyhead ...	979.7	+4	ENE	2	c	40	97	8	5	-	-	10	10	800	1	2
Chester (Sealand)	980.3	+10	SSE	1	z.	38	85	5	5	-	-	10	10	2500	1	*
Manchester ...	980.6	+8	SSE	1	z.	38	92	5	5	7	-	7-8	10	2500	1	
Spurn Head ...	980.3	-4	WSW	3	pr	38	97	7	5	-	-	10	10	1500	1	2
Catterick ...	980.9	+4	NW'N	1	o	36	85	7	5	-	-	10	10	1500	7	*
Tynemouth ...	980.2	+4	N	1	c	36	97	6	9	-	-	9	9	1500	1	2
Inchkeith ...	984.6	+2	N	6	c	29	97	8	5	2	-	7-8	10	2500	8	5
Leuchars ...	985.8	0	NNW	2	o	29	75	8	5	-	-	10	10	2500	7	*
Renfrew (Abbots I.)	987.4	+2	ENE	3	is.	30	92	7	5	-	-	10	10	2500	8	*
Eskdalemuir ...	982.8	0	N'E	7	ks	26	92	6	5	2	-	10	10	800	8	*
Point of Ayre...	982.0	+4	NE'E	5	rs	35	92	6	6	-	-	10	10	800	1	4
Tiree	988.0	0	NNE	5	c	34	92	8	5	-	-	7-8	7-8	2500	0	3
Stornoway ...	990.0	-4	NE	5	bc/ps	33	97	9	9	7	3	2-3	4-6	2500	8	2
Dalwhinnie ...	988.7	0	N	2	is.	24	85	6	5	-	-	10	10	1500	9	*
Aberdeen ...	987.1	-2	NW'N	3	is.	30	92	6	5	7	-	9	9+	1500	4	3
Wick ...	988.2	-4	W	2	c	26	92	8	5	7	-	7-8	9	1500	3	2
Lerwick ...	990.4	+10	ENE	3	o	32	92	8	8	7	-	7-8	9	1500	4	*
Blacksod Point	988.3	+14	NE	3	c	34	92	7	5	-	-	10	10	800	7	3
Malin Head ...	986.3	0	N	3	c	35	92	7	8	2	-	4-6	7-8	2500	9	3
Aldergrove ...	984.5	+6	N'E	3	s.s.	30	85	6	5	-	-	10	10	800	9	*
Birr Castle ...	985.4	+8	NW	1	c	33	92	8	5	1	-	7-8	10	2500	1	*
Valentia Obsy. †	986.7	+2	-	0	b	29	92	8	-	-	5	0	1	-	3	2
Roches Point	985.2	+8	N	4	c	35	85	8	8	-	-	10	10	1500	1	3

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 12th G.M.T. Hrs. (36)
London (Kew)	49	39	35	2	3	4.0
Croydon ...	49	39	36	3	0.3	4.4
S. Farnborough	47	37	31	3	0.1	3.4
Boscombe Down	47	36	33	3	0.4	2.1
Calshot (Sthmtn.)	47	40	37	2	1	2.1
Lympne ...	49	38	36	0.5	1	5.4
Manston ...	51	37	34	0.6	4	5.7
Shoeburyness ...	48	39	33	Tr	2	4.6
Felixstowe ...	47	39	37	Tr	Tr	4.6
Gorleston ...	50	42	36	-	Tr	6.5
Mildenhall ...	52	40	36	0.1	0.4	5.3
Cranwell ...	46	34	31	1	1	3.6
Birmingham ...	44	35	35	4	1	0.9
Upper Heyford	47	37	32	1	1	*
Ross-on-Wye	46	38	35	2	1	0.5
Portland Bill ...	(47)	42	*	1	1	*
Plymouth ...	47	40	38	2	1	2.6
The Lizard ...	46	40	*	2	0.5	*
Scilly (St. Mary's)	47	40	*	2	1	3.0
Guernsey ..	50	42	38	3	0.4	3.1
Pembroke ...	45	38	*	1	0.1	0.0
Holyhead ...	46	38	36	4	0.1	0.7
Chester (Sealand)	47	36	33	2	-	0.2
Manchester ...	45	38	36	3	Tr	0.0
Spurn Head ...	49	37	*	2	0.3	4.8
Catterick ...	35	33	32	5	0.5	0.0
Tynemouth ...	37	34	32	5	8	0.0
Inchkeith ...	34	28	28	0.2	0.1	0.0
Leuchars ...	35	28	26	Tr	2	0.0
Renfrew (Abbots I.)	35	28	28	0.1	1	0.0
Eskdalemuir ...	33	28	28	4	8	0.0
Point of Ayre...	38	35	*	7	2	0.0
Tiree	36	32	31	-	-	2.7
Stornoway ...	35	25	*	0.2	5	3.8
Dalwhinnie ...	28	21	17	0.1	0.3	0.2
Aberdeen ...	35	29	28	0.3	0.2	1.0
Wick ...	34	24	*	Tr	-	*
Lerwick ...	33	29	*	-	Tr	0.2
Blacksod Point	38	30	*	Tr	4	*
Malin Head ...	36	34	*	0.4	Tr	0.0
Aldergrove ...	34	30	30	7	5	0.0
Birr Castle ...	36	32	32	1	-	0.0
Valentia Obsy. †	35	29	24	6	0.3	0.0
Roches Point	40	35	*	0.2	Tr	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon	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. % (To-day)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew ...	18	bc c ir	c r c pr	c pr q bc	49	39	35	2	3	4.0	*	*	6
Croydon ...	217	bc c pr c m	p r r c	c pr bc p.	49	39	35	3	0.3	4.4	*	*	6
Greenwich (Royal Observatory) ...	149	c	c r. r b	bc p. c b	52	36	31	2	Tr	4.4	92	68	6
City (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	3.6	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	50	41	35			4.8	76	70	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	49	39	36	1	2	3.9	91	71	*
Camden Square ...	110	c	c p c	*	49	40	34	1	2	*	*	73	*
Kensington ...	80	bc	c p c	*	49	40	33	4	1	4.5	At 18h. 80	73	*
Hampstead Observatory ...	450	b c b	b c o r	b m o r	47	37	30	2	2	3.4	*	80	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.	Kew Observatory. Max.	Time.	Min.	Time.
0.5	18-24h 12h	<0.3	2-4h 13th	0.1	20h 12h	<0.1	0-7h 13th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 12th March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 13th March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris ...	992.7	SW	5	c/pr	45	988.9	S	4	bc	37	52	*	2	*
Brussels ...	989.6	SSW	4	c	45	990.7	SSW	4	c	41	52	37	0.1	1
Berlin ...	994.0	SSW	2	r.r.	46	998.0	SSW	3	z.	41	54	39	0.4	0.2
Zürich ...	1001.9	SSE	1	c	43	1002.8	SE	2	c	36	*	*	2	-
Rome ...	1006.5	S	4	c	57	1012.9	SW	4	bc	57	*	*	4	3

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

Sunday, 14th March, 1937.
No. 27506

OBSERVATIONS at 13h. G.M.T. 13th March (For heights see p. 4.)

District	Stations	Barom. at M.S.L. mb. (1)	Change in 8 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)	986.5	+14	WSW	3	c	45	65	7	8	-	-	9+	9+	2500
	Croydon	986.3	+10	WSW	3	c	46	55	6	2	-	8	7-8	9+	4000
	S. Farnborough	986.6	+14	WSW	4	c	48	55	8	8	3	1	9	9+	4000
	Boscombe Down	986.5	+14	W'S	4	c	43	75	7	8	-	-	7-8	7-8	2500
	Calshot (Sthmtn.)	987.3	+18	SWW	4	c	48	65	8	8	-	6	4-6	9	4000
	Lympne	987.2	0	SW	4	c/pr	45	75	8	8	7	-	4-6	9+	4000
	Manston	986.4	-2	SSW	3	c	46	75	8	5	7	-	7-8	9	1500
2	Shoeburyness	986.3	+4	SW	3	c	48	65	8	2	7	6	2-3	9+	4000
	Felixstowe	985.8	+4	S'E	4	c	45	75	7	8	3	6	4-6	9	2500
	Gorleston	985.2	+2	S'W	3	c	44	65	6	8	-	-	9	9	2500
	Mildenhall	985.2	+10	SWW	3	c	44	75	8	8	-	-	10	10	2500
	Cranwell	984.5	+16	WSW	3	zo	39	85	6	6	2	-	7-8	10	1500
3	Birmingham	984.8	+18	WSW	3	zo	39	85	6	7	-	-	7-8	7-8	1500
4	Upper Heyford	985.7	+20	WSW	4	c	42	65	7	8	-	-	7-8	7-8	2500
	Ross-on-Wye	985.8	+16	SWW	4	c	41	65	8	5	-	1	9	9+	4000
5	Portland Bill	988.0	+20	W	4	c	46	65	8	4	4	-	4-6	10	2500
	Plymouth	988.3	+18	WNW	3	c	45	55	8	7	-	5	4-6	9	2500
	The Lizard	988.6	+16	WSW	3	bc	47	75	8	8	6	1	4-6	4-6	2500
	Scilly (St. Mary's)	988.7	+16	W	1	c	49	65	8	2	4	2	4-6	7-8	2500
	Guernsey	989.5	+24	NW	2	c	48	75	8	1	1	0	4-6	7-8	2500
6	Pembroke	985.9	+20	WNW	4	q	39	75	7	8	6	-	7-8	9+	2500
7	Holyhead	983.3	+24	N	3	c	41	92	7	6	2	-	2-3	10	1500
	Chester (Sealand)	982.7	+14	SW	2	iro	42	75	7	5	-	-	10	10	1500
8	Manchester	982.7	+12	S'E	2	zo	39	92	5	5	2	-	7-8	10	1500
10	Spurn Head	983.9	+10	SSW	3	c	42	85	6	5	2	-	9	10	1500
	Catterick	982.8	+10	NW	2	c	38	75	7	5	-	-	9+	9+	1500
	Tynemouth	980.8	+6	NW	1	c	38	92	6	-	2	-	9	9	1500
11	Inchkeith	985.0	+2	NNE	6	ps	32	85	7	5	2	-	7-8	10	1500
	Leuchars	986.2	+6	N	3	o	32	85	7	-	2	-	10	10	1500
12	Renfrew (Abbots I.)	987.3	+6	E'N	2	c	35	75	8	5	2	-	9	10	4000
	Eskdalemuir	984.4	+4	NNE	5	iso	31	85	7	5	2	-	Tr	9+	1500
	Point of Ayre	984.4	+26	NE	4	c	35	85	8	8	-	-	10	10	800
13A	Tiree	988.2	0	NNE	4	c	39	55	9	2	-	8	4-6	7-8	4000
13B	Stornoway	990.3	-2	NNE	7	ss	35	75	5	8	2	-	4-6	10	2500
15	Dalwhinnie	988.4	0	NE	2	c	29	85	7	4	1	-	4-6	10	2500
	Aberdeen	986.1	-4	NWN	4	soso	33	92	6	6	-	-	10	10	1500
	Wick	988.6	0	E	4	c	37	92	8	8	2	-	7-8	10	1500
16	Lerwick	990.2	-6	ENE	4	c	35	85	8	8	7	1	4-6	7-8	1500
17	Blacksod Point	989.1	+14	NE	1	c	39	75	9	9	-	-	7-8	7-8	800
18	Malin Head	987.4	+4	N	3	c	37	92	8	8	-	-	9+	9+	2500
	Aldergrove	986.4	+8	N'E	3	c	32	92	8	5	2	-	9	10	1500
19	Birr Castle	987.6	+12	NW	1	c	35	85	8	8	1	-	7-8	9+	2500
20	Valentia Obsy. †	987.7	-2	NE'E	3	bc	41	65	9	1	-	6	1	2-3	4000
	Roches Point	987.7	+6	N	3	bc	40	75	9	1	-	-	4-6	4-6	4000

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 8 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)	989.0	+14	WSW	2	zo	43	65	6	-	4	1	0	1	-	1	*
	Croydon	988.7	+12	WSW	3	zo	43	65	6	1	4	1	1	2-3	4000	1	*
	S. Farnborough	988.7	+6	W'S	2	bc	42	65	7	-	6	5	0	2-3	-	1	*
	Boscombe Down	988.4	+4	W'S	3	bc	42	65	7	5	-	6	Tr	4-6	2500	1	*
	Calshot (Sthmtn.)	989.7	+10	SSW	3	bc	43	75	8	8	-	5	1	4-6	4000	1	2
	Lympne	990.4	+26	SWW	4	bc	41	75	8	4	4	1	1	2-3	2500	1	§ 4 *
	Manston	989.7	+24	WSW	4	bc	44	65	8	8	-	..	4-6	4-6	2500	1	*
2	Shoeburyness	989.1	+20	WSW	3	b	43	65	7	4	4	-	Tr	1	4000	1	*
	Felixstowe	988.8	+18	WSW	3	bc	44	65	7	5	7	1	2-3	4-6	4000	1	3
	Gorleston	988.0	+14	SW	2	c	44	75	6	5	-	-	9+	9+	2500	0	2
	Mildenhall	987.5	+16	WSW	3	zo	42	75	6	4	6	-	2-3	4-6	4000	1	*
	Cranwell	986.8	+20	SWW	4	zo	39	85	6	8	-	-	9+	9+	1500	1	*
3	Birmingham	987.3	+16	SSW	3	bc	38	85	8	-	1	-	0	4-6	-	1	*
4	Upper Heyford	988.5	+16	WSW	3	bc	38	75	7	5	3	-	2-3	2-3	2500	1	*
	Ross-on-Wye	987.8	+10	SWW	3	bc	38	65	7	5	7	1	1	2-3	4000	1	*
5	Portland Bill	988.4	+8	SW	3	c	45	85	7	4	7	-	4-6	9	2500	1	3
	Plymouth	988.2	-8	S	1	c	44	75	8	5	7	-	Tr	10	2500	1	2
	The Lizard	985.7	-22	E'S	4	c	43	85	8	8	2	-	9	10	1500	1	2
	Scilly (St. Mary's)	984.0	-38	ESE	5	c	43	85	8	2	2	-	4-6	10	1500	1	3
	Guernsey	990.0	-12	SSE	1	c	44	85	8	5	2	-	4-6	10	4000	1	3
6	Pembroke	986.7	+4	NE'N	2	c	37	75	7	5	6	-	4-6	7-8	2500	1	2
7	Holyhead	986.3	+10	N	2	c	38	92	8	6	2	-	4-6	10	1500	1	2 *
	Chester (Sealand)	985.5	+20	W	3	zo	40	85	6	5	-	-	10	10	2500	1	*
8	Manchester	985.2	+12	SW'S	3	zo	41	92	5	5	2	-	7-8	10	1500	1	
10	Spurn Head	985.3	+10	SW	4	c	40	92	6	5	2	-	9	10	1500	0	3 *
	Catterick	985.2	+16	NW	3	c	36	85	7	5	6	-	7-8	7-8	1500	6	
	Tynemouth	982.6	+16	NW	3	c	37	92	6	6	2	-	7-8	9+	800	1	2
11	Inchkeith	986.9	+8	WNW	3	c	33	97	7	5	-	-	10	10	1500	7	2 *
	Leuchars	986.4	+4	N	2	c	35	75	7	5	2	-	7-8	10	2500	7	*
12	Renfrew (Abbots I.)	988.7	+12	SE'E	1	iso	35	65	7	5	-	-	10	10	4000	4	*
	Eskdalemuir	986.4	+14	N	3	soso	31	92	7	5	2	-	9	10	1500	8	
	Point of Ayre	986.5	+16	NE	3	o	37	75	8	5	-	-	10	10	800	3	2
13A	Tiree	988.4	+4	ENE	4	c	37	65	8	8	3	9	4-6	7-8	2500	0	3
13B	Stornoway	991.2	+14	NNE	3	c/s	33	85	8	8	7	-	7-8	9+	2500	8	2 *
15	Dalwhinnie	989.8	+4	N	1	ss	28	85	6	8	-	-	10	10	1500	9	
	Aberdeen	986.5	+6	NNW	4	c/rs	34	92	7	6	2	-	4-6	10	1500	1	3
	Wick	988.5	0	ENE	5	c	37	65	8	8	2	-	4-6	10	1500	3	4 *
16	Lerwick	990.2	0	ENE	5	c/ps	35	85	8	8	7	5	4-6	9	1500	4	
17	Blacksod Point	989.5	0	NE	3	c	39	75	8	9	-	-	7-8	7-8	800	1	3
18	Malin Head	987.9	+2	N	3	c	37	85	8	4	3	-	7-8	9+	2500	0	2 *
	Aldergrove	987.5	+6	N'W	1	c	33	85	7	5	-	-	10	10	1500	9	
19	Birr Castle	987.5	0	NE	1	bc	37	65	8	5	-	-	4-6	4-6	2500	1	*
20	Valentia Obsy. †	987.0	-2	NE'E	4	c	38	65	8	1	1	6	1	7-8	4000	1	2
	Roches Point	986.8	-8	N	3	c	39	75	9	3	3	-	2-3	7-8	2500	1	3

PAST 24 HOURS. — Weather

District	Stations	7h.–13h. 13th (37)	13h.–18h. 13th (38)	18h. 13th–1h. 14th (39)	1h.–7h. 14th (40)
1	London (Kew)	bcc	cbczo	bcmox	crsrs
	Croydon	bcczoy	czybcyzo	bcczob	crorо
	S. Farnborough	beccy	cbcyb	bbcxc	corrmd
	Boscombe Down	bcc	cbcc	cbcc	cbrrm
	Calshot (Sthmtn.)	c	cbcb	bccromo	crRRmo
	Lympne	pPRc	cb	bcbcw	rorRRr
	Manston	bcc	cbc	bcbc	corrR
2	Shoeburyness	bcc	cbcb	bx	bxcrrc
	Felixstowe	bcc	cbc	bc	crrmo
	Gorleston	cq	czo	bcb	cozo
	Mildenhall	c	cbczo	bczob	borоrоm
	Cranwell	cmoRroro	cmoiro	cbccmo	cmox
3	Birmingham	c	c	bcc	co
4	Upper Heyford	bcc	cbc	bbcc	corrrs
	Ross-on-Wye	c	cbc	bbccmo	cos
5	Portland Bill	c	c	Rr	oR
	Plymouth	bczocy	cbcyc⊕	cpRR	oRRrrm
	The Lizard	cbc	bcpro	cRR	Rrpr
	Scilly (St. Mary's)	cbcc	cpoc	orrR	orchr/
	Guernsey	cprc	cpro	corr	orrprc
6	Pembroke	cq	c	cq	cq
7	Holyhead	idoc	iroc	cbc	bccm
	Chester (Sealand)	cmoroRro	ciromod	omoiro	cmo
8	Manchester	cmoir	cmoiro	ciromo	ciromo
10	Spurn Head	prfc	c	oc	omo
	Catterick	omorosoc	coc	c	crc
	Tynemouth	cm	c	c	cpo
11	Inchkeith	cpso	psossc	isoc	cbc
	Leuchars	os₀o	omooc	cbcx	bcx
12	Renfrew (Abbots I.)	csosoc	coiso	oisoc	cbcx
	Eskdalemuir	cksoiso	csoso	cisocx	csosox
	Point of Ayre	sso	o	oc	oc
13A	Tiree	cyc	c	c	cbc
13B	Stornoway	phsszo	pshPS	cps*q	cps
15	Dalwhinnie	ciso	cisoss		sosc
	Aberdeen	coiso	rsors	cirso	bcpso
	Wick	c	c	cpsc	cps
16	Lerwick	c	cps	coss	oss mo
17	Blacksod Point	iso	iso	bc	PRS
18	Malin Head	c	c	c	cprsv
	Aldergrove	ososoisoc	cisoc	c	cisomoc
19	Birr Castle	csosoc	cbc	bc	bccx
20	Valentia Obsy. †	bxbbc	bcc	cbcbx	bxbc
	Roches Point	cbcv	bcvcx	cvbcx	bcx

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

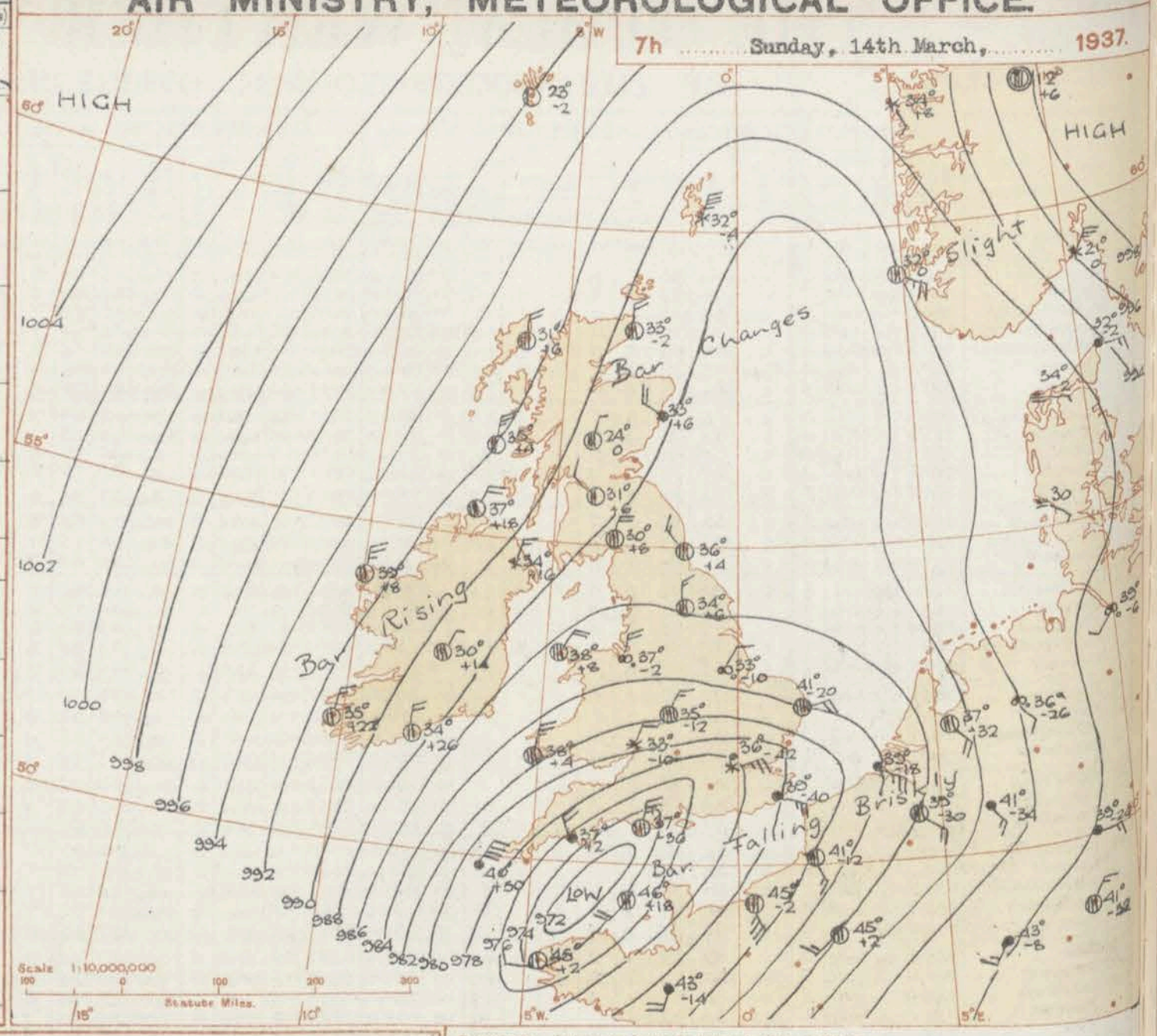
† See disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 13th March 1937.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature (°F) Min. 9h. 12th to 9h. 13th	Temperature (°F) Max. 9h.—17h. 13th	Rainfall (mm) Night. 17h. 12th to 9h. 13th	Rainfall (mm) Day. 9h.—17h. 13th	Sunshine (Hrs) Sunrise to 17h. 13th	Sunshine (Hrs) Sunrise to Sunset. 12th
1	Tunbridge W.	bcebc	bc	37	49	4	–	3·2	4·2
	Bournemouth	obc	bbc	38	50	2	–	4·8	1·8
	Ventnor ...	rcbc	bcb	40	47	4	–	5·2	4·2
	Southsea ...	bcb	b	40	50	1	–	7·3	4·0
	Bognor Regis	bc	bcb	40	47	5	–	5·4	4·6
	Littlehampton	bc	bc	40	47	7	–	4·0	5·4
	Worthing ...	cbc	bcb	40	48	6	–	5·2	4·5
	Brighton ...	bc	bcb	40	47	10	–	4·1	4·1
	Eastbourne† ...	opoc	cbcb	40	47	5	0·5	3·9	3·9
	Hastings† ...	coppr	cbcb	40	47	3	3	3·2	4·9
	Folkestone ...	orcop	orcb	39	47	3	7	1·7	5·3
	Dover ...	oirc	orbc	40	47	7	2	2·6	5·8
	Deal	crro	c	40	47	9	3	1·6	6·9
	Ramsgate ...	bcedc	c	38	47	4	0·2	3·5	5·4
	Margate ...	bcer	cbc	39	49	4	0·1	3·5	5·3
2	Southend ...	bbcc	cbc	39	48	1	–	7·0	4·8
	Maldon ...	bbc	cbc	38	49	0·3	–	5·2	3·8
	Clacton-on-Sea	bc	bc	39	47	Trace	–	6·0	4·9
	Dovercourt ...	bcy	bc	39	48	–	–	6·7	4·8
	Lowestoft ...	bbcc	cbcc	39	47	–	–	2·8	5·8
	Skegness ...	rbc	od.c	38	42	4	Trace	0·9	6·5
	Mablethorpe...	co	om.	37	43	1	–	0·2	5·3
	Cleethorpes ...	cbc	bcc	35	49	2	–	1·1	4·7
3	Leamington S.	cbc	c	38	46	2	–	0·8	1·4
4	Cheltenham†	cbc	bcc	36	43	3	–	2·7	0·5
5	Bath	c	cbc	39	44	2	–	1·0	2·0
	Weymouth ...	cb	b	41	49	0·3	–	6·8	2·7
	Jersey ...	pcbc	crc	42	48	Trace	1	1·7	3·9
	Torquay ...	bcw	bcc	38	50	0·4	–	6·7	2·4
	Penzance ...	bc	bcc	38	49	1	–	5·1	3·7
	St. Ives ...	c	c	40	46	3	–	5·5	3·2
	Bude... ...	c	bcc	41	44	2	–	2·6	1·1
	Ilfracombe ...	oco	cbc	40	43	–	–	2·0	0·5
6	Aberystwyth	prepr	prc	38	41	6	2	0·3	0·1
7	Llandudno ...	ir.	op.	37	41	1	0·5	0·0	1·3
	Colwyn Bay...	pcddd	o	38	43	3	–	0·0	0·6
	Rhyl	crc	om.dc	37	41	1	2	0·0	0·5
8	Wallasey ...	c	cbcc	38	41	Trace	–	0·0	0·3
	Southport ...	morc	ocojp	35	42	0·5	0·1	0·6	0·2
	Blackpool ...	op.	ocbcc	35	42	3	0·2	0·8	0·0
	Morecambe ...	cbcc	bbcc	35	41	2	–	0·4	0·0
9	Ilkley... ...	o	o	33	40	2	–	0·0	0·0
	Harrogate ...	air.	bcc	32	38	0·4	0·2	0·4	0·0
10	Berwick-on-T.	oss	r.r.o	32	36	8	9	0·0	0·0
11	Dunbar ...	oss	oss	31	33	10	4	0·0	0·0
12	Troon... ...	sosos	ososo	26	36	2	1	0·0	0·0
	Douglas ...	cis	bcis.	32	39	17	0·5	3·7	0·0

† 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. 14th March, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Moderate or fresh southeasterly winds, stronger on coasts, moderating and becoming variable; some rain, sleet or snow early giving place to wintry showers; rather cold.
4 W. Midlands ...	As 7 - 9.
5 S.W. England 6 South Wales ...	Fresh north to northwest wind; local wintry showers; rather cold.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	Moderate or fresh east to northeast wind; occasional sleet or snow at first giving place later to wintry showers; rather cold.
10 N.E. England 11 S.E. Scotland	Fresh east to northeast wind; cloudy at first, some sleet or snow later; cold.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland	Moderate or fresh northerly wind; bright periods with local wintry showers; cold with frost at night.
15 N. E. Scotland 16 Orkney and Shetland	Fresh northerly wind, strong at times; occasional wintry showers; cold with night frost.
17 N. W. Ireland 18 N. E. Ireland	Moderate to fresh northeasterly wind; occasional wintry showers; cold with night frost.
19 S. E. Ireland 20 S. W. Ireland	Fresh northerly wind; occasional showers with some bright periods; rather cold.

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

GENERAL INFERENCE.

A deep depression over the English Channel is moving slowly east-northeast and is gradually filling up. There will be local wintry showers in Scotland, North Ireland and North England. Over the remainder of the country there will be rain, sleet or snow at first but an improvement will spread later from the Southwest. It will continue cold in all districts.

FURTHER OUTLOOK.

Wintry showers in most districts; cold.

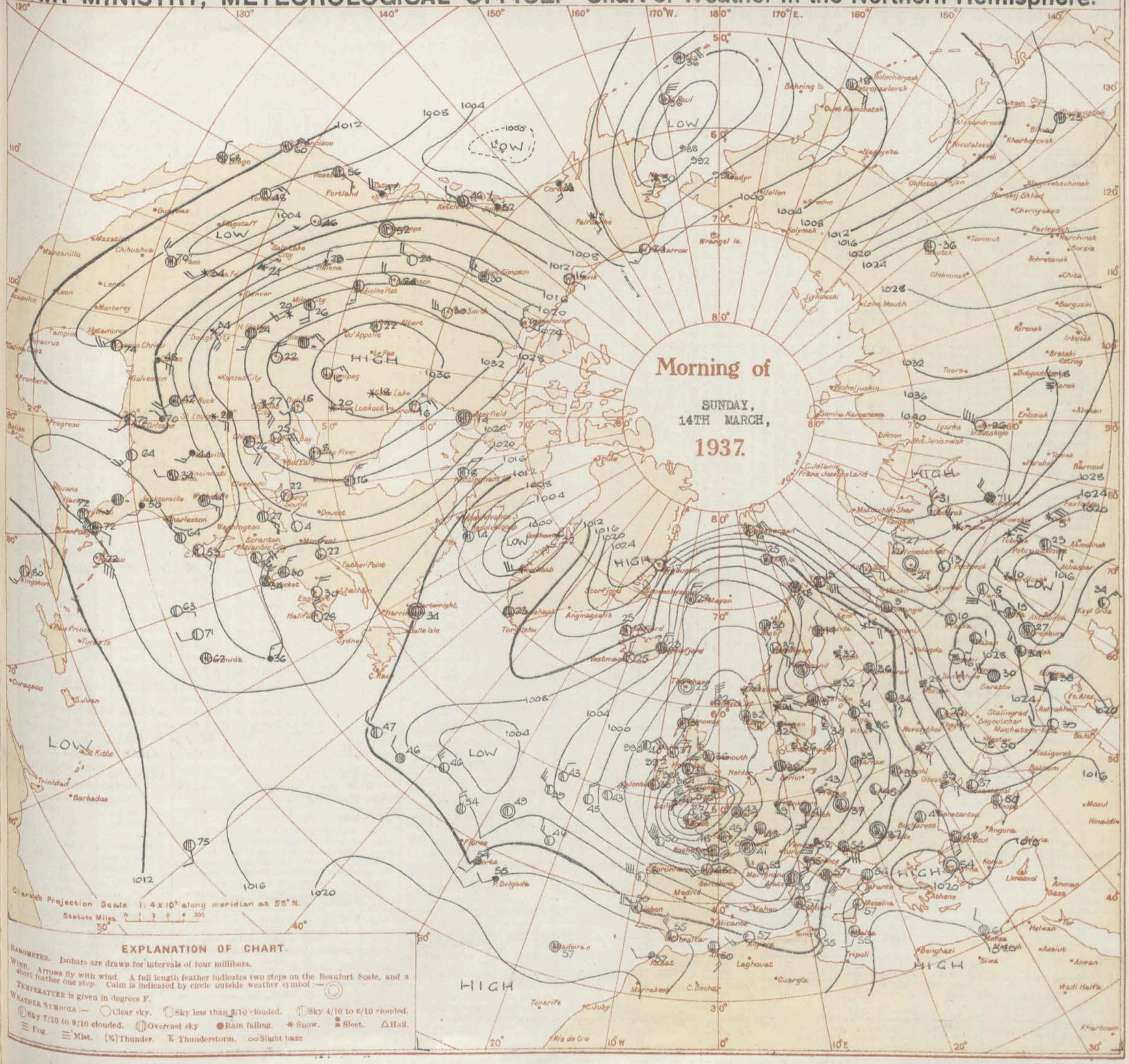
Times of issue of Gale Warnings.

South Cone hoisted 2300 on 13/3 in district 5.
" " " 0200 on 14/3 in districts 1 and 6

Forecasts issued at 1100 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

Sunday, 14th March, 1937.
No. 27506

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud Form Low (9)	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	986·3	-28	ENE	3	c	38	85	7	–	7	–	0	10	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	988·8	-22	ESE	3	bc	41	85	7	5	7	–	4-6	4-6	2500
	Manston ...	142	988·8	-14	SE'E	3	c	42	85	8	–	–	7	0	10	–
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	989·8	+6	–	0	b	35	92	6	–	–	–	0	0	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	980·0	-44	SE	4	RR	44	92	7	5	–	–	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	974·9	-48	E	6	RR	45	92	7	6	–	–	10	10	800
	Scilly (St. Mary's)	163	973·3	-46	ENE	6	rr	41	97	6	6	–	–	10	10	1500
	Guernsey ..	175	976·8	-92	E'S	5	rr	43	97	6	5	–	–	10	10	1500
6	Pembroke ...	142	982·5	-20	ENE	5	q	37	75	7	8	–	–	9+	9+	2500
7	Holyhead ...	26	985·9	-6	NE'N	3	bc	38	92	8	4	1	–	2-3	4-6	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	987·6	+10	SW	2	bc	38	92	7	5	1	–	2-3	4-6	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	986·9	+6	NW	2	c	36	85	6	9	–	–	9	9	1500
11	Inchkeith ...	190	988·6	+6	WNW	2	c	34	92	8	5	2	–	2-3	10	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	987·5	+6	E'N	3	bc	36	85	8	4	–	–	4-6	4-6	2500
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	992·1	+2	NNE	4	c/ps	31	92	8	8	7	–	4-6	7-8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	989·1	0	N	5	c	35	85	8	8	2	–	7-8	10	800
16	Lerwick ...	156	989·8	-6	ENE	7	SS	32	92	5	9	2	–	7-8	10	220
17	Blacksod Point	18	990·3	+8	N	3	bc	36	92	8	4	–	–	2-3	2-3	1500
18	Malin Head ...	84	988·9	+8	NNE	3	c	37	97	7	8	–	–	9	9	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	987·2	+2	NE'E	4	bc	36	85	8	8	–	–	2-3	2-3	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	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)	977·8	-40	ENE	5	rS	36	97	6	6	2	–	10	10	800	2	*
	Croydon ...	977·7	-42	ENE	5	rS	36	97	6	6	2	–	7-8	10	800	1	*
	S. Farnborough	976·2	-38	ENE	4	r₀r₀	37	92	6	6	2	–	9	10	450	2	*
	Boscombe Down	975·2	-38	NE	5	rr	36	97	6	6	2	–	9+	10	450	1	*
	Calshot (Sthmtn.)	972·4	-42	NE'N	5	ir₀	40	97	6	6	2	–	9	10	800	1	4
	Lympne ...	979·3	-40	E'S	5	rr	39	92	5	6	–	–	10	10	220	1	3
	Manston ...	979·6	-42	E'N	5	rr	40	92	6	6	–	–	10	10	800	1	
2	Shoeburyness ...	980·0	-28	E	6	rr	39	92	6	6	2	–	9+	10	800	1	*
	Felixstowe ...	982·0	-56	E'N	5	rr	41	85	6	6	2	–	7-8	10	450	1	3
	Gorleston ...	984·5	-20	ENE	4	o	41	92	6	6	–	–	10	10	2500	0	2
	Mildenhall ...	981·9	-30	ENE	4	r₀r₀	38	97	5	–	2	–	10	10	800	1	*
	Cranwell ...	985·4	-10	NE	2	Z₀	33	97	5	5	–	–	9+	9+	2500	1	*
3	Birmingham ...	982·7	-12	NE	3	o	35	92	5	6	–	–	10	10	800	1	*
	Upper Heyford	980·1	-26	NE	4	s₀s₀	34	97	4	6	–	–	10	10	450	1	*
4	Ross-on-Wye	981·0	-10	NNE	4	SS	33	97	4	6	–	–	10	10	800	4	*
5	Portland Bill ...	971·6	-36	NNE	5	o/r	37	92	7	5	–	–	10	10	1500	2	4
	Plymouth ...	976·6	+2	NNW	4	ir₀	37	85	6	6	7	–	4-6	10	800	1	2
	The Lizard ...	977·6	+28	N'W	6	pr₀	37	92	8	8	2	–	9	10	1500	1	4
	Scilly (St. Mary's)	979·3	+50	NNE	8	rr	40	92	6	6	–	–	10	10	1500	1	4
	Guernsey ..	973·4	+18	SW'S	4	c	46	85	8	8	–	–	9	9	2500	1	4
6	Pembroke ...	982·0	+4	NNE	5	q	38	85	7	5	2	–	7-8	9+	2500	1	2
7	Holyhead ...	984·9	+8	NE	4	u	38	97	4	5	2	–	9	10	450	1	2
	Chester (Sealand)	984·9	-2	N'E	4	Z₀	37	85	6	5	–	–	10	10	2500	1	*
8	Manchester ...	985·2	-4	NE'N	3	z₀	35	92	6	5	7	–	7-8	10	1500	1	*
10	Spurn Head ...	985·8	-4	NE'E	3	Z₀	39	92	5	5	2	–	7-8	10	2500	0	2
	Catterick ...	987·0	+6	N	3	c	34	92	7	5	3	5	4-6	7-8	2500	7	*
	Tynemouth ...	987·4	+4	NW	3	c/pr	36	85	6	–	2	–	9	9	1500	1	2
11	Inchkeith ...	989·0	+4	NNW	2	bc	31	97	8	5	–	–	2-3	2-3	4000	8	1
	Leuchars ...	988·8	+6	NW	2	bc	31	75	9	5	–	–	4-6	4-6	2500	4	*
12	Renfrew (Abbotsl.)	989·8	+6	NNW	2	bc	31	75	8	5	–	–	4-6	4-6	4000	5	*
	Eskdalemuir ...	988·7	+8	NNE	4	c	30	85	8	5	3	–	7-8	9	800	8	*
	Point of Ayre...	987·1	+12	E'N	4	c	37	85	7	2	7	–	4-6	9	1500	1	3
13A	Tiree ...	991·2	+4	N	5	bc	35	85	8	2	3	–	2-3	4-6	4000	0	3
13B	Stornoway ...	992·9	+6	N	4	c	31	97	8	3	7	–	4-6	7-8	1500	7	2
15	Dalwhinnie ...	*	0	NNE	1	c	24	85	7	4	6	–	2-3	7-8	2500	9	*
	Aberdeen ...	988·2	+6	NW'W	4	ps₀	33	75	7	8	3	–	2-3	4-6	1500	1	2
	Wick ...	988·9	-2	N	4	c/ps	33	97	8	5	7	–	7-8	10	800	4	3
16	Lerwick ...	989·0	-4	NNE	7	SS	32	92	5	6	–	–	10	10	220	7	*
17	Blacksod Point	993·4	+8	N	5	bc	39	85	8	9	–	–	4-6	4-6	1500	4	4
18	Malin Head ...	991·2	+18	NE	4	jp	37	97	8	9	2	–	7-8	9+	2500	4	2
	Aldergrove ...	989·3	+16	NNE	3	is₀	34	92	6	5	–	–	10	10	800	9	*
19	Birr Castle ...	989·1	+14	NE	1	c	30	97	8	5	1	–	7-8	10	2500	3	*
20	Valentia Obsy. †	991·3	+22	NNE	3	bc	35	75	8	1	–	–	2-3	2-3	2500	3	2
	Roches Point	988·2	+26	N	4	bc	34	85	8	5	–	5	2-3	4-6	2500	1	3

PAST 24 HOURS.

District	Stations	Temperature Max. Day 7h–18h °F. (31)	Temperature Min. Night 18h–7h °F (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 1937 Hrs. (36)
1	London (Kew)	46	36	25	–	7	5·1
	Croydon ...	48	36	33	–	7	5·9
	S. Farnborough	48	36	33	–	9	6·7
	Boscombe Down	45	35	27	Tr	13	4·5
	Calshot (Sthmtn.)	49	39	38	–	15	5·6
	Lympne ...	47	36	33	3	8	2·7
	Manston ...	48	33	27	–	8	4·2
2	Shoeburyness ...	50	37	26	–	4	5·2
	Felixstowe ...	47	35	24	–	0·3	7·0
	Gorleston ...	47	35	32	–	–	2·0
	Mildenhall ...	45	33	30	–	0·5	0·7
	Cranwell ...	41	31	27	3	–	0·3
3	Birmingham ...	39	33	29	–	–	0·0
	Upper Heyford	46	32	32	–	5	*
4	Ross-on-Wye	42	33	25	–	1	1·5
5	Portland Bill ...	47	35	*	–	15	*
	Plymouth ...	47	37	36	–	20	5·6
	The Lizard ...	49	36	*	0·1	37	*
	Scilly (St. Mary's)	49	39	*	0·1	30	4·5
	Guernsey ..	49	43	41	2	9	2·5
6	Pembroke ...	40	35	*	–	–	0·0
7	Holyhead ...	41	36	32	0·2	–	0·0
	Chester (Sealand)	43	36	33	3	0·1	0·1
8	Manchester ...	41	35	30	Tr	0·1	0·0
10	Spurn Head ...	44	35	*	0·2	–	0·7
	Catterick ...	39	33	30	0·2	0·4	1·7
	Tynemouth ...	39	34	32	–	Tr	0·0
11	Inchkeith ...	34	30	25	0·1	0·3	0·0
	Leuchars ...	35	31	21	Tr	–	0·0
12	Renfrew (Abbotsl.)	36	30	21	0·1	Tr	0·0
	Eskdalemuir ...	33	30	28	0·1	Tr	0·0
	Point of Ayre...	37	32	*	6	0·1	0·0
13A	Tiree ...	40	34	33	–	–	1·9
13B	Stornoway ...	37	30	*	5	4	2·5
15	Dalwhinnie ...	30	22	21	1	1	0·2
	Aberdeen ...	34	30	30	1	0·3	0·0
	Wick ...	37	33	*	–	0·1	*
16	Lerwick ...	36	30	*	Tr	2	2·4
17	Blacksod Point	40	32	*	Tr	1	*
18	Malin Head ...	37	35	*	–	1	0·4
	Aldergrove ...	33	31	30	0·4	0·1	0·0
19	Birr Castle ...	38	27	18	0·3	–	1·3
20	Valentia Obsy. †	43	33	29	Tr	Tr	7·8
	Roches Point	40	32	*	–	–	*

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	bcc	cbcz₀	bcmxrs	46	36	25	–	7	5·1	•	•	6
Croydon ...	217	bccz₀y	czybcyz	bccz₀bc	48	36	33	–	7	5·9	•	•	4
Greenwich (Royal Observatory) ...	149	cy	cyb	bxchrr	48	35	27	–	8	4·8	58	95	5
City (Bunhill Row) ...	—	•	•	•	•	•	•	•	•	3·7	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	48	35	30	8		4·5	56	93	•
Regents Pk. (Botanic Gardens)‡ ...	158	•	•	•	46	34	38	–	9	3·7	65	95	•
Camden Square ...	110	bcc	cbc	•	47	34	29	–	9	•	•	94	•
Kensington ...	80	bc	bc	•	47	35	30	–	9	4·5	55	95	•
Hampstead Observatory ...	450	bc	bc	ors	46	31	27	–	7	4·5	•	98	•

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

South Kensington Max.	Time.	Min.	Time.
0·6	19h 13th	<0·3	5-7h 14th

Kew Observatory Max.	Time.	Min.	Time.
0·4	19h 13th	<0·1	5-6h 14th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. March 13th Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. March 14th Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris ...	995·8	WSW	3	c	45	983·4	SW	3	c	45	46	39	9	6
Brussels ...	991·3	WSW	3	o	41	982·6	SE	4	c/r	39	45	36	2	3
Berlin ...	994·8	SE	3	c	50						55		–	
Zurich ...	1001·0	WSW	4	bc	46	992·0	SSE	1	c	39	48	37	1	Tr.
Rome ...	1015·5	SSE	5	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 I.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 15th March, 1937.
No. 27507

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	°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)	978.4	+16	N	4	o/r	37	92	5	5	-	-	10	10	800
	Croydon	977.5	+12	N'W	3	rf	43	92	2	-	-	-	10	10	<150
	S. Farnborough	978.5	+24	N	2	roro	37	97	5	-	2	-	10	10	450
	Boscombe Down	979.0	+44	N'E	6	is	33	97	9	-	-	-	10	10	<150
	Calshot (Sthmtn.)	976.4	+30	ENE	3	c/r	45	92	6	9	7	-	7-8	10	800
	Lympne	978.4	+2	SE	3	c	47	85	7	8	6	3	7-8	9	2500
	Manston	978.0	-4	SE	4	pro	45	85	7	9	1	-	9	10	1500
2	Shoeburyness	978.0	+2	SSE	2	c	49	75	8	8	7	-	4-6	7-8	2500
	Felixstowe	979.7	-2	E'S	2	zo	46	97	6	6	1	-	7-8	9+	1500
	Gorleston	981.9	-18	NE	3	roro	40	97	5	6	-	-	10	10	800
	Mildenhall	980.4	-2	NE'N	5	rs	37	97	6	6	-	-	10	10	800
	Cranwell	984.4	+2	NE'N	4	ss	35	97	5	6	2	-	9+	10	800
3	Birmingham	984.4	+8	NNE	4	iro	36	97	4	6	2	-	4-6	10	1500
	Upper Heyford	981.4	+20	N'E	4	iso	34	97	5	6	-	-	10	10	450
4	Ross-on-Wye	984.7	+20	N	4	o	38	85	6	6	-	-	10	10	1500
5	Portland Bill	979.2	+60	NNE	5	iro	38	92	6	5	-	-	10	10	1500
	Plymouth	985.7	+56	NNW	5	c/r	43	75	6	5	-	3	4-6	9	1500
	The Lizard	988.0	+60	NW	6	c	44	75	7	8	7	-	7-8	9	1500
	Scilly (St. Mary's)	990.7	+52	NNW	6	c	42	75	7	8	6	-	7-8	9	1500
	Guernsey	981.8	+66	NW'N	7	q	41	85	6	5	-	-	10	10	1500
6	Pembroke	986.7	+20	NNE	4	q	42	75	5	5	2	-	7-8	10	2500
7	Holyhead	988.9	+24	N'E	5	c	40	85	8	5	7	-	7-8	9+	2500
	Chester (Sealand)	986.9	+16	N'W	4	dodo	41	75	5	-	2	-	10	10	2500
8	Manchester	986.5	+14	N'E	4	c	40	75	7	5	2	-	4-6	10	2500
10	Spurn Head	984.4	0	ENE	4	rr	38	97	6	5	2	-	7-8	10	1500
	Catterick	987.5	+10	NW	4	iro	36	85	7	5	2	-	9+	10	1500
	Tynemouth	987.2	+8	N	6	iro	38	85	7	6	2	-	7-8	10	800
11	Inchkeith	999.0	+6	NNW	3	c	38	85	8	8	5	-	2-3	7-8	2500
	Leuchars	989.9	+6	NW	2	bc	41	55	9	7	-	-	2-3	2-3	2500
12	Renfrew (Abbots I.)	991.3	+6	NNE	3	c	43	55	9	8	-	-	7-8	7-8	4000
	Eskdalemuir	990.0	+8	N'E	3	c	35	75	9	7	-	2	Tr	7-8	4000
	Point of Ayre	990.2	+14	NE	4	bc	40	65	8	1	4	-	1	4-6	4000
13A	Tiree	994.4	+12	N'E	6	bc	40	45	9	2	-	-	2-3	2-3	2500
13B	Stornoway	995.6	+12	NNE	4	bc	36	65	9	5	7	-	2-3	4-6	4000
15	Dalwhinnie	993.6	+6	NW	1	c	32	85	7	5	6	-	9	10	2500
	Aberdeen	989.6	+6	NW	5	c/pr	38	85	7	8	3	-	7-8	7-8	1500
	Wick	990.4	+10	NNW	5	rs	35	97	7	5	2	-	9	10	800
16	Lerwick	989.6	+4	NE	6	rs	35	97	6	6	-	-	10	10	800
17	Blacksod Point	999.0	+22	N	5	bc	40	92	8	9	-	-	4-6	4-6	1500
18	Malin Head	994.3	+20	N	3	bc	39	85	8	2	-	-	4-6	4-6	2500
	Aldergrove	992.5	+18	N'W	4	b	36	65	8	7	-	1	1	1	2500
19	Birr Castle	993.4	+22	NW	1	c	40	75	8	8	-	-	7-8	7-8	2500
20	Valentia Obsy. †	997.9	+38	N'W	5	bc	44	55	9	7	3	5	4-6	4-6	2500
	Roches Point	994.1	+36	N	5	bc	40	85	8	3	4	-	4-6	4-6	2500

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud Form Low (23)	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)	985.8	+60	NW	4	o/r	37	92	6	5	-	-	10	10	800	2	*
Croydon	985.4	+56	NW'N	4	rr	37	85	5	6	2	-	9	10	800	1	*
S. Farnborough	987.1	+60	NW'N	4	iro	36	97	5	6	2	-	9	10	800	2	*
Boscombe Down	988.8	+60	NW	4	rofo	36	92	6	6	2	-	9+	10	450	1	*
Calshot (Sthmtn.)	988.0	+18	NW'W	5	c/r	38	92	6	8	2	-	4-6	10	800	1	§3
Lympne	982.3	+36	NW'N	4	zo	40	85	6	5	-	-	10	10	450	1	2
Manston	981.1	+30	NW'W	4	iro	41	92	6	6	2	-	9	10	450	1	*
Shoeburyness	982.1	+30	NW'N	4	s/r	38	85	8	5	-	-	10	10	1500	1	*
Felixstowe	981.4	+20	NW	4	iro	41	97	6	6	2	-	9	10	450	1	3
Gorleston	980.9	+6	NW'N	4	roro	41	92	5	6	-	-	10	10	1500	1	3
Mildenhall	984.1	+30	NNW	5	roro	37	97	6	6	2	-	9+	10	800	1	*
Cranwell	986.9	+26	NW'N	4	dd	37	92	5	6	2	-	9	10	450	1	*
Birmingham	989.8	+38	NNW	4	rs	35	92	5	6	-	-	10	10	450	1	*
Upper Heyford	988.2	+42	NW	4	roro	36	97	5	5	-	-	10	10	800	1	*
Ross-on-Wye	991.2	+30	NNW	3	e	37	85	8	5	5	1	1	9+	2500	1	*
Portland Bill	990.2	+68	NNW	5	c	42	85	7	4	-	-	10	10	2500	2	4
Plymouth	993.3	+48	NW'N	3	zo	43	75	6	5	4	-	2-3	7-8	4000	1	2
The Lizard	995.5	+40	NW'W	6	c	40	85	8	8	6	-	7-8	9	1500	1	4
Scilly (St. Mary's)	997.7	+40	NNW	5	prs	39	85	7	8	6	-	7-8	9+	1500	1	3
Guernsey	992.7	+50	NW'N	4	c	44	75	6	8	3	-	4-6	7-8	2500	1	4
Pembroke	992.7	+30	N'W	6	q	39	85	6	5	7	-	4-6	9+	2500	1	3
Holyhead	993.4	+30	NNW	5	c	39	85	9	8	4	6	4-6	7-8	2500	1	3
Chester (Sealand)	990.9	+30	NW'W	4	c	39	75	7	5	-	-	9+	9+	4000	1	*
Manchester	990.3	+22	N'W	4	ido	37	85	6	6	2	-	4-6	10	800	1	
Spurn Head	986.6	+14	N	3	rr	38	97	6	5	-	-	10	10	800	1	3 *
Catterick	989.7	+20	NW'N	4	rs	35	85	6	6	2	-	4-6	10	800	4	
Tynemouth	988.0	+6	N	6	c	39	75	7	6	2	-	7-8	10	800	1	2
Inchkeith	993.2	+10	N	3	c	38	85	8	8	-	-	9	9	2500	6	1
Leuchars	991.7	+8	NNW	3	c	38	65	9	5	-	-	7-8	7-8	2500	4	*
Renfrew (Abbots I.)	994.3	+18	NNW	3	c	37	65	9	5	2	-	4-6	10	5700	1	*
Eskdalemuir	991.6	+10	N'E	4	c	34	85	8	5	-	2	7-8	7-8	2500	8	*
Point of Ayre	993.0	+16	N'E	5	bc	38	75	8	-	8	-	0	4-6	-	1	3
Tiree	997.0	+16	N'W	6	bc	36	65	9	8	8	-	4-6	4-6	2500	0	4
Stornoway	997.3	+14	NNW	3	bc/pso	35	75	9	8	-	-	4-6	4-6	4000	6	2 *
Dalwhinnie	995.5	+8	N	3	c	31	85	7	5	6	-	9	10	2500	9	
Aberdeen	990.7	+6	NW	5	prso	35	92	6	9	3	-	9	9+	1500	1	2
Wick	992.6	+14	NW	5	ss	33	92	4	5	-	-	10	10	800	4	3 *
Lerwick	990.8	+6	NNE	6	rs	35	97	6	6	-	-	10	10	450	4	
Blacksod Point	1001.2	+22	NW	4	bc	38	65	8	9	-	-	4-6	4-6	800	1	3
Malin Head	997.7	+20	NNW	5	bc	39	85	8	2	-	-	4-6	4-6	2500	0	3 *
Aldergrove	995.5	+26	NNW	4	jp	37	65	8	8	-	-	4-6	4-6	2500	6	
Birr Castle	997.8	+24	N	1	bc	40	55	8	2	-	-	2-3	2-3	2500	1	*
Valentia Obsy. †	1002.5	+26	N'E	4	bc	41	55	9	2	7	1	2-3	2-3	2500	1	2
Roches Point	999.9	+42	N	5	bc/ps	40	75	8	3	-	-	4-6	4-6	2500	1	3

PAST 24 HOURS. Weather.

Stations	7h.—13h. 14th (37)	13h.—18h. 14th (38)	18h. 14th to 1h. 15th (39)	1h.—7h. 15th (40)
London (Kew)	rsrrfc	crorocmo	irocmo	bc
Croydon	rsorrroro	ofroprmo	crdcroroqc	c,bbciso
S. Farnborough	rsrromo	rsroso o	rodocb	bxbcc
Boscombe Down	rrirsis	iscrorom	crcro,bcc	bbc
Calshot (Sthmtn.)	crorom	rsrsrom	cmob	b
Lympne	orrroc	bcproqc	circmo	cmobcc
Manston	orocpro	procprpmo	oicmoq	oirb
Shoeburyness	cmorrc	ciroc	ciroc	cmo
Felixstowe	rrroroc	roroiro	ciroircmo	cmo
Gorleston	orrro	ororrm	oroq	bq
Mildenhall	rorcrrrs	sosossroro	crocoo	proroso
Cranwell	rrrsrsrso	rsorsro	roroorr	moc
Birmingham	croso	ororo	orsoc	cpsobc
Upper Heyford	ossiso	osososrsro	oroc	cpsov
Ross-on-Wye	srso	oroc	cbcb	b
Portland Bill	oirozo	iroc	bc	bc
Plymouth	crorqiro	cbczo	bccprzo	cz,cxbc
The Lizard	prcq	cprq	prqbc	bc
Scilly (St. Mary's)	roropoc	cprsq	lpoqbc	bc
Guernsey	corrq	oqc	corR	cbc
Pembroke	cqmoc	cmoirPHRq	bcbq	bcqe
Holyhead	mproc	c	rosomoqc	cbc
Chester (Sealand)	cmoodzo	ozoddc	cb	bcPHprho
Manchester	cmoc	cdodoZsido	cbcmo	bcmobc
Spurn Head	morr	orr	rroq	cq
Catterick	cmociro	roomroso	oroso c	c
Tynemouth	coiro	coiroo	oiro	coss
Inchkeith	bcc	c	c	c
Leuchars	bcxbc	bcyc	c	c
Renfrew (Abbots I.)	bcbyc	cypsoo	cb	boc
Eskdalemuir	bcc ⊕	cpsoc		isoososo
Point of Ayre	cbc	bc	psbc	psobc
Tiree	isobc	bbc	bccps	cbc
Stornoway	cbc	bcypso	bcbbc *	bc
Dalwhinnie	ciso	ciso		ciso
Aberdeen	psopr	cpro	cprso	cpsho
Wick	crsrs	orsss	osso	c
Lerwick	ossmo	orsmo	cmo	cpso
Blacksod Point	PHSq	PSq	iS	iro
Malin Head	cphro	bc	cbcc	bc
Aldergrove	csosomb	b cpso	bcpsob	bx
Birr Castle	c	cphbcy	bc	bcx
Valentia Obsy. †	cbcy	bcy	phoirs	phroc
Roches Point	bcxbc	cpsobc	bcbx	bcx

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

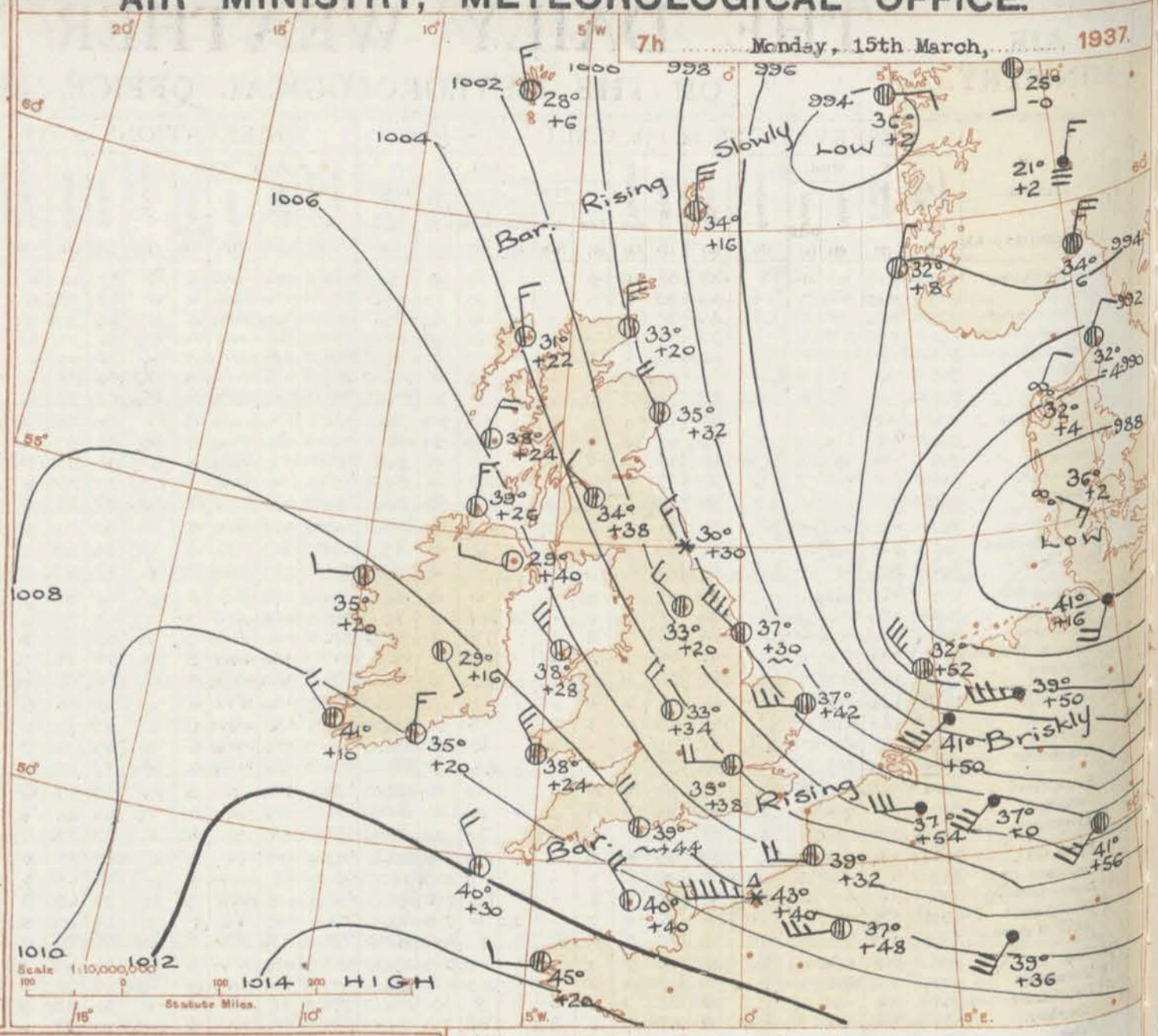
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 14th March 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.	orhc	corm	34	50	16	2	1·9	3.2
	Bournemouth	rrr	rsroo	·37	39	19	6	0.0	5·1
	Ventnor ...	or	orsr	40	45	17	1	0.0	5·2
	Southsea ...	oro	oor	39	49	21	1	0.0	7.3
	Bognor Regis	ccbc	bccor	40	47	16	0.3	0·3	5.5
	Littlehampton	bc	bcc	40	50	15	-	1.2	4.3
	Worthing ...	cbc	cr	40	49	13	1	0.8	5.3
	Brighton ...	cbb	bcpc	40	49	10	Trace	1.7	4.4
	Eastbourne† ...	cbcc	cor	41	51	11	0.5	3.6	4.1
	Hastings† ...	bcbc	cbcco	40	52	10	-	3.8	3.6
	Folkestone ...	oroc	cbohr	39	50	8	4	2.7	1.7
	Dover ...	cbcor	ro bc	40	50	7	2	1.8	2.6
	Deal	rrcbc	rcbcc	36	50	6	2	3.1	1.6
	Ramsgate ...	rcdbc	rcrc	40	48	8	2	2.0	3.5
	Margate ...	cbc	bccp	39	50	8	3	1.5	3.5
2	Southend ...	orbc	bco	37	49	8	3	1.3	7.0
	Maldon ...	orr	coir	33	49	12	1	0.1	5.2
	Clacton-on-Sea	orc	cbcc	38	46	9	3	1.6	6.0
	Dovercourt ...	roc	bcroc	37	42	7	1	1.1	6.7
	Lowestoft ...	cr	cbccr	34	43	2	8	0.5	2.8
	Skegness ...	orr	rr	35	46	-	10	0.0	0.9
	Mablethorpe...	oro	oro	34	39	-	7	0.0	0.2
	Cleethorpes ...	cor	orc	35	40	-	2	0.0	1.1
3	Leamington S.	os	or	32	38	3	10	0.0	0.8
4	Cheltenham†	moff	ofirm	32	38	14	8	0.0	2.7
5	Bath	ssr	mcr	34	39	17	5	0.0	1.2
	Weymouth ...	rrc	c	36	40	19	4	0.0	6.8
	Jersey ...	cpcr	cbc	42	46	7	0.3	0.3	1.7
	Torquay ...	orpqc	cbcz	35	45	25	1	0.4	6.8
	Penzance ...	rccbc	bccp	39	46	34	0.4	2.0	5.1
	St. Ives ...	pr	pr	38	44	21	2	0.9	5.5
	Bude... ...	rc	cbcc	35	44	13	2	1.4	2.6
	Ilfracombe ...	ror	oro	36	45	11	0.5	0.0	2.0
6	Aberystwyth	zc	cbcc	34	42	-	-	0.8	0.3
7	Llandudno ...	c	c	34	41	-	-	0.1	0.0
	Colwyn Bay...	c	cocbc	34	41	-	-	0.0	0.0
	Rhyl	c	cbc	34	41	Trace	-	0.0	0.0
8	Wallasey ...	c	c	35	41	0.3	-	0.0	0.0
	Southport ...	oco	oc	34	42	-	-	0.0	0.6
	Blackpool ...	c	cpc	34	41	-	Trace	0.0	0.8
	Morecambe ...	c	c	33	40	-	-	0.0	0.4
9	Ilkley... ...	od,d	od,d	29	37	-	0.1	0.0	0.0
	Harrogate ...	co	osrs	30	35	-	2	0.0	0.4
10	Berwick-on-T.	o	o	32	39	2	-	0.0	0.0
11	Dunbar ...	bcs,	bc	32	39	1	-	0.8	0.0
12	Troon... ...	cbbcb	bcosc	39	42	-	Trace	5.0	0.0
	Douglas ...	cis,	bcis,	32	40	Trace	Trace	5.2	3.7

† 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. 15th March, 1937.
1 S.E. England 2 E. England ...	Moderate to light westerly or variable winds; bright periods, a few scattered wintry showers; local morning fog; cold; night frost.
3 E. Midlands ...	Moderate northwesterly to variable winds; occasional snow at first, mainly fair later; cold; night frost.
4 W. Midlands ...	As 1.
5 S.W. England 6 South Wales ... 7 North Wales ...	Moderate westerly winds, backing and freshening; bright and showery periods at first, cloudy with rain later; cold with local night frost then milder.
8 N.W. England 9 N. Midlands ...	As 1.
10 N.E. England 11 S.E. Scotland	As 2.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland	Variable winds, light, freshening; bright periods with showers at first; cloudy later with occasional sleet or snow at times; visibility poor locally; rather cold; night frost.
15 N. E. Scotland 16 Orkney and Shetland	As 2.
17 N. W. Ireland 18 N. E. Ireland	As 12 - 14.
19 S. E. Ireland 20 S. W. Ireland	Light variable winds, freshening from south or southeast becoming strong at times; bright periods at first, cloudy with rain later; rather cold with night frost then milder.

GENERAL INFERENCE.

A depression over Denmark is moving northeastwards and another is approaching Ireland from the Atlantic. A brief mainly bright period with a few scattered wintry showers will occur generally but later cloudy weather with rain or sleet at times will set in over southwestern districts and gradually extend eastwards.

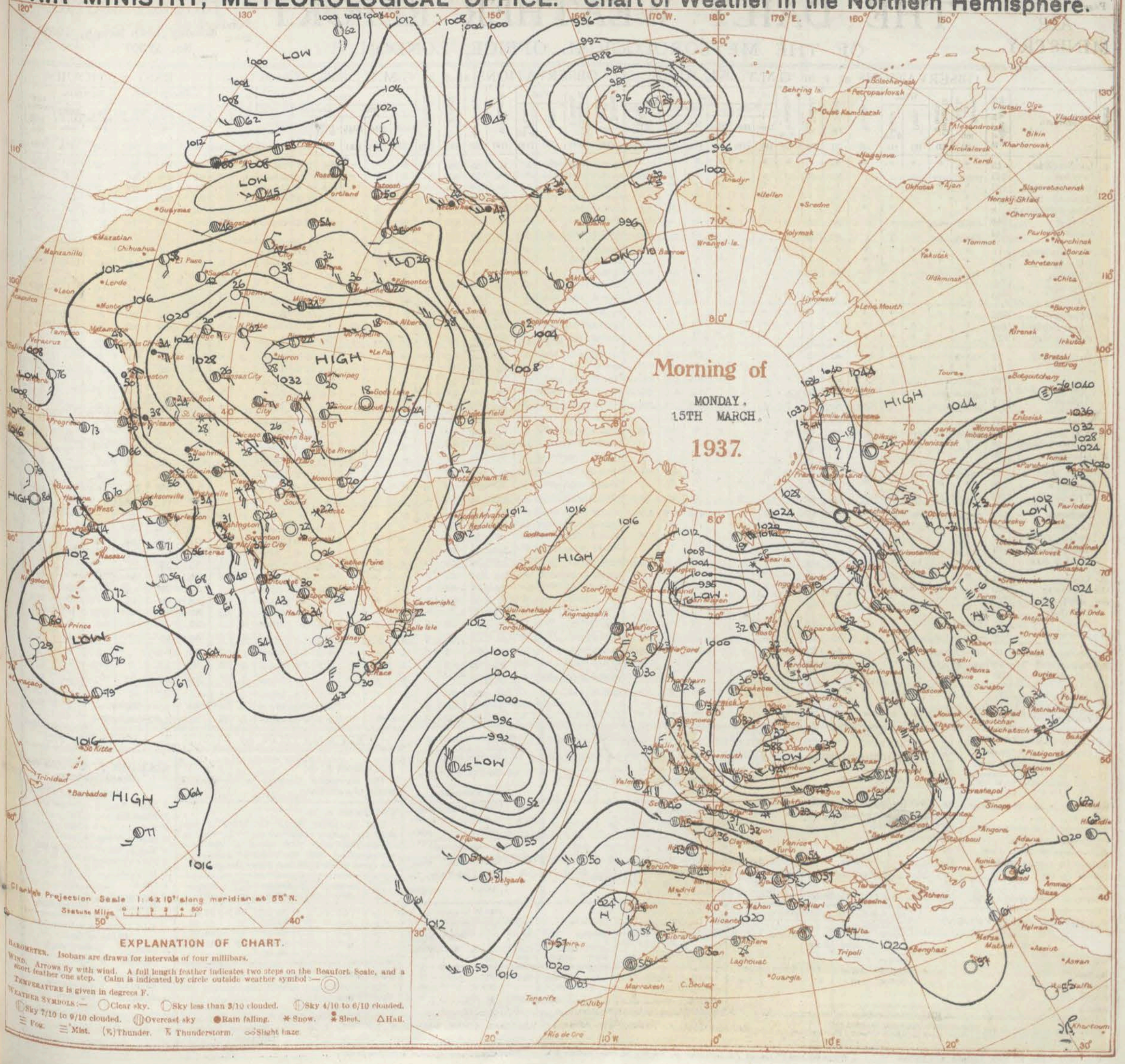
FURTHER OUTLOOK.

Milder temporarily with rain at times in the South, sleet in the North.

Forecasts issued at 1025 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

Monday, 15th March, 1937.
No. 27507

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	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	997.0	+42	W	4	c	37	85	7	5	–	–	9+	9+	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	995.9	+40	WNW	4	c	37	75	6	5	–	–	10	10	1500
	Manston ...	142	994.3	+50	W	5	q	38	85	7	9	–	–	9	9	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	990.4	+48	NNW	5	o/r	37	92	6	6	–	–	10	10	1500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1000.3	+40	NW	4	bc	40	92	8	4	–	–	2-3	2-3	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1005.4	+34	WNW	4	bc	39	65	8	3	–	–	2-3	2-3	2500
	Scilly (St. Mary's)	163	1006.4	+32	NW/N	5	bc	41	65	8	2	–	–	4-6	4-6	2500
	Guernsey ..	175	1003.1	+54	NW	4	c/r	40	85	7	8	–	–	7-8	7-8	2500
6	Pembroke ...	142	1002.2	+34	NW	6	q	38	75	8	5	6	–	Tr	1	4000
7	Holyhead ...	26	999.8	+30	NNW	6	c	39	85	6	9	–	–	9	9	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	991.3	+22	NW	6	q	38	92	7	5	–	–	10	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	992.9	+20	N	5	c/r	36	85	7	–	2	–	10	10	800
11	Inchkeith ...	190	996.6	+12	SW	4	c	34	97	8	8	2	–	4-6	7-8	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	998.8	+22	N	5	bc	38	65	8	4	–	–	2-3	2-3	4000
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1000.7	+18	NNW	3	bc	30	92	8	3	7	–	2-3	4-6	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	996.1	+10	N	5	o	36	85	6	5	–	–	10	10	800
16	Lerwick ...	156	994.0	+14	NNE	7	o	34	92	6	6	–	–	10	10	450
17	Blacksod Point	18	1004.7	+16	W	2	c	36	92	8	9	–	–	7-8	7-8	800
18	Malin Head ...	84	1002.2	+22	NW	2	c	36	97	7	8	–	–	7-8	7-8	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1007.6	+10	–	0	b	36	97	8	–	–	–	0	0	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1005.0	+38	W'S	3	c	36	75	8	5	–	–	7-8	7-8	1500	2	*
Croydon	1004.4	+38	W'N	4	c/s	35	85	7	5	7	–	4-6	9+	2500	1	*
S. Farnborough	1006.3	+42	W'N	3	bc	34	85	8	5	3	1	2-3	4-6	2500	2	*
Boscombe Down	1006.9	+40	W	4	bc	32	85	7	5	7	–	2-3	2-3	1500	1	*
Calshot (Sthmtn.)	1006.9	+42	W	4	b	35	85	8	–	7	–	0	1	–	1	2
Lympne	1004.2	+42	W	4	c	33	85	8	5	4	3	4-6	7-8	4000	1	§3
Manston	1002.5	+40	W	4	b	35	85	7	–	3	1	0	1	–	1	*
Shoeburyness	1002.7	+32	W	4	c	36	85	6	5	7	–	7-8	9+	2500	1	*
Felixstowe	1001.3	+40	W	5	z_o	37	85	6	5	2	–	9	10	800	1	3
Gorleston	999.0	+42	W	5	o	37	85	6	6	–	–	10	10	2500	1	3
Mildenhall	1001.6	+44	W	4	c/s	34	97	5	–	2	–	0	10	–	1	*
Cranwell	1001.6	+40	WN	4	c	35	75	6	5	2	–	9	9+	2500	1	*
Birmingham	1005.4	+34	WNW	4	bc	33	85	6	5	–	1	1	2-3	1500	1	*
Upper Heyford	1005.0	+42	WNW	4	bc	33	85	8	5	–	9	1	2-3	1500	4	*
Ross-on-Wye	1006.5	+30	WNW	3	b	35	75	9	2	–	1	Tr	Tr	4000	3	*
Portland Bill	1007.6	+44	NW	4	bc	39	92	8	4	–	–	2-3	2-3	2500	2	4
Plymouth	1010.2	*	W	1	bc	36	75	8	8	–	–	4-6	4-6	2500	1	2
The Lizard	1010.3	+28	WNW	3	bc	39	65	8	8	–	–	2-3	2-3	2500	1	3
Scilly (St. Mary's)	1011.1	+30	NW'N	4	bc	40	65	8	8	6	–	4-6	4-6	2500	1	3
Guernsey	1010.5	+40	NW	4	bc	40	65	8	1	–	–	2-3	2-3	2500	1	4
Pembroke	1007.6	+24	NW	5	c	38	65	8	8	2	–	4-6	7-8	2500	1	3
Holyhead	1005.4	+28	NW'W	5	bc	38	92	8	2	–	–	4-6	4-6	2500	1	3
Chester (Sealand)	1004.4	+32	WNW	3	c/phr	39	85	7	8	–	–	7-8	7-8	2500	4	*
Manchester	1003.4	+30	WNW	2	bc	32	75	7	8	3	5	2-3	4-6	2500	1	*
Spurn Head	998.3	+30	WNW	7	q	37	75	7	6	2	–	4-6	7-8	2500	0	5
Catterick	1000.9	+20	WNW	3	c	33	65	8	8	3	6	2-3	7-8	4000	3	*
Tynemouth	999.8	+30	NW	3	SS	30	92	4	6	–	–	10	10	800	8	2
Inchkeith	1001.6	+20	NW	3	c	35	92	8	5	–	–	10	10	1500	3	2
Leuchars	1000.3	+30	NNW	4	c	36	65	9	5	2	–	4-6	10	2500	1	*
Renfrew (Abbots I.)	1003.8	+38	NW'W	2	c	34	75	9	5	–	–	9+	9+	2500	3	*
Eskdalemuir	1002.1	+30	NNW	5	$s_o s_o$	29	85	7	5	2	–	10	10	800	8	*
Point of Ayre	1004.0	+28	N	4	bc	36	85	8	3	–	–	2-3	2-3	4000	1	3
Tiree	1005.5	+24	NNE	4	bc	38	65	8	8	–	–	4-6	4-6	2500	0	3
Stornoway	1004.4	+22	NNW	3	bc	31	85	9	5	7	–	4-6	4-6	2500	7	1
Dalwhinnie	*	+28	N	3	c	30	85	8	4	4	–	7-8	9+	2500	9	*
Aberdeen	999.9	+32	NW'N	4	c/ps	35	75	8	9	3	1	1	7-8	1500	1	2
Wick	1000.3	+20	N	5	c	33	75	8	8	7	–	4-6	9	1500	4	3
Lerwick	996.6	+16	N	6	c	34	85	8	9	2	–	7-8	10	800	4	*
Blacksod Point	1008.5	+20	W	2	bc	35	92	9	9	–	–	4-6	4-6	1500	1	2
Malin Head	1006.2	+26	N	3	bc	39	85	8	2	–	–	2-3	2-3	4000	0	2
Aldergrove	1006.4	+40	W'N	1	b	29	97	9	8	–	–	1	1	2500	8	*
Birr Castle	1008.3	+16	SE	1	bc	29	97	7	5	–	–	2-3	2-3	2500	3	*
Valentia Obsy. †	1010.4	+10	NW'W	3	c/phr	41	75	8	9	–	–	7-8	7-8	1500	4	3
Roches Point	1010.3	+20	N	3	bc	35	85	8	3	4	–	2-3	4-6	1500	0	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 14th Hrs. (36)
London (Kew)	40	35	31	5	Tr	0.0
Croydon	44	34	31	5	0.2	0.0
S. Farnborough	37	33	27	9	0.1	0.0
Boscombe Down	36	32	29	7	0.1	0.0
Calshot (Sthmtn.)	46	35	33	4	–	0.1
Lympne	49	33	29	2	Tr	2.3
Manston	51	35	31	4	0.1	2.0
Shoeburyness	50	35	31	5	Tr	2.5
Felixstowe	47	36	35	6	0.4	0.4
Gorleston	42	36	35	8	2	0.0
Mildenhall	40	34	33	18	1	0.0
Cranwell	38	34	32	8	2	0.0
Birmingham	36	32	29	2	0.5	0.0
Upper Heyford	36	33	32	9	0.3	*
Ross-on-Wye	38	33	28	9	–	0.0
Portland Bill	42	36	*	1	–	*
Plymouth	45	35	29	0.2	3	0.1
The Lizard	45	35	*	1	1	*
Scilly (St. Mary's)	43	37	*	1	1	1.7
Guernsey	46	35	32	2	9	0.2
Pembroke	45	37	*	1	–	1.3
Holyhead	41	33	32	Tr	6	1.8
Chester (Sealand)	41	34	30	Tr	2	0.0
Manchester	40	32	26	1	–	0.0
Spurn Head	40	34	*	2	2	0.0
Catterick	36	32	29	0.1	Tr	0.0
Tynemouth	40	30	28	0.6	3	0.0
Inchkeith	39	31	29	–	–	4.2
Leuchars	42	32	27	–	–	6.0
Renfrew (Abbots I.)	43	29	24	Tr	–	4.8
Eskdalemuir	36	27	23	Tr	Tr	6.2
Point of Ayre	42	35	*	–	Tr	6.2
Tiree	41	33	31	Tr	Tr	6.1
Stornoway	38	28	*	Tr	–	8.7
Dalwhinnie	32	28	25	0.1	Tr	0.0
Aberdeen	39	32	32	0.2	0.3	4.0
Wick	35	32	*	4	3	*
Lerwick	36	33	*	8	2	0.0
Blacksod Point	42	32	*	2	1	*
Malin Head	40	36	*	Tr	–	6.9
Aldergrove	37	28	22	Tr	0.1	6.9
Birr Castle	42	27	16	Tr	–	3.8
Valentia Obsy. †	44	30	28	–	1	8.4
Roches Point	41	34	*	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. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h. (To-day)
Kew	18	rsrrfc	crocmo	ircmbc	40	35	31	5	Tr	0.0	•	•	6
Croydon	217	rsorrso	ofropsmcr	rsmis	44	34	31	5	0.2	0.0	•	•	6
Greenwich (Royal Observatory)	149	rrdf	frir	dcsb	43	34	29	4	0.3	0.0	91	64	5
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	0.0	•	•	•
Westminster (St. James' Park)	27	•	•	•	41	35	29	5		0.0	90	64	•
Regents Pk. (Botanic Gardens)‡	168	•	•	•	40	34	31	4	–	0.0	91	73	•
Camden Square	110	cr	creer	•	39	34	29	5	0.3	•	•	62	•
Kensington	80	cr	cr	•	42	35	30	6	0.2	0.0	At 18h. 82	65	•
Hampstead Observatory	450	ors	or	odbc	37	31	26	7	Tr	0.0	•	71	•

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

	Max.	Time.	Min.	Time.
South Kensington.	0.8	10-12h 14th	<0.3	2-4h 15th
Kew Observatory.	0.3	10h 14th	<0.1	0-7h 13th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 14th March: Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 15th March: Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours: Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	986.9	W	7	q	45	1008.5	W	5	c/r	37	54	36	1	1
Brussels	980.2	SSW	4	pr	45	1001.0	W	6	roro	37	54	37	5	5
Berlin	988.8	SE	2	rr	50	992.3	SW	5	c	43	54	39	0.1	5
Zurich						1010.3	WSW	5	rs	36		36		6
Rome						1016.6	SW	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 "	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

Tuesday, 16th March, 1937.
No. 27508

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. °F. (6)	°Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	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 14th Hrs. (36)
1	London (Kew)	1011·4	+24	W'S	5	bc	44	45	8	1	–	–	4-6	4-6	2500	0·0
	Croydon ...	1011·2	+22	WNW	6	c	44	45	7	1	–	1	7-8	7-8	4000	0·0
	S. Farnborough	1012·1	+22	W	4	bc	45	45	8	1	–	–	4-6	4-6	4000	0·0
	Boscombe Down	1012·8	+22	W	5	bc	43	55	8	1	–	–	4-6	4-6	2500	0·0
	Calshot (Sthmtn.)	1013·0	+24	W	4	bc	44	55	8	7	–	–	4-6	4-6	4000	0·1
	Lympne ...	1010·9	+30	W	5	bc	45	35	8	7	–	4	4-6	4-6	2500	2·3
	Manston ...	1010·4	+28	WNW	5	c	43	55	7	5	–	6	2-3	7-8	2500	2·0
2	Shoeburyness ...	1009·8	+26	W'N	5	c	43	55	8	5	–	2	4-6	7-8	2500	2·5
	Felixstowe ...	1008·3	+26	W	6	c	43	45	8	8	–	1	7-8	7-8	2500	0·4
	Gorleston ...	1005·5	+22	W	5	c	42	45	6	7	–	4	4-6	7-8	2500	0·0
	Mildenhall ...	1008·4	+26	W'N	6	bc	43	55	8	2	–	1	4-6	4-6	2500	0·0
	Cranwell ...	1008·2	+28	NW'W	5	c	40	55	7	8	3	–	7-8	9	2500	0·0
3	Birmingham ...	1010·7	+22	WNW	4	bc	41	55	7	1	–	–	4-6	4-6	1500	0·0
	Upper Heyford	1011·4	+24	W'N	5	bc	44	55	9	1	–	–	4-6	4-6	4000	*
4	Ross-on-Wye	1011·8	+20	W	4	bc	44	45	9	1	–	–	4-6	4-6	4000	0·0
5	Portland Bill ...	1013·9	+20	W	1	bc	45	85	8	4	–	–	4-6	4-6	2500	*
	Plymouth ...	1014·4	+10	SW'W	3	jp	47	55	9	9	4	–	4-6	4-6	1500	0·1
	The Lizard ...	1014·9	+16	WSW	3	bc	49	65	8	8	–	–	2-3	2-3	2500	*
	Scilly (St. Mary's)	1014·8	+12	W	2	bc	49	65	8	2	–	5	2-3	2-3	2500	1·7
	Guernsey ...	1015·6	+14	WNW	4	bc	47	55	9	1	–	–	2-3	2-3	2500	0·2
6	Pembroke ...	1012·4	+20	WNW	5	q	42	65	8	8	6	–	4-6	7-8	2500	1·3
7	Holyhead ...	1011·8	+38	NW'N	3	bc	41	85	9	2	–	–	4-6	4-6	2500	1·6
	Chester (Sealand)	1010·5	+28	W'N	4	bc	40	65	7	8	–	–	4-6	4-6	2500	0·0
8	Manchester ...	1009·7	+34	NW'W	4	c	39	55	8	8	–	–	7-8	7-8	4000	0·0
10	Spurn Head ...	1005·8	+28	WNW	7	sf	34	97	3	5	–	–	10	10	450	0·0
	Catterick ...	1008·6	+38	NW'W	3	c	37	65	8	5	–	6	4-6	9+	2500	0·0
	Tynemouth ...	1007·0	+36	NNW	4	bc	38	55	8	2	–	2	4-6	4-6	1500	0·9
11	Inchkeith ...	1008·8	+34	NW	3	bc	39	85	8	5	–	–	4-6	4-6	2500	4·2
	Leuchars ...	1007·4	+30	NW	4	b	41	45	9	7	–	–	Tr	Tr	4000	6·0
12	Renfrew (Abbots I.)	1008·7	+24	NNW	1	b	43	45	9	1	–	–	Tr	Tr	4000	4·8
	Eskdalemuir ...	1008·5	+38	N'W	2	c	38	55	7	5	–	2	Tr	7-8	2500	6·2
	Point of Ayre...	1010·6	+24	N'W	3	bc	44	65	8	1	8	–	1	2-3	4000	6·2
13A	Tiree ...	1010·0	+22	W'N	2	b	44	45	9	1	–	8	Tr	1	4000	6·1
13B	Stornoway ...	1008·7	+36	WNW	5	ps	34	85	8	8	–	–	9	9	2500	8·7
15	Dalwhinnie ...	1009·3	+26	WNW	1	b	34	75	8	4	6	–	Tr	Tr	4000	0·0
	Aberdeen ...	1006·2	+30	NW'W	5	b	40	45	8	1	–	1	1	1	2500	4·0
16	Wick ...	1004·6	+20	NW	5	bc	39	65	8	8	6	–	4-6	4-6	1500	*
	Lerwick ...	1000·6	+18	NW	5	bc	38	75	8	8	8	–	4-6	4-6	2500	0·0
17	Blacksod Point	1010·7	+14	S	3	bc	42	85	9	3	–	–	2-3	2-3	2500	*
18	Malin Head ...	1010·7	+18	W	1	b	43	85	8	2	–	–	1	1	4000	6·9
	Aldergrove ...	1011·0	+24	W'S	2	b	43	55	9	7	–	–	1	1	2500	6·9
19	Birr Castle ...	1011·2	+14	S	1	c	45	65	8	4	–	–	7-8	7-8	2500	3·5
20	Valentia Obsy. †	1012·7	+6	W	2	b	47	65	9	2	–	6	1	1	2500	8·4
	Roches Point	1013·6	+16	NW	2	bc	45	65	9	3	–	3	4-6	4-6	1500	*

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. °F. (20)	°Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	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)	1016·4	+30	WNW	3	bc	42	45	6	8	–	–	2-3	2-3	2500	2	*
	Croydon ...	1015·4	+26	WNW	3	z	41	45	6	4	–	1	2-3	2-3	4000	1	*
	S. Farnborough	1016·1	+20	W'N	2	b/pr	40	55	8	3	–	–	1	1	2500	2	*
	Boscombe Down	1016·2	+18	W	3	bc	41	75	8	8	–	–	2-3	2-3	2500	1	*
	Calshot (Sthmtn.)	1016·6	+26	W'N	3	bc	42	65	8	8	4	–	2-3	2-3	4000	1	2
	Lympne ...	1015·8	+28	W'N	4	b	41	45	7	1	–	–	1	1	4000	1	3
	Manston ...	1014·7	+32	W'N	4	bc	41	55	7	8	–	–	2-3	2-3	4000	1	*
2	Shoeburyness ...	1014·6	+32	W'N	3	jp	41	55	7	8	–	–	4-6	4-6	2500	1	*
	Felixstowe ...	1014·3	+40	NW'N	4	bc	37	75	7	5	3	8	2-3	4-6	2500	1	3
	Gorleston ...	1013·0	+40	WNW	5	rs	34	97	6	6	–	–	10	10	1500	4	3
	Mildenhall ...	1015·0	+46	NW'N	3	bc/ps	36	92	8	8	6	–	4-6	4-6	4000	1	*
	Cranwell ...	1014·2	+40	WNW	2	c	37	65	7	5	4	3	1	9	4000	1	*
3	Birmingham ...	1015·8	+24	NW	3	bc	37	75	6	4	–	–	2-3	2-3	2500	1	*
	Upper Heyford	1015·9	+28	NW'W	3	bc	39	65	8	8	–	–	2-3	2-3	4000	1	*
4	Ross-on-Wye	1015·9	+20	NW	2	b	40	55	8	4	–	–	1	1	4000	1	*
5	Portland Bill ...	1016·5	+20	W	3	bc	45	85	8	4	–	–	4-6	4-6	2500	1	3
	Plymouth ...	1016·8	+16	W	3	bc	46	55	8	8	–	5	1	2-3	4000	1	1
	The Lizard ...	1016·8	+10	SW	2	bc	45	65	8	8	4	–	2-3	2-3	2500	1	2
	Scilly (St. Mary's)	1016·8	+4	SW	2	bc	45	65	8	1	–	5	2-3	4-6	2500	1	2
	Guernsey ...	1017·7	+18	WNW	1	bc	45	65	9	1	1	–	2-3	2-3	2500	1	2
6	Pembroke ...	1016·7	+14	SW	1	bc	42	75	8	8	6	–	2-3	4-6	4000	1	1
7	Holyhead ...	1015·3	+10	–	0	b	40	85	9	1	3	–	1	1	4000	1	1
	Chester (Sealand)	1014·7	+24	W	1	bc	38	75	7	5	3	–	1	2-3	4000	1	*
8	Manchester ...	1014·9	+22	WNW	3	bc	37	75	7	–	4	–	0	2-3	–	1	
10	Spurn Head ...	1013·1	+40	NW'N	4	c	36	92	6	5	7	–	4-6	7-8	2500	1	3
	Catterick ...	1013·8	+28	SW	1	bc	35	65	8	–	–	2	0	4-6	–	1	*
	Tynemouth ...	1012·4	+30	WNW	3	bc	38	65	6	2	–	–	4-6	4-6	1500	4	2
11	Inchkeith ...	1011·9	+12	NW	2	bc	41	92	8	5	–	–	2-3	2-3	4000	4	2
	Leuchars ...	1011·4	+28	WNW	3	b	39	65	9	–	–	–	0	0	–	1	*
12	Renfrew (Abbots I.)	1012·5	+26	W	2	z	39	65	6	–	–	–	0	0	–	1	*
	Eskdalemuir ...	1013·3	+22	WSW	2	b	36	65	8	4	–	1	Tr	1	2500	8	*
	Point of Ayre...	1014·4	+20	NW	2	b	41	75	8	2	–	–	Tr	Tr	4000	1	1
13A	Tiree ...	1012·2	+14	SW'S	2	b	38	75	9	7	6	1	Tr	1	4000	0	1
13B	Stornoway ...	1010·6	+16	WSW	4	bc	35	85	9	3	–	3	4-6	4-6	2500	4	2
15	Dalwhinnie ...	1012·7	+16	WNW	3	c	32	85	8	4	6	1	4-6	7-8	4000	9	*
	Aberdeen ...	1010·1	+26	W'N	4	b	37	55	8	8	–	–	Tr	Tr	2500	1	2
16	Wick ...	1008·3	+10	NW	4	c/ps	34	85	8	8	6	–	4-6	7-8	1500	1	3
	Lerwick ...	1003·9	+14	NW	5	bc	35	85	8	8	–	–	4-6	4-6	1500	4	*
17	Blacksod Point	1011·5	+10	S	2	bc	43	55	9	2	3	1	1	4-6	2500	1	2
18	Malin Head ...	1012·6	+10	S	1	b	43	75	8	2	–	–	1	1	4000	0	1
	Aldergrove ...	1013·5	+16	S'E	2	b	39	55	7	–	–	–	0	0	–	6	*
19	Birr Castle ...	1012·9	+8	S	1	bc	43	75	8	5	–	–	2-3	2-3	4000	1	*
20	Valentia Obsy. †	1012·3	–6	SSE	3	c	44	75	9	1	–	6	1	7-8	2500	1	2
	Roches Point	1014·4	+4	WSW	3	bc	45	75	9	2	–	5	2-3	4-6	1500	0	3

PAST 24 HOURS.

District	Stations.	Weather. 7h.—12h. 15th. (37)	Weather. 12h.—18h. 15th. (38)	Weather. 18h.—1h. 15th/16th. (39)	Weather. 1h.—7h. 16th. (40)
1	London (Kew)	bcy	bccbcy	bcbz$_o$x	cx
	Croydon ...	cbczcy	cybcz$_o$y	byzm$_o$x	bm$_o$x
	S. Farnborough	bcbbcy	bcqpr$_o$y	bybx	bxbcc
	Boscombe Down	bbcy	bcyb	bx	bbcc
	Calshot (Sthmtn.)	bbcy	bcy	bcbxb	bbcc
	Lympne ...	cpsbc	bcy	bybxz$_o$	bxz$_o$bc
	Manston ...	bc	cbbcy	bcbbx	bx
2	Shoeburyness ...	m$_o$p$_o$cy	bcy	bcp$_o$bx	bxbm$_o$
	Felixstowe ...	cph$_o$cbcy	bcy	bcx	bcx
	Gorleston ...	ops$_o$cy	orsq	bcx	bbc
	Mildenhall ...	cbcy	bccpr$_o$ps	bcb	bxm$_o$
	Cranwell ...	cz$_o$cy	cyps$_o$oc	cbcb	bm$_o$x
3	Birmingham ...	bc	bcph$_o$	bcbxm	bmxc
	Upper Heyford	bbcy	bcyph$_o$bc	bcbx	bbccxm$_o$
4	Ross-on-Wye	bvcvbcvybcvybvy	b	bcc	
5	Portland Bill ...	bcbc	bcbc	bcb	bco
	Plymouth ...	bcbvphy	bcpr$_o$vyb	byb	bor$_o$rrm
	The Lizard ...	bc	bc	bcco	ocrrm
	Scilly (St. Mary's)	bc	bc	bcc	or$_o$rr
	Guernsey ...	bc	bc	bcbw	bqcor
6	Pembroke ...	cbcPHRq	cbcpr	bw9/	cirm 9/9
7	Holyhead ...	bcv	bcbv	bvx	bxc
	Chester (Sealand)	PHSps$_o$phr	cbcph$_o$r$_o$	bcbm$_o$x	bbcxm
8	Manchester ...	bcps$_o$bc	bcycbc	bcbm$_o$x	bbcm$_o$x
10	Spurn Head ...	osq	ssq$_o$c	cbcbz	bcz
	Catterick ...	psh$_o$s$_o$s$_o$	cbcy	bcwbx	bxbxm$_o$
	Tynemouth ...	ossbc	bc	bcb	bbc
11	Inchkeith ...	cbc	bc	bcz$_o$	z$_o$cbc
	Leuchars ...	cbcby	byb	bbx	bxm$_o$
12	Renfrew (Abbots I.)	cbcby	by	bxm	bbcxm
	Eskdalemuir ...	s$_o$cbcy	bcbyb	bybx	bfx
	Point of Ayre...	bcbc	bc	bcb	bbc
13A	Tiree ...	bcb	b	bbclx	bcc
13B	Stornoway ...	bccps$_o$q	cbc	bc	bccpb
15	Dalwhinnie ...	cbc	bbc		b
	Aberdeen ...	cbcby	by	bybz$_o$x	bxz$_o$
16	Wick ...	cbc	bccps	bc	bc
	Lerwick ...	cbcps$_o$	bcps	bc	bc
17	Blacksod Point	bc	bc	bc	cq
18	Malin Head ...	bc	bc	bc	bcc
	Aldergrove ...	bxb	by	bybx	bxc
19	Birr Castle ...	bcc	cbc	bc	bcxcr
20	Valentia Obsy. †	pr$_o$bcb	bbcyvc	cbcc	rrRr$_o$r$_o$
	Roches Point	bcv	phr$_o$bcv	bc	crr

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

COLUMN 29.—STATE OF GROUND.

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

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

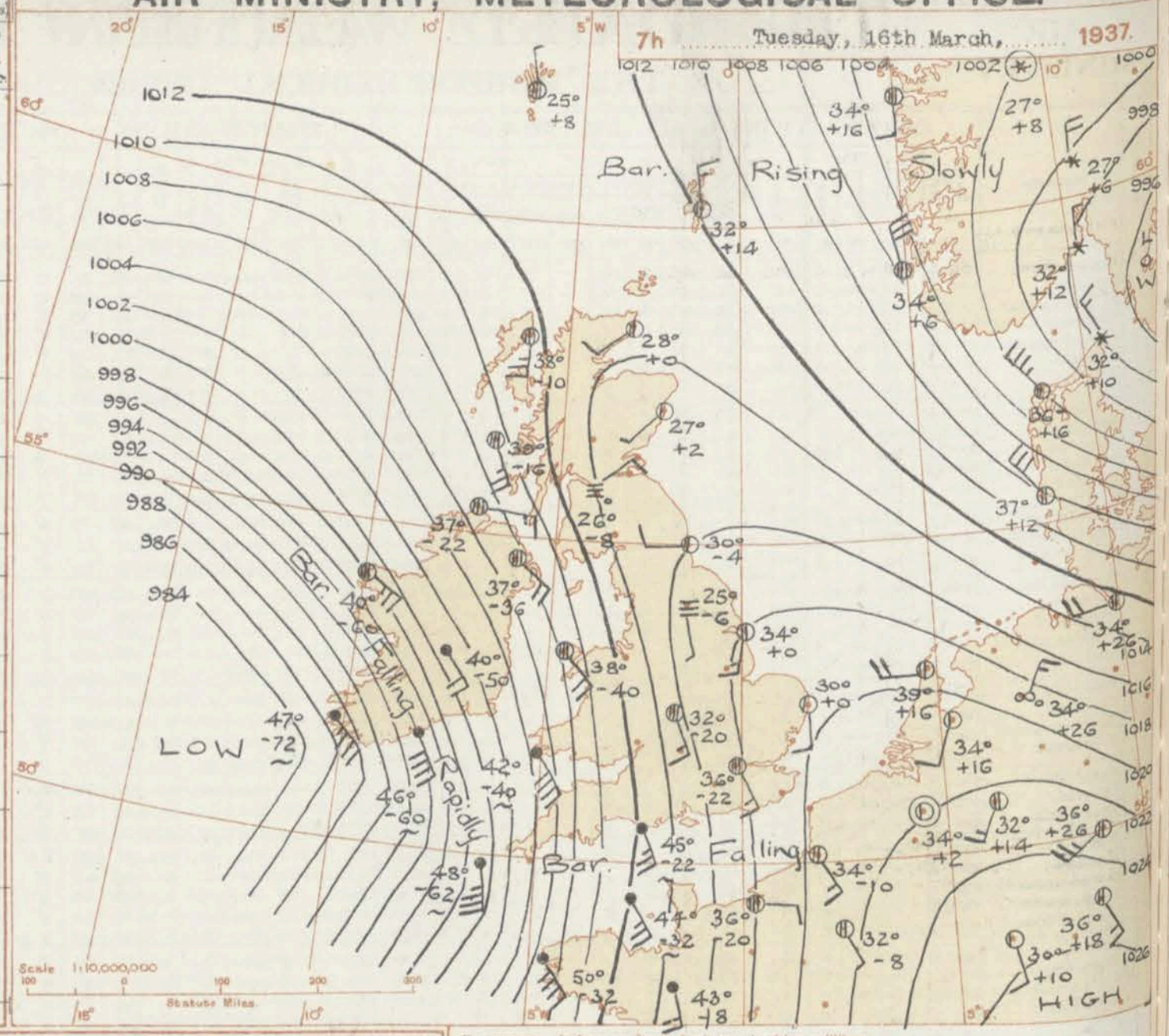
† See disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 15th March 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.	bbc	bc	33	46	Trace	–	8·4	1·9
	Bournemouth	b	bbcbc	34	48	–	–	8·0	0·0
	Ventnor ...	xb	bbc	34	47	–	–	10·1	0·0
	Southsea ...	b	b	36	48	0·2	–	9·0	0·0
	Bognor Regis	b	bbc	33	48	–	–	9·2	0·3
	Littlehampton	bbc	bc	35	49	0·4	–	9·2	1·2
	Worthing ...	b	b	35	48	0·5	–	9·4	0·8
	Brighton ...	b	b	35	48	–	–	9·0	1·7
	Eastbourne† ...	by	by	36	47	0·1	–	8·6	3·6
	Hastings† ...	bcbbc	bcbcb	34	48	–	–	8·5	3·8
	Folkestone ...	srebc	bcbb	33	46	0·3	–	7·4	2·7
	Dover ...	ybc	bcy	36	46	1	–	8·1	1·8
	Deal	cobbc	bcbcc	35	46	2	–	6·1	3·1
	Ramsgate ...	cbc	bc	35	45	0·2	–	7·3	2·0
	Margate ...	bc	bc	36	45	–	–	6·9	1·5
2	Southend ...	bbc	bcb	34	47	Trace	–	7·2	1·3
	Maldon ...	b	b	36	45	–	–	6·8	0·1
	Clacton-on-Sea	ocbc	bc	35	45	0·3	–	6·6	1·6
	Dovercourt ...	bc	bcv	35	44	0·2	–	6·6	1·1
	Lowestoft ...	cpsc	bcers	34	44	2	Trace	0·0	0·5
	Skegness ...	cbc	cosso	34	42	1	1	2·3	0·0
	Mablethorpe...	co	ogsc	33	42	2	5	1·5	0·0
	Cleethorpes ...	bcos	osc	34	40	2	3	1·0	0·0
3	Leamington S.	bc	bc	33	45	1	–	8·6	0·0
4	Cheltenham†	bybch	bcihb	32	45	0·3	Trace	8·8	0·0
5	Bath	b	bbcc	33	47	0·3	–	8·1	0·0
	Weymouth ...	b	bbc	34	50	Trace	–	6·7	0·0
	Jersey ...	rcbc	bc	35	48	5	–	9·3	0·3
	Torquay ...	wby	bcby	33	49	–	–	9·0	0·4
	Penzance ...	b	b	36	51	2	–	9·7	2·0
	St. Ives ...	b	b	38	47	2	–	8·6	0·9
	Bude... ...	ph bc	bc	37	47	1	–	7·9	1·4
	Ilfracombe ...	cbc	bbcco	38	47	–	–	7·9	0·0
6	Aberystwyth	phcbc	bc	34	43	2	–	8·4	0·8
7	Llandudno ...	chbch	chbcb	36	42	–	3	6·8	0·1
	Colwyn Bay...	bhbho	bccb	35	42	0·3	2	4·8	0·0
	Rhyl	bccph	cphb	36	42	0·2	2	5·3	0·0
8	Wallasey ...	iscbc	bc	32	43	0·5	0·3	7·5	0·0
	Southport ...	bcpsh	cbcb	34	44	Trace	0·1	7·2	0·0
	Blackpool ...	bcc	rsbsb	36	40	–	Trace	8·5	0·0
	Morecambe ...	bbcc	cbcbc	31	42	–	–	7·0	0·0
9	Ilkley... ...	bcos	ocbc	30	40	0·2	1	2·8	0·0
	Harrogate ...	cirs	cbc	30	39	0·4	0·3	3·3	0·0
10	Berwick-on-T.	cbc	b	32	40	1	–	7·5	0·0
11	Dunbar ...	rbc	bc	33	41	Trace	–	8·6	0·8
12	Troon... ...	bcbcb	bbcb	31	45	–	–	7·1	5·0
	Douglas ...	clhs	bPH	32	42	1	2	7·1	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. 16th March, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Southeasterly winds, veering, strong to gale at times in exposed places; rainy at first, bright periods and showers later; rather mild.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England	Southeasterly winds, veering, strong to gale, stronger locally at first; rainy at first, bright periods and showers later; rather mild.
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	Southeasterly to southerly winds, moderate to strong, increasing to gale at times; cloudy, rain at times; sleet or snow on high ground at first; becoming rather mild.
14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Freshening southeasterly winds, reaching gale at times locally; becoming cloudy with sleet at first; rainy later; cold at first then rather mild.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Southerly winds, whole gale locally at first, veering and moderating; rainy then bright intervals with showers; thunder locally; rather mild.

GENERAL INFERENCE.

A deep depression to the west of Ireland will move northeastwards. Weather will be stormy and milder than of late with rain at times at first in all districts; bright periods will occur later.

FURTHER OUTLOOK.

Unsettled and rather mild.

Times of issue of Gale Warnings.

South Cone hoisted at 1830 on 15th in dist. 5, 6, 17, 19 & 20.

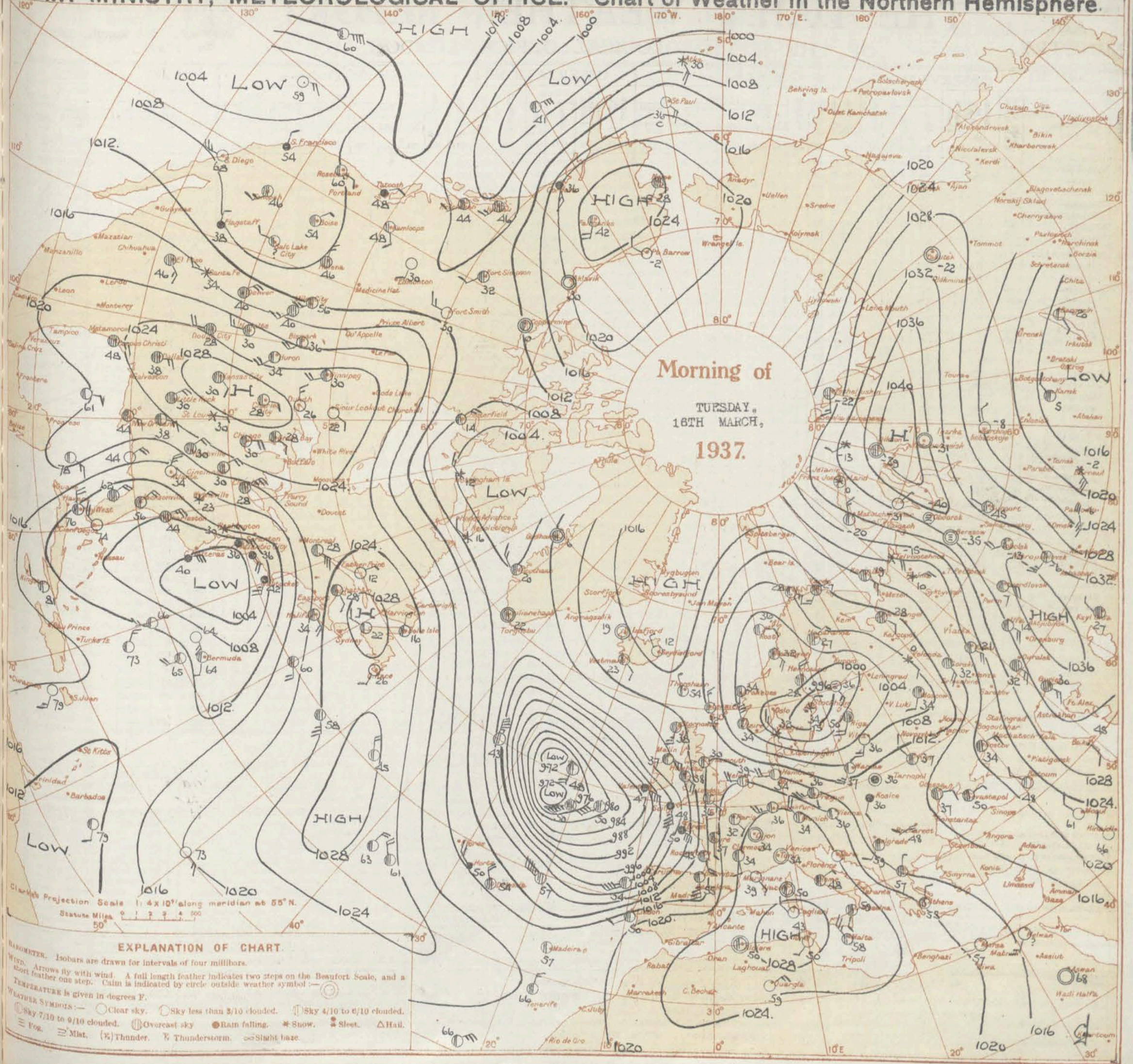
South Cone hoisted at 0745 on 16th in dist. 1, 2, 7, 8, 10, 11, 12, 13, 15, 16, 18.

Forecasts issued at 1025 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, 16th March, 1937.
No. 27508

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0–9 (8)	Cloud. Form. Low (9)	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	1020·1	+1·0	SSE	2	Z_o	31	85	5	–	–	–	0	0	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1021·2	+1·2	NNE	2	Z_o	33	75	6	–	–	–	0	0	–
	Manston ...	142	1020·6	+1·0	–	0	b	28	92	7	–	–	–	0	0	–
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1018·9	+1·4	W	2	bc	32	92	6	5	–	–	2·3	2·3	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1017·7	–0·6	SE	3	b	44	92	8	–	–	–	0	0	–
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1014·1	–2·4	SE'E	6	0	45	86	8	5	–	–	10	10	2500
	Scilly (St. Mary's)	163	1011·2	–3·6	SE'S	6	c	46	75	8	8	–	–	10	10	1500
	Guernsey ..	175	1016·6	–0·4	SSE	3	b	43	86	9	–	–	–	0	0	–
6	Pembroke ...	142	1014·3	–0·8	SSE	5	q	42	86	8	5	–	–	Tr	Tr	4000
7	Holyhead ...	26	1015·2	–0·8	SE	3	b	35	92	8	–	–	–	0	0	–
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1017·6	+1·4	W'N	3	b	33	97	5	–	–	–	0	0	–
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1016·3	+1·6	W	2	b	33	76	7	–	–	–	0	0	–
11	Inchkeith ...	190	1014·7	+0·8	SW	2	Z_o	33	97	6	5	–	–	2·3	2·3	1500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1015·8	0	SW'S	2	b	39	97	8	–	–	–	0	0	–
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1012·1	0	SW	2	bc	33	92	8	5	–	–	2·3	2·3	4000
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1011·7	+0·8	W	2	bc	30	92	8	8	–	–	4·6	4·6	1500
16	Lerwick ...	156	1008·5	+2·0	NW	5	bc	32	85	8	5	–	–	2·3	2·3	1500
17	Blacksod Point	18	1008·0	–3·0	SE	3	bc	40	75	8	4	–	–	2·3	2·3	2500
18	Malin Head ...	84	1011·2	–0·8	S	2	b	34	97	8	–	–	–	0	0	–
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1001·9	–3·0	SSE	7	c	43	92	8	8	–	–	7·8	7·8	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1017·0	–1·4	ESE	3	c	36	85	7	–	–	7	0	3+	–	3	*
Croydon ...	1017·2	–2·2	SE	3	c	36	86	6	–	–	6	0	7-8	–	3	*
S. Farnborough	1016·5	–1·0	SE	3	c	34	75	6	2	7	6	Tr	3	2500	3	*
Boscombe Down	1014·9	–2·6	E'S	4	c	35	92	7	–	7	–	0	3+	–	3	*
Calshot (Sthmtn.)	1015·4	–3·0	SE'E	5	c	43	76	8	–	7	–	0	3	–	1	3
Lympne ...	1015·6	–1·2	SE'E	3	bc	39	85	7	5	–	5	1	2-3	1500	1	2
Manston ...	1015·5	–0·6	SSE	2	bc	37	78	7	–	–	5	0	2-3	–	3	*
Shoeburyness ...	1015·8	–1·0	SSE	3	b	38	85	6	–	5	–	0	1	–	1	*
Felixstowe ...	1015·5	–1·2	SE	3	b	37	85	7	5	–	–	Tr	Tr	2500	1	2
Gorleston ...	1015·5	0	S	2	b	30	92	6	–	4	–	0	1	–	3	2
Mildenhall ...	1015·3	–1·2	SE'E	3	Z_o	30	92	6	–	–	6	0	2-3	–	3	*
Cranwell ...	1017·8	–1·0	SE'E	1	F	23	92	1	–	–	–	10	10	150	3	*
Birmingham ...	1015·3	–2·0	SSE	3	c	32	85	5	–	1	–	0	3+	–	1	*
Upper Heyford	1016·4	–2·0	SE	3	Z_o	32	85	6	–	7	6	0	3+	–	1	*
Ross-on-Wye	1012·7	–2·8	SE'E	4	c	37	75	8	5	1	–	4-6	10	2500	3	*
Portland Bill ...	1011·5	–2·2	SSE	5	pr	45	92	7	5	–	–	10	10	1500	1	4
Plymouth ...	1008·0	–4·8	SE	5	rr	45	97	6	6	–	–	10	10	800	1	3
The Lizard ...	1002·8	–4·0	SE'E	7	rr	47	97	5	6	–	–	10	10	800	1	4
Scilly (St. Mary's)	998·9	–6·2	S'E	7	ir_o	48	97	6	6	–	–	10	10	800	1	4
Guernsey ..	1012·4	–3·2	SE'S	5	rr	44	97	7	5	–	–	10	10	1500	1	4
Pembroke ...	1005·1	–4·0	SE	5	ir	42	97	6	8	2	–	7-8	10	2500	1	4
Holyhead ...	1008·8	–4·0	SE'E	4	c	38	85	9	5	9	–	4-6	10	4000	1	2
Chester (Sealand)	1012·9	–2·6	SE'E	3	m	31	85	4	–	–	8	0	4-6	–	3	*
Manchester ...	1014·5	–2·2	ESE	3	Z_o	31	85	5	–	5	6	0	4-6	–	3	*
Spurn Head ...	1018·4	0	S'W	3	bc	34	92	5	–	1	8	0	2-3	–	3	2
Catterick ...	1016·6	–0·6	S'E	1	f	25	97	2	–	–	–	10	10	150	3	*
Tynemouth ...	1016·0	–4·4	W	2	bc	30	75	5	5	–	2	2-3	4-6	800	4	1
Inchkeith ...	1015·5	+2·2	SSW	2	bc	30	97	6	5	4	1	2-3	4-6	1500	3	2
Leuchars ...	1015·0	0	–	0	Z_o	23	92	6	–	–	1	0	Tr	–	1	*
Renfrew (Abbots I.)	1013·5	–0·8	ENE	2	m	26	85	4	–	–	2	0	2-3	–	3	*
Eskdalemuir ...	1015·1	–0·8	–	0	ig	22	97	5	5	–	–	10	10	150	8	*
Point of Ayre...	1010·8	–2·0	SE'S	6	bc	37	92	7	–	1	–	0	4-6	–	1	3
Tiree ...	1005·0	–1·6	SSE	5	c	39	75	8	5	–	–	7-8	7-8	2500	0	3
Stornoway ...	1010·9	–1·0	S	5	c	38	85	9	6	7	–	Tr	7-8	2500	4	2
Dalwhinnie ...	1014·9	–2·2	S	2	b	18	75	8	–	4	–	0	Tr	–	9	*
Aberdeen ...	1014·4	+2·2	SW'N	1	b	27	85	6	–	–	1	0	Tr	–	3	1
Wick ...	1012·9	0	NSW	2	bc	28	97	8	5	4	–	2-3	4-6	1500	5	1
Lerwick ...	1011·5	+1·4	NNW	3	bc	32	75	8	7	1	–	2-3	4-6	2500	8	*
Blacksod Point	998·1	–6·0	ESE	8	c	40	92	8	9	–	–	10	10	800	0	4
Malin Head ...	1007·1	–2·2	E'S	3	c	37	97	8	7	–	–	9+	9+	1500	4	1
Aldergrove ...	1007·9	–3·6	ESE	4	c	37	75	8	5	7	–	1	9+	1500	6	*
Birr Castle ...	1000·2	–5·0	SE	4	r	40	85	7	6	2	–	7-8	10	1500	1	*
Valentia Obsy. †	987·3	–7·2	ESE	7	$r_o f_o$	47	85	6	6	–	–	10	10	1500	1	4
Roches Point	993·6	–6·0	SE	8	rr	46	97	8	6	2	–	7-8	10	800	1	5

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)	45	30	18	–	Tr	9·7
Croydon ...	45	30	26	–	–	7·7
S. Farnborough	47	27	17	Tr	Tr	8·1
Boscombe Down	45	30	23	–	–	10·3
Calshot (Sthmtn.)	46	33	28	–	–	10·1
Lympne ...	45	31	19	Tr	–	8·1
Manston ...	45	27	18	–	Tr	7·6
Shoeburyness ...	46	27	19	Tr	Tr	6·8
Felixstowe ...	45	28	16	Tr	–	5·7
Gorleston ...	45	30	27	2	1	3·5
Mildenhall ...	44	28	23	0·5	Tr	6·9
Cranwell ...	43	23	14	Tr	–	5·2
Birmingham ...	42	30	20	Tr	–	7·7
Upper Heyford	46	29	18	Tr	–	*
Ross-on-Wye	45	28	14	–	–	10·5
Portland Bill ...	47	37	*	–	Tr	*
Plymouth ...	48	36	33	0·1	1	8·8
The Lizard ...	50	41	*	–	5	*
Scilly (St. Mary's)	50	41	*	–	6	10·1
Guernsey ..	45	36	29	–	1	10·8
Pembroke ...	45	38	*	2	0·4	6·5
Holyhead ...	43	35	26	–	–	10·0
Chester (Sealand)	40	26	19	1	–	8·0
Manchester ...	41	26	17	Tr	–	6·6
Spurn Head ...	38	31	*	4	–	0·3
Catterick ...	39	23	15	Tr	–	2·6
Tynemouth ...	39	29	24	2	–	4·3
Inchkeith ...	44	29	18	–	–	7·5
Leuchars ...	42	23	12	–	–	8·8
Renfrew (Abbots I.)	45	22	16	–	–	8·9
Eskdalemuir ...	40	13	10	Tr	–	6·7
Point of Ayre...	45	(37)	*	–	–	8·9
Tiree ...	45	30	25	–	–	10·0
Stornoway ...	40	30	*	Tr	0·1	7·7
Dalwhinnie ...	35	14	5	–	–	7·9
Aberdeen ...	40	26	17	–	–	8·4
Wick ...	39	26	*	0·2	–	*
Lerwick ...	39	31	*	Tr	Tr	5·7
Blacksod Point	48	33	*	–	–	*
Malin Head ...	44	33	*	–	–	10·3
Aldergrove ...	43	31	26	–	–	10·4
Birr Castle ...	45	35	26	–	0·2	6·4
Valentia Obsy. †	49	41	37	Tr	18	7·0
Roches Point	46	43	*	0·1	10	*

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. (To-day.)
Kew	18	bcy	bcebcy	bcbz$_o$cx	45	30	18	–	Tr	9·7	*	*	6
Croydon	217	cbczcy	cybczcy	byz$_o$m$_o$x	45	30	26	–	–	7·7	*	*	6
Greenwich (Royal Observatory)	149	bcy	bcyb	bxfc	45	26	20	–	Tr	7·5	41	78	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	9·1	*	*	*
Westminster (St. James' Park)	27	*	*	*	47	31	25	–	–	8·0	41	75	*
Regents Pk. (Botanic Gardens)‡	168	*	*	*	46	31	22	–	–	9·3	47	83	*
Camden Square	110	bbc	bcb	*	48	30	22	–	–	*	*	75	*
Kensington	80	bc	bc	*	46	30	21	–	–	8·0	At 18h. 45	81	*
Hampstead Observatory	450	bc	bc	ozm	45	30	17	–	–	9·5	*	84	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.	Kew Observatory. Max.	Time.	Min.	Time.
1·0	19-22h 15th	0·3	10-12h 15th	0·7	23h 15th	<0·1	10h 15th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 15th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 16th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris	1018·3	WNW	3	bc	45	1021·9	SE	1	bc	32	48	32	0·1	–
Brussels	1014·2	W	4	bc/ps	37						45		–	
Berlin	1002·7	NSW	6	c	43	1012·3	WNW	5	c	37	45	34	1	3
Zurich						1026·4	S	2	bc	36		34		–
Rome	1020·6	NSW	5	c	55	1026·1	ENE	1	c	48	*	*	–	10

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, 17th March, 1937.

No. 27509

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1011.5	-38	SSE	5	ir.	45	75	6	6	2	-	7-8	10	1500
	Croydon ...	1011.2	-32	SE'S	5	r.r.	46	75	6	6	1	-	9	10	1500
	S. Farnborough	1009.9	-36	SE	4	r.r.	42	92	6	6	2	-	9	10	800
	Boscombe Down	1007.8	-38	SE	6	rr	42	97	6	6	2	-	9+	10	450
	Calshot (Sthmtn.)	1008.2	-40	SE'E	6	ir.	44	85	7	5	7	-	7-8	10	1500
	Lympne ...	1014.1	-40	SE	5	c	44	75	7	-	2	-	10	10	5700
	Manston ...	1014.5	-38	SSE	4	c	45	75	7	-	7	8	0	10	-
2	Shoeburyness ...	1013.4	-34	SE'S	5	c	45	75	8	-	7	-	0	10	-
	Felixstowe ...	1014.7	-36	SE'E	5	z.	44	75	6	5	2	-	7-8	10	2500
	Gorleston ...	1015.8	-28	SE'E	4	c	42	75	6	-	1	-	0	10	-
	Mildenhall ...	1013.4	-32	SE	5	r.r.	44	65	7	6	2	-	2-3	10	2500
	Cranwell ...	1012.3	-32	SE	4	id.	39	85	6	-	2	-	10	10	4000
3	Birmingham ...	1007.2	-44	SE	4	rr	38	92	5	6	2	-	7-8	10	1500
	Upper Heyford	1005.3	-40	SE	4	r.r.	40	92	6	5	2	-	9	10	800
4	Ross-on-Wye	1004.6	-44	SE	3	ir.	43	85	6	6	2	-	9+	10	1500
5	Portland Bill ...	1004.9	-40	SSE	6	rr	46	92	7	3	-	-	10	10	1500
	Plymouth ...	1000.6	-34	SE'S	6	r.r.	48	92	6	6	2	-	9+	10	800
	The Lizard ...	998.9	-16	S'E	5	c	48	92	8	8	-	-	7-8	7-8	1500
	Scilly (St. Mary's)	996.2	+14	S'W	6	bc	52	85	7	8	7	3	2-3	4-6	2500
	Guernsey ...	1007.3	-28	S'E	5	r	48	85	7	5	-	-	10	10	2500
6	Pembroke ...	993.7	-34	SSE	8	r.r.	46	92	5	5	6	-	7-8	10	1500
7	Holyhead ...	998.0	-68	SE'S	7	ir.	44	85	8	6	2	-	9	10	1500
	Chester (Sealand)	1004.7	-50	E'S	6	rr	37	87	5	-	2	-	10	10	1500
8	Manchester ...	1007.8	-40	SE'E	5	rr	38	85	5	6	2	-	4-6	10	800
10	Spurn Head ...	1013.0	-24	SE'S	6	c	39	97	6	5	2	-	9	10	1500
	Catterick ...	1010.8	-34	SE'S	4	z.	36	75	6	5	1	-	2-3	10	1500
	Tynemouth ...	1011.3	-28	SSE	4	c	39	65	6	5	-	-	9+	9+	1500
11	Inchkeith ...	1011.1	-20	E	3	c	37	92	7	5	7	-	4-6	10	2500
	Leuchars ...	1011.6	-22	SE	4	c	40	55	6	-	-	7	0	9+	-
12	Renfrew (Abbotsl.)	1007.6	-38	E	4	z.	38	55	6	-	2	-	0	10	-
	Eskdalemuir ...	1006.3	-42	ESE	4	c	35	85	6	-	2	-	0	10	-
	Point of Ayre...	1002.9	-32	SE'S	7	rs	38	97	6	6	-	-	10	10	450
13A	Tiree	1002.7	-44	ESE	6	c	40	55	7	5	1	-	9	10	2500
13B	Stornoway ...	1009.0	-10	ESE	4	bc	40	55	9	5	7	2	Tr	4-6	2500
15	Dalwhinnie ...	1008.3	-48	SE	7	c	31	92	7	5	1	-	2-3	10	2500
	Aberdeen ...	1013.0	-10	SE'S	3	c	41	65	6	1	-	6	1	7-8	2500
	Wick ...	1012.4	-6	SSE	3	bc	40	85	8	5	4	1	2-3	4-6	1500
16	Lerwick ...	1014.1	+4	NW	2	b	39	55	8	1	-	-	1	1	2500
17	Blacksod Point	987.2	-50	ESE	6	q	42	85	8	9	-	-	10	10	800
18	Malin Head ...	997.7	-60	E	5	r.r.	39	97	6	9	-	-	10	10	800
	Aldergrove ...	998.6	-58	E'S	5	ss	35	97	5	-	2	-	10	10	800
19	Birr Castle ...	988.8	-42	SE	2	rr	47	97	7	6	2	-	7-8	10	1500
20	Valentia Obsy. †	986.3	-6	S	5	bc	52	85	8	2	-	-	4-6	4-6	1500
	Roches Point	989.9	+6	SW	5	c/r	48	92	8	6	1	-	4-6	7-8	1500

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount Low 0–10 (26)	Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1005.0	-36	SSE	4	rr	46	85	6	6	2	-	10	10	1500	2	*
	Croydon ...	1004.8	-42	SSE	5	rr	45	85	6	6	2	-	4-6	10	1500	1	*
	S. Farnborough	1003.6	-32	SE'S	4	rr	45	92	6	6	2	-	9	10	1500	2	*
	Boscombe Down	1002.2	-26	S	5	rr	46	97	6	6	2	-	9+	10	220	1	*
	Calshot (Sthmtn.)	1003.4	-30	SE'S	6	ir.	47	85	6	6	2	-	9	10	800	1	4
	Lympne ...	1008.4	-28	SE	5	r.r.	45	85	7	5	2	-	4-6	10	4000	1	5
	Manston ...	1008.3	-36	SE'S	4	ir.	46	75	7	5	2	-	4-6	10	4000	1	*
2	Shoeburyness ...	1007.4	-34	SE'S	5	rr	45	85	8	6	2	-	4-6	10	1500	1	*
	Felixstowe ...	1008.3	-40	SE'E	6	z.	44	85	6	5	7	-	7-8	10	2500	1	4
	Gorleston ...	1009.0	-40	SE'E	6	o	43	75	6	6	-	-	10	10	2500	1	4
	Mildenhall ...	1006.5	-40	SE	6	r.r.	43	85	6	6	2	-	2-3	10	1500	1	*
	Cranwell ...	1004.9	-38	SE	6	r.r.	40	92	6	6	2	-	9+	10	450	1	*
3	Birmingham ...	1001.6	-28	SSE	4	ir.	42	97	6	6	-	-	9+	9+	800	1	*
	Upper Heyford	1002.9	-34	SE	4	r.r.	43	97	6	6	2	-	7-8	10	450	1	*
4	Ross-on-Wye	1000.2	-6	S	4	bc	46	85	7	9	8	-	4-6	4-6	2500	1	*
5	Portland Bill ...	1001.4	-30	SSW	5	c	49	92	7	4	-	-	7-8	7-8	2500	2	5
	Plymouth ...	999.7	+2	S'W	4	z.	49	97	6	8	3	9	2-3	4-6	1500	1	3
	The Lizard ...	998.0	0	S'E	6	c	50	85	8	8	6	-	4-6	7-8	2500	1	4
	Scilly (St. Mary's)	995.6	-2	S'W	6	c	50	85	6	8	4	-	4-6	7-8	1500	1	4
	Guernsey ...	1004.2	-2	SSW	4	c	50	92	7	8	-	-	7-8	7-8	2500	1	4
6	Pembroke ...	994.4	0	S'W	6	q	48	85	7	8	6	-	4-6	4-6	2500	1	4
7	Holyhead ...	994.9	+6	S	4	c/pr	46	92	8	5	-	-	9	9	1500	1	3
	Chester (Sealand)	999.1	-16	SE	4	rr	43	92	6	-	2	-	10	10	1500	1	*
8	Manchester ...	1000.5	-30	SE'E	4	ir.	43	85	5	6	2	-	7-8	10	1500	1	*
10	Spurn Head ...	1005.9	-28	ESE	7	RR	40	92	5	5	-	-	10	10	800	1	4
	Catterick ...	1003.6	-34	SE'S	4	rs	35	97	5	6	-	-	10	10	800	1	*
	Tynemouth ...	1004.0	-50	SE	8	rr	38	97	6	6	-	-	10	10	800	1	4
11	Inchkeith ...	1004.1	-20	ESE	5	ir.	35	92	6	5	-	-	10	10	1500	1	3
	Leuchars ...	1006.4	-28	ESE	6	r.r.	38	75	6	5	2	-	9+	10	1500	1	*
12	Renfrew (Abbotsl.)	1000.7	-48	E'N	4	sf	33	97	3	-	-	-	10	10	4150	7	*
	Eskdalemuir ...	1001.3	-42	SE	8	ss	33	97	3	-	2	-	10	10	4150	7	*
	Point of Ayre...	995.1	-40	SSE	7	rs	41	97	6	6	-	-	10	10	450	1	4
13A	Tiree	996.1	-32	E	7	r.r.	36	85	6	-	2	-	10	10	1500	1	4
13B	Stornoway ...	1003.8	-16	E	7	c	39	55	8	5	1	-	2-3	10	2500	1	3
15	Dalwhinnie ...	1004.4	-14	SE'E	6	K/s	31	92	3	6	-	-	10	10	800	0	*
	Aberdeen ...	1008.5	-24	SE	5	c	40	85	6	6	2	-	Tr	10	1500	1	3
	Wick ...	1008.9	-20	SE	6	c	40	75	8	5	2	-	7-8	10	1500	1	3
16	Lerwick ...	1014.0	-2	NE	2	bc	36	65	8	8	-	-	4-6	4-6	1500	4	*
17	Blacksod Point	986.4	0	ESE	3	bc	46	85	9	9	-	-	7-8	7-8	1500	1	3
18	Malin Head ...	990.6	-40	E	4	r.r.	39	97	6	6	-	-	9+	9+	1500	1	3
	Aldergrove ...	991.7	-30	SE'E	4	r.r.	39	97	6	6	2	-	7-8	9+	800	4	*
19	Birr Castle ...	988.5	-2	S	2	c/pr	49	92	8	9	7	-	7-8	9+	1500	1	*
20	Valentia Obsy. †	984.5	-6	S	6	bc	50	85	8	2	-	1	4-6	4-6	1500	1	4
	Roches Point	988.7	-6	SW	6	c/r	49	92	7	6	-	5	7-8	9	1500	1	5

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 16th. (37)	13h.—18h. 16th. (38)	18h.—1h. 16th to 17th. (39)	1h.—7h. 17th. (40)
1	London (Kew)	cxccr.	cr.rr	r.r.cm.	cPRpr
	Croydon ...	cz.r.	crrm.	rrcm.c	cpcpr
	S. Farnborough	cm.r.o	r.rrm.o	rrrcbc	bccprm.
	Boscombe Down	cr.r.rr	crrm.	crrcpr.	bcerr
	Calshot (Sthmtn.)	cr.rrm.	cr.r.m.	cirm.cbc	bcPR
	Lympne ...	bcc	cr.cr.r.	crrm.b	bwc
	Manston ...	b.bc.c	cons.c.r.	rrm.ob	b.c
2	Shoeburyness ...	bm.c	rrc	rrirc	cbcc
	Felixstowe ...	bccm.	cr.r.ir.c	crrc	c.bc
	Gorleston ...	bccq	or.oq	orrbcb	bbcc
	Mildenhall ...	bm.cz.	cr.r.	cr.r.z.	cr.bcm.
	Cranwell ...	ofxbcmc	ddr.r.r	orrcm.	ircm.
3	Birmingham ...	c.s.r.s.	orrc	cir.r	c
	Upper Heyford	cxr.r.m.	r.r.rrm.	cr.bcirc	cir.m.r.
4	Ross-on-Wye	corr	rrqc	bccoR	coR
5	Portland Bill ...	Rr	rrc	c	cprc
	Plymouth ...	orrir.r.r.	cr.r.rqbc	bccprm.	cm.cbc
	The Lizard ...	Rrc	cbcc	prbcq	cpr.c
	Scilly (St. Mary's)	irrrbc	bcc	p.cbc	cpparp
	Guernsey ...	orrco	orir	cbcbw	bwcpr
6	Pembroke ...	crrm.qc	oirmb	bcprlqcbc	bccqpr
7	Holyhead ...	ir.rrc	r.r.pr.c	cprm.b	bcm.
	Chester (Sealand)	xrs.r.sm.	crrir.m.	crrm.r.b	cm.ir.c
8	Manchester ...	cmrir	rrr.r.cr.	ir.cm.	r.r.cm.
10	Spurn Head ...	bczc	oqrr	rrobc	bcc
	Catterick ...	fxcmm.	r.rsrs	rsm.r.m.	rsm.ofc
	Tynemouth ...	bcc	corrq	o	o
11	Inchkeith ...	bcc	cz.ir.	icc	cr.r.
	Leuchars ...	bwc ⊕	cr.s.r.r.	cRSRS	corrm.
12	Renfrew (Abbotsl.)	bccmfz.	crsssmf	ssfRS	rsiRS
	Eskdalemuir ...	cxcm.	oSS	oSSir	orrir.
	Point of Ayre...	bcors	rs	rs.r	c
13A	Tiree	c	cirr.	orsR	cir
13B	Stornoway ...	cbcy	bccy	cr.r.c	r.r.r.r.c
15	Dalwhinnie ...	c	csk	*	ksc
	Aberdeen ...	bfxbc	bccz.	rs.r.	cr.d.
	Wick ...	bc	bcc	cpbrs	crsrs
16	Lerwick ...	bcw	bc	bc	bcc
17	Blacksod Point	iRq	ir	prc	prc
18	Malin Head ...	cr.r	cr.r	cir.c	bcc
	Aldergrove ...	ccrs.ss	ossrrr.r.	cirm.	cbccm.
19	Birr Castle ...	crr	crrpr	cpr	cprc
20	Valentia Obsy. †	Rr.crbc	prcbc	tlpb.	rrRc
	Roches Point	rri-c	prhirc	cir.c	cir.

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.

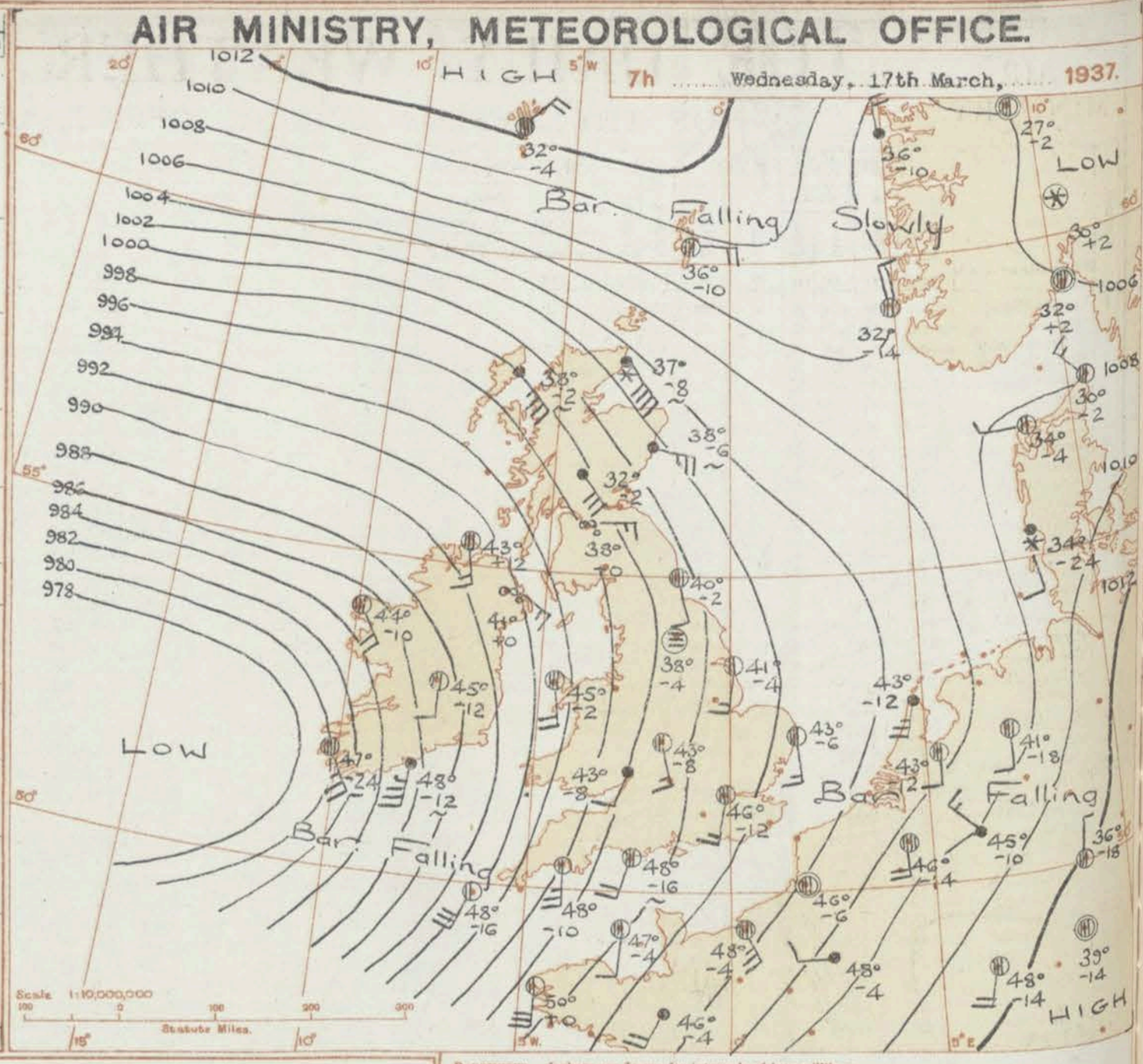
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 16th March, 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. 15th	Sunshine (Hrs) Sunrise to Sunset. 15th
1	Tunbridge W.	o	or	26	46	–	1	0.3	8.5
	Bournemouth	droor	r	30	46	0.5	9	0.0	8.0
	Ventnor ...	ooor	or	36	46	–	4	0.0	10.2
	Southsea ...	o	or	34	46	–	5	0.0	9.2
	Bognor Regis	oir	oir	32	47	–	3	0.0	9.4
	Littlehampton	coro	orr	30	47	–	2	0.0	9.6
	Worthing ...	or	or	31	47	–	2	0.0	9.8
	Brighton ...	cr	crc	30	48	–	2	0.0	9.4
	Eastbourne† ...	o	or	30	48	–	0.3	0.0	9.1
	Hastings† ...	cco	copr	32	48	–	0.5	0.5	8.9
	Folkestone ...	co	ooro	29	47	–	0.3	1.8	7.5
	Dover ...	bcc	cp	29	48	Trace	Trace	2.9	8.5
	Deal	bco	or,oo	29	47	–	Trace	2.7	6.1
	Ramsgate ...	bcc	crc	34	46	–	0.4	3.0	7.3
	Margate ...	bcc	cd	33	46	–	Trace	2.9	6.9
2	Southend ...	co	or	33	45	Trace	Trace	1.6	7.3
	Maldon ...	co	oro	26	45	–	1	0.8	6.8
	Clacton-on-Sea	bcc	coirc	31	44	–	1	2.7	7.0
	Dovercourt ...	xbc	poc	30	44	–	Trace	3.2	6.8
	Lowestoft ...	bbcc	ccr	27	43	0.3	0.1	3.0	0.0
	Skegness ...	xbco	orrq	29	42	0.1	1	2.1	2.3
	Mablethorpe...	bcco	orq	26	41	–	2	1.6	1.5
	Cleethorpes ...	bcc	cor	26	41	Trace	1	1.3	1.0
3	Leamington S.	od	or	26	43	–	2	0.0	8.6
4	Cheltenham†	orrm	orrm	29	45	Trace	9	0.0	9.8
5	Bath	crr	rrc	29	48	–	11	0.0	8.4
	Weymouth ...	rr	rc	33	49	4	6	0.0	6.7
	Jersey ...	coc	cpc	40	51	5	1	0.0	10.0
	Torquay ...	roor	orbcc	32	52	9	5	0.7	9.6
	Penzance ...	qrr	bcc	40	52	7	4	3.4	10.4
	St. Ives ...	pr	b	38	52	12	8	3.8	9.0
	Bude... ...	r	cbc	33	53	2	5	3.2	8.3
	Ilfracombe ...	orr	rrobc	35	53	2	6	1.3	7.9
6	Aberystwyth	crr	rrbcc	33	49	–	6	0.5	9.2
7	Llandudno ...	crsr	circ	30	44	–	4	0.0	7.5
	Colwyn Bay...	corsr	ropcp	31	44	0.3	4	0.0	4.8
	Rhyl	ors	rscpr	28	44	–	5	0.1	5.8
8	Wallasey ...	orsr	ir	32	42	–	3	0.0	8.1
	Southport ...	orsrq	rairo	28	41	–	2	0.0	7.8
	Blackpool ...	cors	oro	28	41	–	3	0.0	9.0
	Morecambe ...	c	rsiro	29	41	–	5	0.0	7.8
9	Ilkley... ...	fors	hgsrs	23	36	–	11	0.0	3.0
	Harrogate ...	coisq	rsRS	26	36	–	6	0.0	3.3
10	Berwick-on-T.	bbc	cor	24	40	–	Trace	4.1	8.0
11	Dunbar ...	bcx	ors	26	39	–	0.5	4.4	9.0
12	Troon... ...	xccoc	cocor	31	40	–	Trace	0.0	8.4
	Douglas ...	bcx	cgrsr	32	40	–	9	0.0	7.8

† 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. 17th March, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ...	South to southwest winds, strong at times; cloudy and bright periods; occasional rain; hail locally; average temperature.
8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Southeasterly winds, strong at times; cloudy and bright periods, occasional rain; hail locally; average temperature.
13 A. W. Scotld. / B.N.W.Scotland.	Southeasterly winds, strong to gale locally at first, moderating; rain at first, showers and bright intervals later; rather cold.
14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	
17 N. W. Ireland 18 N. E. Ireland	As 8 - 13A.
19 S. E. Ireland 20 S. W. Ireland	Southwesterly winds, moderate to strong, stronger locally at first; rain or hail showers, bright intervals; average temperature.

GENERAL INFERENCE

A depression centred to the west of Ireland will move eastwards. Rain or hail will occur in most districts but there will also be considerable fair periods.

FURTHER OUTLOOK.

Bright intervals; showers.

Times of issue of Gale Warnings.

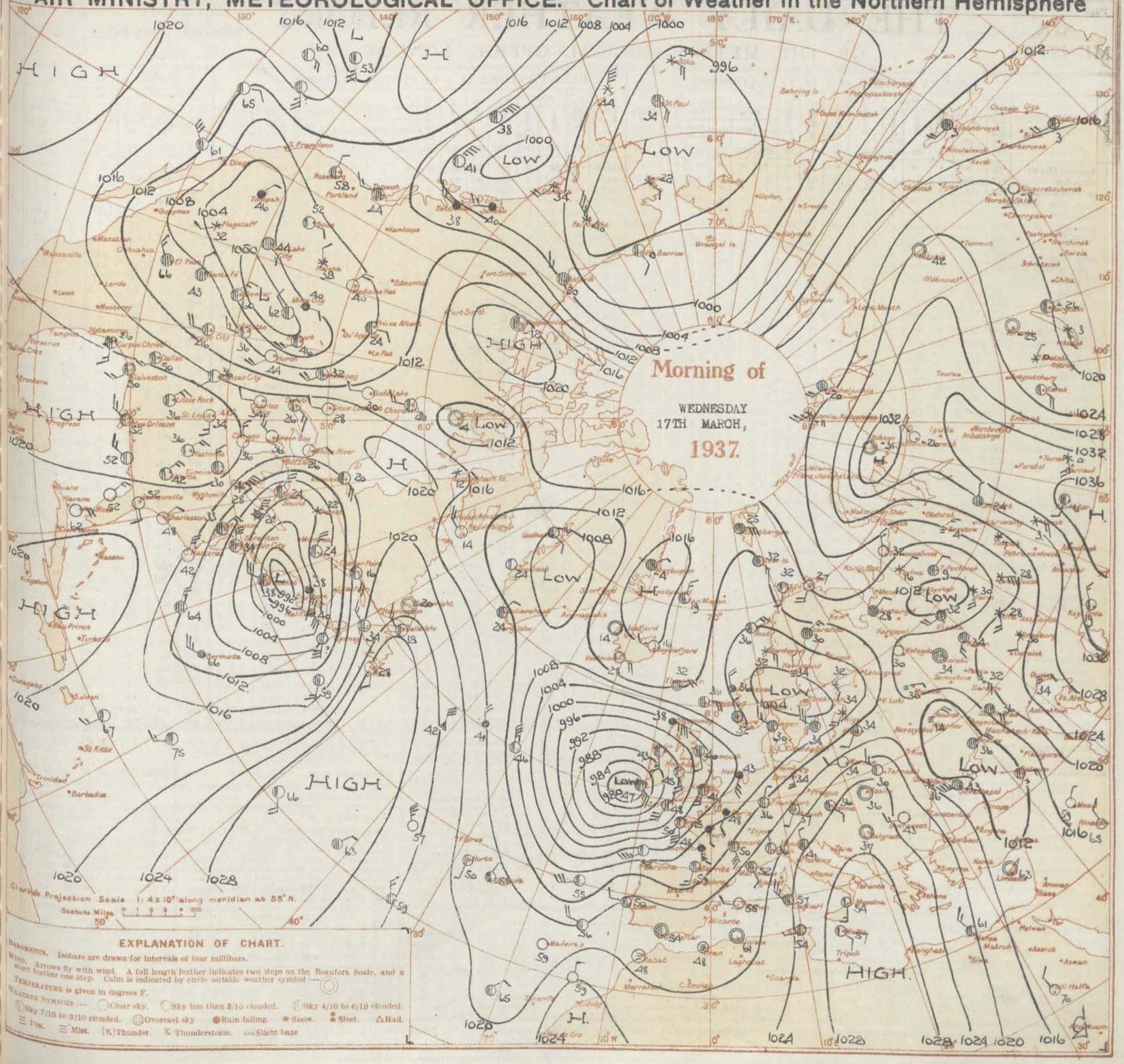
V South Cone hoisted at 1830 on 15th in dist. 5, 6, 17, 19 and 20.
V South Cone hoisted at 0745 on 16th in dist. 1(part of), 7, 8, 12, 13, 15, 16 and 18.

Forecasts issued at 1015 G.M.T.

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

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

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, 17th March, 1937.

No. 27509

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	Hum'd. % (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1005.4	-6	SSW	4	c	46	92	7	5	–	–	9+	9+	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1005.7	-6	SSW	3	b	45	92	9	5	–	–	1	1	2500
	Manston ...	142	1005.1	-6	SSW	3	b	46	92	8	–	–	–	0	0	–
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1004.4	-6	S'E	4	b	42	92	6	–	–	–	0	0	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1000.9	-6	SSW	4	c	46	92	7	4	–	–	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	997.9	-6	S'E	6	pr	49	97	7	8	–	–	7-8	7-8	1500
	Scilly (St. Mary's)	163	995.5	-4	S'W	5	bc	49	85	6	8	–	–	4-6	4-6	2500
	Guernsey ..	175	1003.8	-12	S'W	2	b	47	97	6	–	–	–	0	0	–
6	Pembroke ...	142	994.1	-2	S'W	6	q	47	92	6	5	–	–	2-3	2-3	4000
7	Holyhead ...	26	995.0	+2	S	4	bc	47	92	6	5	–	1	2-3	2-3	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1002.7	-4	SW'S	3	bc	41	97	6	–	1	–	0	4-6	–
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	999.9	-6	S	2	o	40	92	6	–	2	–	10	10	1500
11	Inchkeith ...	190	999.4	-12	ESE	4	c	37	92	8	5	–	–	7-8	7-8	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	995.1	-2	S'W	4	r₀r₀	43	97	7	6	–	–	10	10	800
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	999.6	-10	ESE	8	r₀r₀	38	75	7	5	–	–	10	10	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1005.9	-10	SE	8	prs	39	85	8	5	2	–	7-8	10	1500
16	Lerwick ...	156	1012.2	-4	E	4	bc	36	65	8	8	–	–	4-6	4-6	1500
17	Blacksod Point	18	986.6	+10	S'E	3	c	45	92	7	9	–	–	9	9	800
18	Malin Head ...	84	989.6	+2	SE	2	bc	43	97	7	9	–	1	4-6	4-6	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	984.3	-14	S'E	6	bc	47	92	7	9	–	–	4-6	4-6	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1000.9	-8	SE	2	pr	47	92	6	5	–	–	9	9	1500	1	*
Croydon ...	1000.8	-12	S'W	3	c/pr	46	92	7	5	–	–	9+	9+	1500	1	*
S. Farnborough	1000.3	-10	S	3	c/pr	46	97	6	9	3	–	9	9+	800	2	*
Boscombe Down	999.2	-16	S'E	3	rr	46	97	6	6	2	–	9	10	800	1	*
Calshot (Sthmtn.)	1000.9	-10	SSE	5	ir₀	47	92	6	6	7	–	4-6	9	1500	1	3
Lympne ...	1003.5	-10	S	3	c	45	92	8	5	–	–	9+	9+	2500	1	§3
Manston ...	1003.0	-10	S'W	3	c	44	92	7	5	7	r	4-6	7-8	4000	1	*
Shoeburyness ...	1002.6	-10	SSE	3	c	44	92	8	8	7	–	7-8	9	1500	1	*
Felixstowe ...	1002.7	-18	S	2	c	45	97	8	5	3	–	4-6	7-8	2500	1	2
Gorleston ...	1002.7	-6	S'E	3	c	45	85	6	5	4	–	4-6	7-8	2500	1	3
Mildenhall ...	1001.1	-8	S'E	3	pr	44	97	5	8	4	1	4-6	4-6	2500	1	*
Cranwell ...	1000.7	-6	S'E	3	z₀	42	97	5	5	–	–	9+	9+	1500	1	*
Birmingham ...	998.6	-8	SSE	3	c	43	97	5	5	7	–	9	9+	450	1	*
Upper Heyford	999.8	-6	SSE	3	c/r	45	97	6	5	7	–	4-6	9+	450	1	*
Ross-on-Wye	997.7	-8	SW	2	RR	43	92	6	6	–	–	10	10	1500	1	*
Portland Bill ...	997.8	-16	SSW	4	c	48	92	7	4	–	–	9	9	2500	2	4
Plymouth ...	996.4	-10	S	5	bc	46	92	7	5	3	–	2-3	4-6	1500	1	3
The Lizard ...	994.2	-6	S	6	c	49	86	8	8	7	–	4-6	7-8	2500	1	4
Scilly (St. Mary's)	992.2	-16	SSW	6	bc	48	78	7	3	4	–	2-3	4-6	1500	1	3
Guernsey ..	1001.0	-4	S'W	2	c	47	97	7	8	3	–	4-6	7-8	2500	1	3
Pembroke ...	992.0	-10	S'W	6	pr	47	85	7	8	6	–	7-8	9	2500	1	3
Holyhead ...	993.4	-2	SSE	4	c	45	85	7	8	8	1	4-6	7-8	2500	1	2
Chester (Sealand)	997.3	-4	SSW	1	c/r	41	92	6	–	2	–	10	10	2500	1	*
Manchester ...	997.7	-6	SE'E	2	z₀	42	97	5	5	3	–	7-8	9	2500	1	*
Spurn Head ...	999.4	-4	S'W	3	bc	41	97	6	5	1	–	4-6	4-6	2500	1	3
Catterick ...	998.2	-4	–	0	F	38	97	1	–	–	–	10	10	4150	1	*
Tynemouth ...	998.5	-2	SSE	2	o	40	97	6	5	–	–	10	10	1500	1	2
Inchkeith ...	997.4	-6	NE	3	r₀r₀	38	97	6	5	–	–	10	10	1500	1	2
Leuchars ...	998.5	-2	E	3	rr	40	97	5	6	–	–	10	10	450	1	*
Renfrew (Abbots I.)	996.6	0	E	3	z₀	38	97	5	5	–	–	10	10	1500	1	*
Eskdalemuir ...	997.1	-4	N	2	ir₀	36	97	6	5	–	–	10	10	800	6	*
Point of Ayre...	994.8	-2	SSE	3	o	43	97	7	5	–	–	10	10	1500	1	2
Tiree	992.8	+8	ESE	5	c	42	92	7	5	–	–	9+	9+	2500	1	3
Stornoway ...	997.7	-2	ESE	7	rr	38	92	7	5	2	–	7-8	10	2500	1	5
Dalwhinnie ...	998.4	-2	SE	6	RR	32	97	5	6	–	–	10	10	1500	9	*
Aberdeen ...	1001.2	-6	E'S	5	d₀d₀	38	92	6	6	2	–	9+	10	800	1	4
Wick ...	1002.5	-8	SE	8	rs	37	97	7	5	2	–	7-8	10	800	1	4
Lerwick ...	1009.4	-10	E	4	c	36	65	8	8	7	2	4-6	7-8	1500	4	*
Blacksod Point	985.6	-10	SE	4	c	44	92	8	9	–	–	7-8	7-8	1500	1	3
Malin Head ...	990.3	+12	SSE	3	c	43	97	7	5	7	–	4-6	7-8	1500	1	1
Aldergrove ...	991.9	0	ESE	3	z₀	41	97	6	5	7	–	4-6	9+	5700	4	*
Birr Castle ...	987.4	-12	S	2	c	45	85	8	5	7	–	4-6	7-8	2500	1	*
Valentia Obsy. †	979.5	-24	SE'S	5	o/r	47	85	8	6	–	–	10	10	1500	1	4
Roches Point	985.6	-12	S	7	ir₀	48	85	7	6	1	–	7-8	9+	1500	1	5

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 16th Hrs. (36)
London (Kew)	46	46	43	2	3	0.0
Croydon ...	47	45	43	5	6	0.0
S. Farnborough	45	45	42	7	3	0.0
Boscombe Down	46	44	42	12	5	0.0
Calshot (Sthmtn.)	47	46	45	4	2	0.0
Lympne ...	46	43	39	1	2	1.3
Manston ...	46	42	37	0.3	1	2.9
Shoeburyness ...	45	42	32	0.2	2	1.3
Felixstowe ...	44	41	36	0.4	3	3.0
Gorleston ...	43	41	38	0.5	4	4.1
Mildenhall ...	44	43	39	0.4	2	1.2
Cranwell ...	40	39	34	4	4	0.0
Birmingham ...	43	41	38	8	2	0.0
Upper Heyford	43	43	39	4	2	*
Ross-on-Wye	46	43	40	14	11	0.0
Portland Bill ...	49	46	*	9	1	*
Plymouth ...	50	42	40	10	0.6	1.1
The Lizard ...	51	47	*	7	0.1	*
Scilly (St. Mary's)	53	45	*	4	3	4.2
Guernsey ..	50	47	43	1	0.4	0.6
Pembroke ...	48	45	*	9	0.3	1.8
Holyhead ...	46	44	41	3	1	0.0
Chester (Sealand)	43	39	36	8	1	0.0
Manchester ...	43	36	35	3	0.3	0.0
Spurn Head ...	41	39	*	2	6	2.4
Catterick ...	38	35	34	6	3	0.0
Tynemouth ...	40	38	36	3	6	2.6
Inchkeith ...	40	34	33	0.1	7	3.4
Leuchars ...	41	35	34	0.1	17	4.2
Renfrew (Abbots I.)	39	35	32	1	16	0.0
Eskdalemuir ...	36	32	32	8	10	0.3
Point of Ayre...	41	40	*	11	2	0.0
Tiree	41	36	35	0.6	8	0.0
Stornoway ...	40	37	*	–	1	6.1
Dalwhinnie ...	33	30	26	0.2	4	2.4
Aberdeen ...	41	35	33	–	2	5.2
Wick ...	41	35	*	–	1	*
Lerwick ...	40	34	*	–	–	11.0
Blacksod Point	50	40	*	4	2	*
Malin Head ...	40	38	*	4	0.5	0.0
Aldergrove ...	39	38	36	12	0.4	0.0
Birr Castle ...	51	44	38	9	1	1.3
Valentia Obsy. †	53	43	40	6	11	1.9
Roches Point	49	47	*	11	0.5	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon.	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	ex ccr₀	cr₀r	r₀r₀pr₀	46	46	43	2	3	0.0	*	*	6
Croydon ...	217	cz₀r₀	crrm₀	rrr₀pr	47	45	43	5	6	0.0	*	*	
Greenwich (Royal Observatory) ...	149	cd₀c	cr₀r	rrcir	47	44	35	2	4	0.1	87	86	6
City (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	47	42	41	4		0.0	79	88	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	45	41	40	1	3	0.0	84	92	*
Camden Square ...	110	c	ccr	*	46	46	39	1	3	*	*	87	*
Kensington ...	80	cop	cor	*	46	46	41	1	3	0.0	84	85	*
Hampstead Observatory ...	440	od	or	or	47	44	36	1	3	0.0	*	95	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.	Kew Observatory. Max.	Time.	Min.	Time.
0.6	16-19h 16th	<0.3	1-4h 17th	0.2	8h 16th	<0.1	0-7h 17th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 16th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 17th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris ...	1011.5	S	3	c	54	1007.4	W	2	r₀r₀	48	55	48	–	2
Brussels ...	1013.2	SE	2	c	46	1005.5	S	4	o	46	50	45	–	2
Berlin ...	1015.5	W	3	b	41	1014.1	S'E	3	z₀	34	46	30	Tr	–
Zürich ...	1021.2	SE	3	bc	46	1016.0	SE	2	c	41	54	39	–	–
Rome ...	1026.5	W	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 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, 18th March, 1937.
No. 27510

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	°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)	1000·7	0	S'W	4	c	53	75	8	8	-	1	9	9	1500
	Croydon	1000·9	+2	SW'S	4	c	51	75	7	2	6	3	4-6	7-8	2500
	S. Farnborough	1000·4	+2	SSW	4	c/phr	52	85	7	9	-	2	7-8	9	1500
	Boscombe Down	999·3	+2	S'W	6	pr_o	51	85	7	8	-	-	9	9	1500
	Calshot (Sthmtn.)	1001·2	+6	S	5	c	49	85	7	8	7	-	7-8	9+	2500
	Lympne	1003·0	-2	SSW	5	c	50	85	7	5	-	-	9+	9+	2500
	Manston	1001·9	-4	SSW	5	c	50	75	7	5	-	-	10	10	1500
2	Shoeburyness	1001·8	-6	SSW	4	c/pr	51	85	8	8	7	-	7-8	9+	2500
	Felixstowe	1002·0	-2	S'E	3	c	47	85	7	5	3	8	4-6	9	2500
	Gorleston	1001·8	-6	S'E	4	c/pr	46	92	6	8	-	-	9	9	2500
	Mildenhall	1000·1	-6	S'W	5	c/pr	54	75	6	8	3	2	4-6	7-8	2500
	Cranwell	999·5	-2	S'W	3	$r_o r_o$	47	85	8	9	7	-	7-8	9+	1500
3	Birmingham	998·1	-4	SSW	3	c	52	65	8	8	-	-	7-8	7-8	2500
	Upper Heyford	999·1	-4	SSW	4	c	53	65	8	8	-	6	4-6	7-8	1500
4	Ross-on-Wye	997·8	0	SW	3	c/Hr_o	48	75	8	3	-	3	7-8	9	2500
5	Portland Bill	999·6	+10	S	4	c/pr	48	85	7	4	-	-	9	9	2500
	Plymouth	996·5	-6	SSE	5	c	49	85	8	5	2	-	9	10	2500
	The Lizard	995·1	0	S'E	7	pr_o	48	92	7	6	7	-	7-8	9+	1500
	Scilly (St. Mary's)	991·5	-4	S'W	6	c	51	85	7	8	7	3	4-6	7-8	1500
	Guernsey	1000·9	+2	SSW	4	bc	54	75	7	8	1	-	2-3	4-6	2500
6	Pembroke	992·3	-2	S'E	6	q	~~47~~ 49	75	7	5	6	-	7-8	9	2500
7	Holyhead	993·6	0	SE'S	4	bc	51	75	8	2	8	1	2-3	2-3	2500
	Chester (Sealand)	996·2	-4	SE	2	bc	55	65	7	2	7	-	2-3	2-3	2500
8	Manchester	997·3	-2	SSE	3	z_o	50	75	6	8	3	-	7-8	9+	2500
10	Spurn Head	999·4	-4	SSW	2	c	48	85	6	8	2	-	7-8	9	1500
	Catterick	998·1	-4	-	0	rf	40	97	2	-	-	-	10	10	<150
	Tynemouth	998·9	+4	S	2	c	44	92	6	-	2	-	9	9	1500
11	Inchkeith	997·0	-4	ENE	2	z_o	41	97	6	5	-	-	9+	9+	800
	Leuchars	999·0	+2	E	2	df	41	97	3	5	-	-	10	10	450
12	Renfrew (Abbots I.)	997·5	+6	ENE	3	rf	42	97	3	-	2	-	10	10	800
	Eskdalemuir	997·5	0	NNE	2	c	39	92	6	5	2	-	9+	10	800
	Point of Ayre	995·0	+4	S	3	bc	49	92	7	-	4	-	0	4-6	-
13A	Tiree	994·3	+8	ESE	5	c/r	46	85	7	5	7	8	4-6	9+	1500
13B	Stornoway	998·8	+4	ESE	7	c	41	85	8	5	7	2	7-8	9+	2500
15	Dalwhinnie	1000·0	+4	N	2	c	35	92	7	4	2	-	4-6	10	2500
	Aberdeen	1001·9	+4	E'S	5	$r_o r_o$	39	92	6	6	-	-	10	10	800
	Wick	1004·0	+2	ESE	8	c	39	92	7	5	2	-	7-8	10	800
16	Lerwick	1008·1	-8	ENE	4	c	39	65	8	8	7	1	4-6	7-8	2500
17	Blacksod Point	984·6	+2	ESE	5	c	46	85	8	8	-	-	10	10	1500
18	Malin Head	991·1	+8	SSE	4	c	47	97	7	8	7	-	4-6	7-8	2500
	Aldergrove	992·3	0	SE	5	z_o	49	85	6	5	-	2	1	2-3	1500
19	Birr Castle	986·5	-4	S	3	c/pr	53	75	8	8	7	-	7-8	9+	2500
20	Valentia Obsy. †	981·4	+18	SW	5	pr_o	50	92	7	6	-	-	10	10	800
	Roches Point	985·3	+2	S	5	c	50	85	7	3	3	3	4-6	7-8	1500

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud Form Low (23)	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)	1001·0	+4	SSW	3	$r_o r_o$	49	75	6	6	-	-	10	10	800	1	*
Croydon	1001·0	+4	SSW	4	$r_o r_o$	49	75	6	6	7	-	4-6	9+	2500	1	*
S. Farnborough	1000·4	+2	S'E	4	c/r	47	85	6	5	2	-	7-8	9+	2500	2	*
Boscombe Down	999·2	-2	S'E	4	rr	45	~~85~~ 97	6	6	2	-	9+	10	800	2	*
Calshot (Sthmtn.)	1000·5	-4	S'E	4	pr_o	48	85	7	9	7	-	7-8	9+	1500	1	§ 3
Lympne	1003·8	+2	SSW	4	c	46	75	8	5	6	4	2-3	7-8	2500	1	3
Manston	1003·1	+4	SSW	4	bc	47	75	7	-	9	-	0	4-6	-	1	*
Shoeburyness	1002·1	+4	SSW	3	c	47	85	8	3	7	-	4-6	7-8	4000	1	*
Felixstowe	1002·4	+4	S	3	bc	45	85	7	5	4	8	4-6	4-6	2500	1	2
Gorleston	1002·3	+4	WSW	2	c/Hr_o	46	85	6	8	-	-	9	9	2500	1	2
Mildenhall	1000·8	+6	S'W	3	bc	48	85	7	5	6	3	2-3	2-3	2500	1	*
Cranwell	999·4	+6	S	3	c	45	85	7	5	7	2	4-6	7-8	2500	1	*
Birmingham	997·7	-4	S	3	pr_o	48	65	8	9	7	-	9	10	1500	1	*
Upper Heyford	999·4	+2	S	5	c/pr	46	85	8	9	7	3	7-8	9+	1500	1	*
Ross-on-Wye	996·2	-6	S'E	3	pr_o	46	92	6	6	-	1	9	9+	1500	1	*
Portland Bill	997·8	-10	SSW	4	c	49	85	7	5	2	-	7-8	10	1500	2	4
Plymouth	995·4	0	S'W	6	c/pr	49	92	6	9	7	4	7-8	9	1500	1	3
The Lizard	994·9	+2	S'W	6	bc	49	92	7	8	6	1	4-6	4-6	2500	1	4
Scilly (St. Mary's)	992·6	+16	SW'S	5	bc	50	85	7	8	4	4	2-3	4-6	1500	1	3
Guernsey	1001·1	+4	SW	4	c/pr	50	75	7	8	-	-	7-8	7-8	2500	1	3
Pembroke	989·8	-10	S'W	6	q	47	92	7	8	-	-	9	9	2500	1	3
Holyhead	992·6	-6	SSE	4	c	47	85	8	8	2	-	7-8	9+	2500	1	2
Chester (Sealand)	995·6	-6	SE'E	3	pr_o	48	75	6	5	-	-	9	9	2500	1	*
Manchester	996·2	-10	ESE	3	z_o	46	85	5	2	8	9	1	2-3	2500	1	
Spurn Head	999·6	+4	SW'S	3	pr_o	43	92	7	5	2	-	4-6	9+	1500	1	2
Catterick	997·4	-2	-	0	m	42	92	4	9	-	-	9+	9+	1500	1	*
Tynemouth	998·1	-2	SE	1	m	42	92	4	5	3	-	4-6	7-8	1500	1	2
Inchkeith	996·8	-4	E	3	rf	39	97	3	5	-	-	10	10	220	1	2
Leuchars	998·8	-2	E	2	df	40	97	3	5	-	-	10	10	450	1	*
Renfrew (Abbots I.)	997·0	-2	E'N	4	c/r	42	97	4	5	-	-	10	10	800	1	*
Eskdalemuir	997·2	-4	NNE	2	f+	37	97	2	5	-	-	10	10	450	6	*
Point of Ayre	994·2	-8	S	1	bc	44	97	7	4	5	-	2-3	4-6	2500	1	1
Tiree	994·3	0	E	5	c	43	85	8	5	7	2	2-3	7-8	2500	0	3
Stornoway	1000·0	+4	ESE	7	c	40	85	8	5	2	-	9	10	2500	1	5
Dalwhinnie	1000·5	0	NE	3	c	35	85	6	8	4	-	7-8	10	2500	9	*
Aberdeen	1002·2	+4	E	4	rr	39	92	6	6	2	-	9+	10	450	1	4
Wick	1003·9	0	ESE	6	c	39	85	8	5	7	-	7-8	9+	800	1	4
Lerwick	1007·5	-6	ENE	3	c	38	75	8	5	8	1	4-6	7-8	2500	1	*
Blacksod Point	984·3	-2	ESE	4	c	46	92	8	9	-	-	9	9	800	1	3
Malin Head	990·6	+2	E	5	c	46	97	6	5	9	9	4-6	9	1500	0	2
Aldergrove	991·7	-4	ESE	4	ir_o	46	85	7	5	7	-	4-6	9	2500	4	*
Birr Castle	986·5	+6	S	2	pr_o	49	85	8	8	7	-	7-8	9+	2500	1	*
Valentia Obsy. †	983·7	+10	S	4	bc	51	85	8	2	-	6	4-6	4-6	1500	1	4
Roches Point	987·1	+18	SW	4	c	48	92	7	5	-	5	2-3	7-8	1500	1	5

PAST 24 HOURS.

Stations	Weather 7h.–13h. 17th (37)	Weather 13h.–18h. 17th (38)	Weather 18h. 17th to 1h. 18th (39)	Weather 1h.–7h. 18th (40)
London (Kew)	cpr_oc	HcpRH	cir_oc	cpr_oc
Croydon	prmir_oc	cbccy	$r_o r_o$pr_ob	cp$r_o$bc
S. Farnborough	prrpr_oc	qPRhbr	cprc	cp$r_o$bc
Boscombe Down	crrcpr_o	p$r_o$prhr	rrp$r_o$rr	crrm$_o$c
Calshot (Sthmtn.)	cp$r_o$bc	cPHRq	cpr~~bc~~ bc	bcc
Lympne	cprc	c,bbc	p$r_o$bcb.	bbccw.
Manston	cpr_o	cbc	bcb.	b,c.
Shoeburyness	cpp$_o$c	cbcpc	bcb,bc.	bcc
Felixstowe	bcpr_oc	cPRHc	cp$r_o$rbc	bc,c
Gorleston	cqpr_o	cH prh	or_ob.	bbccq.
Mildenhall	bcprcr$_o$pr_o	pr_oHRbrbc	bccr$_o$r$_o$bc	bcc
Cranwell	cp$r_o r_o r_o$	qprtlr$_o$	bcc.	cpr$_o$
Birmingham	cprbc	prhrbc	cpr.	crc.
Upper Heyford	r$_o$Rcbc	PRHbcPR	r$_o$Rr$_o$Rr$_o$	r$_o$Rr$_o$cp$_o$
Ross-on-Wye	Rcbcctpl	bccro	cir$_o$P.	crc
Portland Bill	cPR	cPR	cPR	c
Plymouth	bccpr	crrq~~pr~~ pr	cpr$_o$prbc	bbccPR
The Lizard	cprqc	cprcq	cprbc	cpr bc
Scilly (St. Mary's)	bcc pqc	cp$_o$qbc	p$_o$irbc	bclp$_o$q.
Guernsey	cbcpr	cbcpr	cPRq	bcpr_o
Pembroke	cbcprqc	cprm$_o$	cbcqb.	bcq.
Holyhead	bc ⊕	bcpr_oc	r$_o$rrm$_o$c	cirm$_o$bc
Chester (Sealand)	cir$_o$m$_o$bc	cprbcpr_o	cpr$_o$z$_o$pm	c
Manchester	cr$_o$r$_o$crm$_o$	crrHm$_o$	bmz$_o$fpr	cpr$_o$cm$_o$
Spurn Head	c	rchpr	c	cir$_o$
Catterick	Fefrr	frrcm$_o$	cm$_o$fr$_o$	frrof.
Tynemouth	ocp$_o$m	cir$_o$m	or$_o$mbc	or$_o$r$_o$m.
Inchkeith	r$_o$r$_o$z$_o$	z$_o$rfe	rfiff	ff.
Leuchars	or$_o$r$_o$df	oddd$_o$ff	od$_o$fir$_o$	~~ocrff~~ dff
Renfrew (Abbots I.)	r$_o$r$_o$fR	rrfr$_o$c	cm.	cmid$_o$
Eskdalemuir	r$_o$crrc	r$_o$r$_o$ff	ifbc	ifbcrr.
Point of Ayre	prpr$_o$	bc	bccbc	rrr$_o$r.
Tiree	cir	cbc	bcb.	bbc
Stornoway	crrir	c	crr	r$_o$r$_o$c
Dalwhinnie	irc	c	*	cir.
Aberdeen	rr$_o$r$_o$	orrm$_o$	orro	m$_o$rr,o.
Wick	rsrsc	c	c	cprc
Lerwick	c	c	cbc	cpbr.
Blacksod Point	prc	prc.	bc	pr$_o$c
Malin Head	c	cz$_o$z$_o$	cidc	cid$_o$
Aldergrove	cmbcm$_o$	cm$_o$bc	cr$_o$x,b,c	or$_o$xdom
Birr Castle	cpr$_o$	cpr$_o$	cpr$_o$	cpr$_o$bc
Valentia Obsy. †	iRir$_o$pr	prcbc	pr$_o$pr.	prc
Roches Point	cir$_o$c	cbcc	cbc	cir

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.*

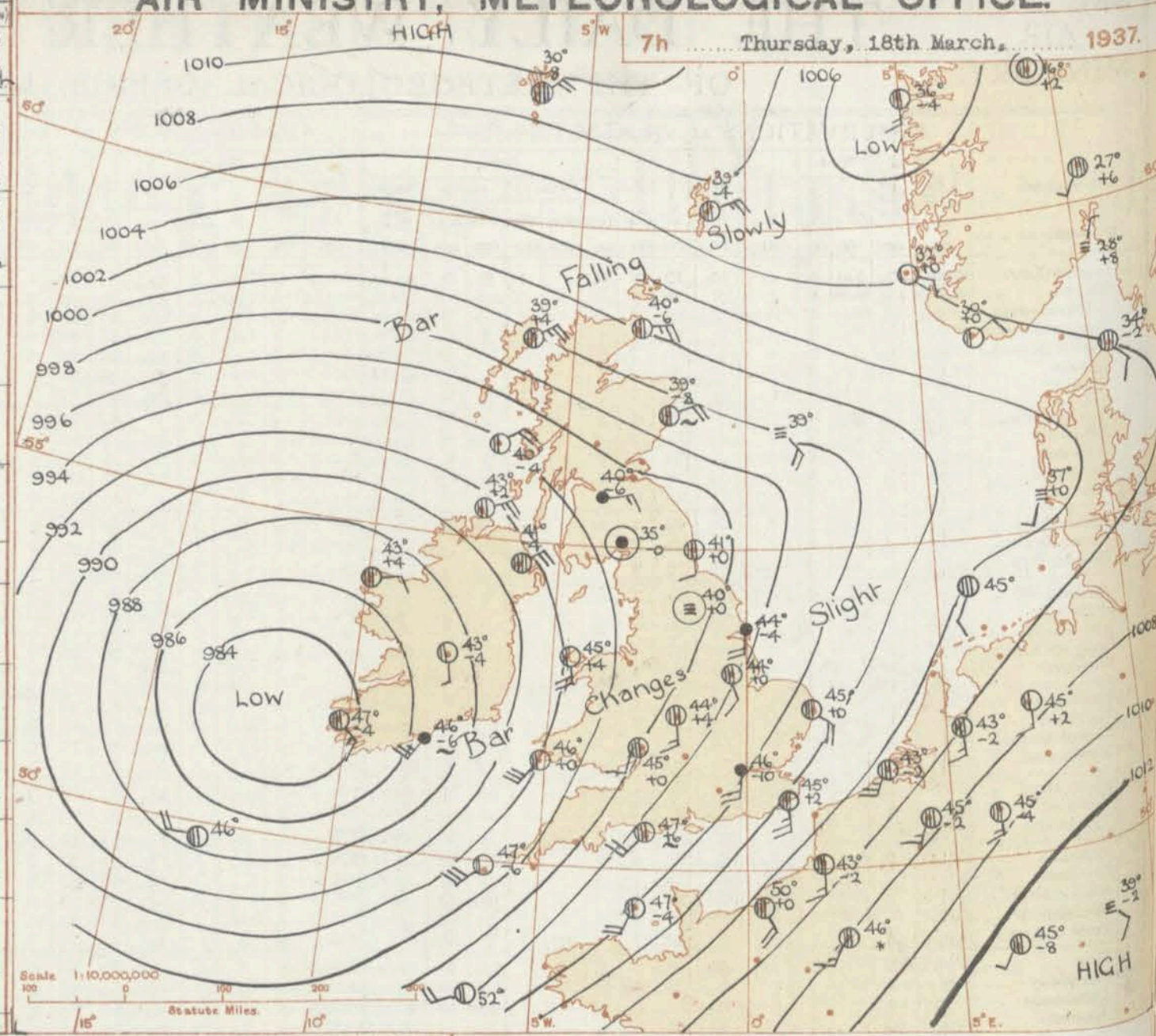
§ Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 17th March 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.	o	cbc	40	54	7	–	1·7	0·3
	Bournemouth	bcbc	bcro	43	52	2	2	2·6	0·0
	Ventnor ...	rcb	bcor	43	52	5	0·5	5·6	0·0
	Southsea ...	cbcb	bcoir	43	55	4	1	4·4	0·0
	Bognor Regis	bcbc	crbcc	43	49	4	Trace	4·8	0·0
	Littlehampton	cbc	bcpbc	43	50	6	Trace	5·9	0·0
	Worthing ...	bcbbc	bbc	43	51	4	–	5·3	0·0
	Brighton ...	cb	bcb	43	50	5	–	4·8	0·0
	Eastbourne† ...	ocbcc	cbc	45	53	3	–	4·6	0·0
	Hastings† ...	cbcbc	bcbbc	44	51	4	–	4·5	0·5
	Folkestone ...	corc	cbcb	42	52	2	Trace	4·0	1·8
	Dover ...	cir	cbc	44	52	2	Trace	3·8	2·9
	Deal	ocbc	cb	43	54	2	–	4·9	2·7
	Ramsgate ...	c	cbc	42	52	1	–.	2·5	3·0
	Margate ...	cd	bc	43	54	1	Trace	2·8	2·9
2	Southend ...	cproc	cpbcc	41	52	5	0·3	3·5	1·6
	Maldon ...	cp	cpt	39	55	7	0·5	1·7	0·5
	Clacton-on-Sea	cpc	cpbc	40	48	4	0·4	1·8	2·7
	Dovercourt ...	bc	bcpbc	41	51	4	2	3·2	3·2
	Lowestoft ...	bcbcc	cprbc	39	52	5	Trace	4·5	3·0
	Skegness ...	bcpbc	rbct	38	50	5	1	3·0	2·1
	Mablethorpe...	bcc	corbct	37	53	7	3	4·4	1·6
	Cleethorpes ...	bcor	orcbc	35	54	7	1	3·0	1·3
3	Leamington S.	oroc	cpc	39	53	8	Trace	3·3	0·0
4	Cheltenham†	cbcc	ithrc	43	55	3	4	4·0	0·0
5	Bath	cbc	bbccr	42	54	3	2	2·9	0·3
	Weymouth ...	cbc	pcthPc	44	52	1	11	1·9	0·0
	Jersey ...	pcbcc	bc	44	54	0·5	–	5·0	0·0
	Torquay ...	cirbc	rpbor	44	51	2	7	2·0	0·7
	Penzance ...	bcbcc	cpc	47	53	2	0·4	3·1	3·4
	St. Ives ...	c (p)	b	41	52	3	0·3	3·5	3·8
	Bude... ...	pobc	bcp	45	53	0·5	0·3	2·1	3·2
	Ilfracombe ...	rocbc	obccr	36	54	5	2	3·2	1·3
6	Aberystwyth	rctbc	bcc	43	54	10	–	6·3	0·5
7	Llandudno ...	cbcr	ircbc	37	54	2	1	5·3	0·0
	Colwyn Bay...	cbcpb	bcpbc	36	53	6	2	4·9	0·0
	Rhyl	cbc	cbc	35	54	2	–	3·2	0·1
8	Wallasey ...	ircbc	bcb	37	54	3	Trace	3·6	0·0
	Southport ...	ircbc	bccbc	35	54	2	1	3·2	0·0
	Blackpool ...	omoir	cbc	36	53	3	1	3·8	0·0
	Morecambe ...	rirc	bcbcc	36	54	2	0·5	3·0	0·0
9	Ilkley... ...	foro	cbcor	28	47	7	6	1·1	0·0
	Harrogate ...	ofgR	cbcir	29	47	4	4	1·0	0·0
10	Berwick-on-T.	om	fmo	36	42	10	–	0·0	4·1
11	Dunbar ...	ors	orf	33	42	17	0·3	0·0	4·4
12	Troon... ...	coror	roc	33	43	0·5	3	0·0	0·0
	Douglas ...	cpr	bcpr	36	48	3	1	5·1	0·0

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.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 18th March, 1937.

Districts.	Forecasts
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England 6 South Wales ...	Moderate south to southwest wind, fresh locally; showers and bright intervals, local hail and thunder; rather mild.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England	Moderate south or southeast wind; showers, bright intervals, local hail and thunder; rather mild.
11 S.E. Scotland	Moderate east to southeast wind; occasional rain; local coast fog; rather cold.
12 S.W. Scotland & Isle of Man.	Moderate east wind; bright intervals, showers; rather cold.
13 A. W. Scotld. B.N.W. Scotland.	Moderate east wind; bright intervals, showers; rather cold.
14 Mid Scotland 15 N. E. Scotland	Moderate east wind; cloudy, showers of rain or hail; local coast fog; rather cold.
16 Orkney and Shetland	Moderate or fresh northeast wind; wintry showers; bright intervals; rather cold.
17 N. W. Ireland 18 N. E. Ireland	Moderate east wind, backing northeast; occasional rain; bright intervals; becoming colder.
19 S. E. Ireland 20 S. W. Ireland	Moderate south wind, becoming northerly later; bright intervals, showers; rather mild, becoming colder.

L.D.

GENERAL INFERENCE.

A depression off southwest Ireland is moving very slowly eastnortheast and filling up slowly. There will be showers in most districts with local hail and thunder.

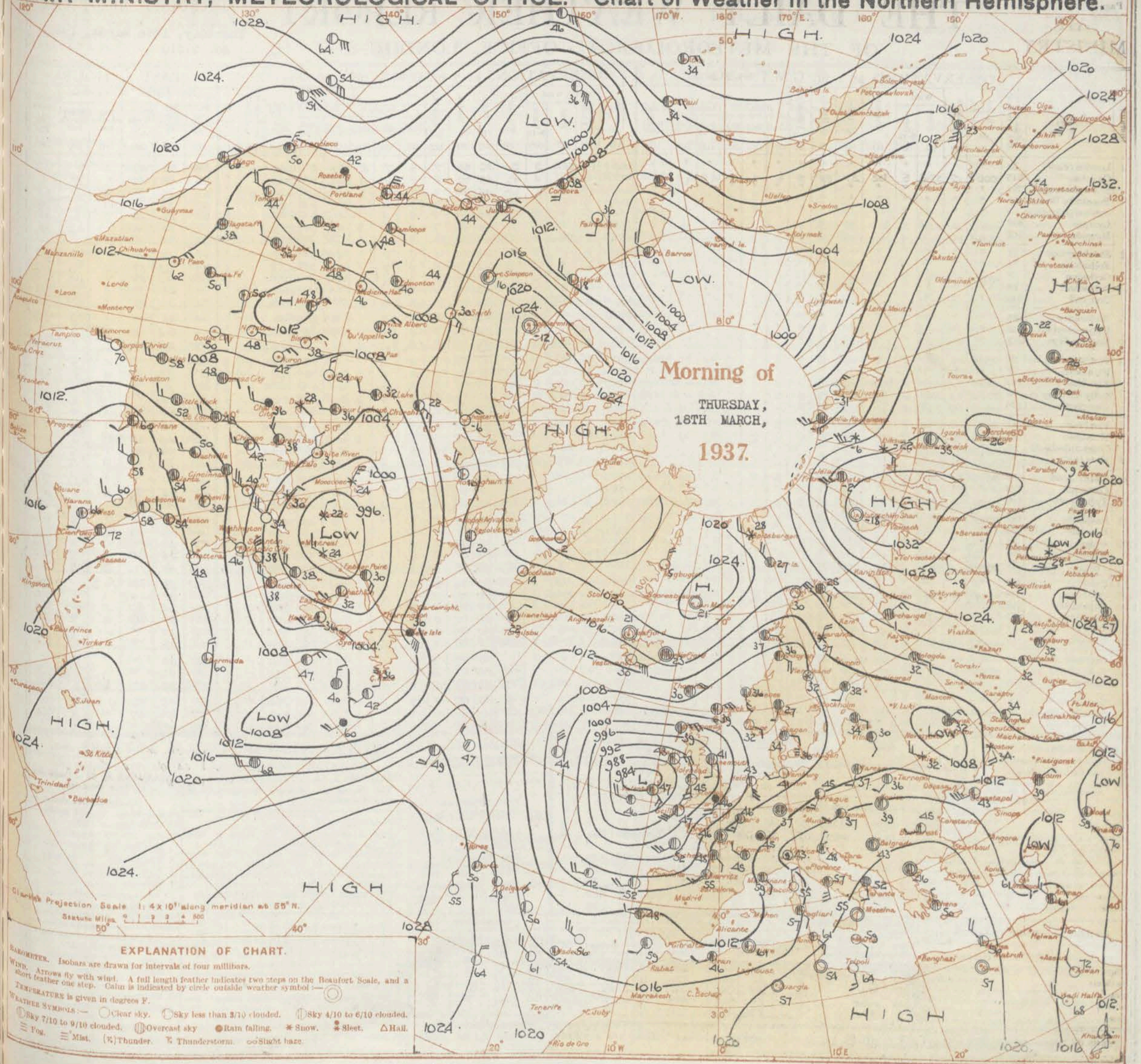
FURTHER OUTLOOK.

Rather mild with showers and bright intervals in the South; rather cold with occasional rain in the North.

Forecasts issued at 1030 G.M.T.

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

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 18th March, 1937.
No. 27510

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather (5)	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	1000·7	-2	SSW	5	bc	47	85	8	5	-	-	4-6	4-6	2500.
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1003·6	0	SSW	5	b	46	85	8	-	-	-	0	0	-
	Manston ...	142	1003·3	+2	SW'S	4	b	46	85	8	-	-	-	0	0	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1002·4	+2	S'E	3	b	43	92	6	-	-	-	0	0	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	998·3	+8	SW	5	c	48	92	7	4	-	-	7·8	7·8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	995·1	+4	S'W	6	bc/pr	49	85	7	8	-	-	4-6	4-6	2500.
	Scilly (St. Mary's)	163	993·0	+4	SW	6	bc	48	85	8	8	-	-	4-6	4-6	1500.
	Guernsey ..	175	1001·2	+2	SW'S	4	q	48	85	7	-	-	-	0	0	-
6	Pembroke ...	142	991·7	+4	S'W	5	q	46	92	7	5	-	-	Tr	Tr	2500.
7	Holyhead ...	26	991·7	+2	SSW	2	rr	45	97	6	6	2	-	7·8	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	997·2	+4	S'E	4	c	43	97	7	5	2	-	4-6	10	2500.
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	997·0	-6	SE	2	bc	40	97	6	5	-	-	4-6	4-6	1500.
11	Inchkeith ...	190	996·7	-4	E	3	of	39	97	2	5	-	-	10	10	220.
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	993·2	-4	SE'S	4	bc	43	97	7	-	4	-	0	4-6	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1000·0	0	ESE	7	r.c.	39	85	7	5	2	-	4-6	10	2500.
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1003·2	-6	E	5	c	39	97	8	8	2	-	7·8	10	1500.
16	Lerwick ...	156	1007·6	+2	E	4	bc	36	75	8	5	-	-	4-6	4-6	1500.
17	Blacksod Point	18	986·4	+10	SE	3	bc	45	92	8	4	-	-	4-6	4-6	1500.
18	Malin Head ...	84	991·5	+2	SE	3	c	45	97	7	8	-	-	9	9	2500.
	Aldergrove ..	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	984·5	0	S	3	bc	47	97	8	2	-	-	2-3	2-3	1500.
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	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)	1000·3	+2	SSW	3	c	46	85	7	5	7	8	4-6	9	1500	1	*
	Croydon ...	999·4	-10	S'W	4	ir.	46	92	6	5	7	6	4-6	9	2500.	1	*
	S. Farnborough	1000·0	+2	S	3	pr.	45	92	7	8	8	2	4-6	7-8	1500	2	*
	Boscombe Down	999·0	0	S'E	3	bc	44	92	7	8	4	1	2-3	4-6	2500	1	*
	Calshot (Sthmtn.)	1000·5	+2	S	4	bc	46	85	7	8	4	-	4-6	4-6	2500	1	3
	Lympne ...	1003·2	+2	S	5	c	45	85	7	5	7	9	4-6	9+	2500.	1	3
	Manston ...	1002·8	0	SSW	4	c	46	85	8	5	-	-	9+	9+	2500.	1	*
2	Shoeburyness ...	1002·1	0	S	3	c	46	85	8	8	2	-	4-6	9+	4000.	1	*
	Felixstowe ...	1002·2	0	S	4	c	44	92	6	5	7	-	4-6	9+	4000	1	4
	Gorleston ...	1001·7	0	SSE	4	c	45	85	6	5	4	-	4-6	9	2500.	1	3
	Mildenhall ...	999·8	+4	S	3	c	46	85	7	5	-	2	2-3	7-8	2500.	1	*
	Cranwell ...	998·4	0	S'E	2	c	44	92	7	8	4	-	7-8	9+	1500	1	*
3	Birmingham ...	997·3	+4	S	3	jp	44	85	8	9	7	-	7-8	9	1500.	1	*
	Upper Heyford	998·5	+4	S	4	c	44	92	7	8	-	2	7-8	7-8	1500.	1	*
4	Ross-on-Wye	996·6	0	SSW	2	c	45	92	8	9	-	3	7-8	7-8	2500.	1	*
5	Portland Bill ...	998·7	+6	SSW	4	c	47	92	7	4	4	-	4-6	7-8	2500.	2	4
	Plymouth ...	996·4	+4	S'W	5	c	48	92	7	8	4	5	4-6	7-8	1500.	1	3
	The Lizard ...	995·7	+2	S'W	6	bc	47	85	8	8	6	-	4-6	4-6	2500	1	4
	Scilly (St. Mary's)	992·4	-6	SW'S	6	q	47	85	8	8	4	3	2-3	4-6	1500.	1	3
	Guernsey ..	1001·0	-4	SW'S	4	bc	47	75	8	-	7	-	0	4-6	-	1	3
6	Pembroke ...	992·2	0	SSW	6	q	46	85	7	5	7	-	2-3	4-6	4000	1	3
7	Holyhead ...	992·1	+4	S	4	bc	45	92	7	2	-	9	4-6	4-6	2500.	1	2
	Chester (Sealand)	994·7	+6	ESE	3	c	42	92	7	5	9	-	2-3	7-8	2500.	1	*
8	Manchester ...	995·0	+2	S'E	3	z.	45	85	6	5	4	-	7-8	9+	1500.	1	*
10	Spurn Head ...	997·3	-4	S'W	4	ir.	44	97	6	5	6	-	4-6	9	800.	1	3
	Catterick ...	995·5	0	-	0	f	40	97	2	-	-	-	10	10	<150	1	*
	Tynemouth ...	995·3	0	S	2	q/r	41	97	6	-	2	-	10	10	800	1	2
11	Inchkeith ...	995·7	-8	E	4	of	39	97	2	5	-	-	10	10	220	1	3
	Leuchars ...	996·6	-4	E	2	of	40	97	2	5	-	-	10	10	450	1	*
12	Renfrew (Abbots L.)	995·4	-6	E	3	id.	40	97	4	5	-	-	10	10	450.	1	*
	Eskdalemuir ...	994·8	0	-	0	rr	35	97	7	6	2	-	4-6	10	460.	6	*
	Point of Ayre...	992·1	-2	S	4	r.r.	43	97	7	6	6	-	7-8	9	800.	1	2
13A	Tiree	993·6	-4	ENE	4	bc	40	85	8	5	3	1	2-3	4-6	4000	0	3
13B	Stornoway ...	1000·1	+4	ENE	5	c	39	75	7	5	7	-	4-6	9	2500.	1	3
15	Dalwhinnie ...	998·7	-8	NE	3	c	35	85	7	5	4	-	7-8	10	2500	9	*
	Aberdeen ...	999·2	-8	E'N	4	q/r	39	92	6	6	-	-	10	10	450.	1	4
	Wick ...	1001·7	-6	E	5	c	40	92	8	8	2	-	9	10	800	1	3
16	Lerwick ...	1006·6	-4	ENE	5	c/pbr	39	85	8	8	7	1	4-6	7-8	2500	1	*
17	Blacksod Point	987·1	+4	E	2	c	45	92	8	4	-	-	7-8	7-8	1500	1	3
18	Malin Head ...	991·5	+2	E'N	5	c/d	45	97	6	6	2	-	7-8	10	800.	1	3
	Aldergrove ..	990·6	-4	ENE	4	m/d.	41	97	4	5	-	-	10	10	800.	4	*
19	Birr Castle ...	987·7	-4	S	1	bc	43	92	8	5	-	-	2-3	2-3	2500	1	*
20	Valentia Obsy. †	983·6	-4	SE'S	3	c	47	85	8	5	-	-	9+	9+	800	1	2
	Roches Point	985·9	-6	SSW	5	ir	46	92	7	6	1	-	4-6	9+	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 17th Hrs. (36)
1	London (Kew)	54	45	42	3	1	2·2
	Croydon ...	53	45	42	1	3	*
	S. Farnborough	53	45	39	3	1	3·7
	Boscombe Down	53	43	41	11	6	7·8
	Calshot (Sthmtn.)	51	46	45	3	1	3·2
	Lympne ...	53	44	40	0·1	0·3	3·8
	Manston ...	53	45	41	0·1	-	2·3
2	Shoeburyness ...	53	44	38	0·3	Tr.	3·3
	Felixstowe ...	49	43	39	2	Tr.	2·2
	Gorleston ...	53	42	39	1	0·5	5·0
	Mildenhall ...	55	44	39	3	2	3·0
	Cranwell ...	54	41	38	1	0·3	2·4
3	Birmingham ...	54	43	40	1	6	2·7
	Upper Heyford	55	44	40	2	6	*
4	Ross-on-Wye	55	44	39	5	7	4·4
5	Portland Bill ...	50	46	*	4	6	*
	Plymouth ...	51	43	40	4	6	1·0
	The Lizard ...	51	46	*	0·6	1	*
	Scilly (St. Mary's)	53	45	*	0·6	2	4·6
	Guernsey ..	55	46	43	1	4	5·4
6	Pembroke ...	49	45	*	1	0·5	4·3
7	Holyhead ...	53	44	42	Tr.	6	5·1
	Chester (Sealand)	55	42	38	1	2	3·1
8	Manchester ...	54	44	40	4	2	1·4
10	Spurn Head ...	49	41	*	2	0·3	2·3
	Catterick ...	45	34	30	4	2	0·7
	Tynemouth ...	45	39	33	1	3	0·1
11	Inchkeith ...	41	38	38	4	5	0·0
	Leuchars ...	41	40	39	3	6	0·0
12	Renfrew (Abbots L.)	43	40	37	4	Tr.	0·0
	Eskdalemuir ...	39	34	34	4	2	0·0
	Point of Ayre...	50	41	*	2	3	4·3
13A	Tiree	(46)	39	37	0·3	-	3·5
13B	Stornoway ...	41	37	*	1	1	0·0
15	Dalwhinnie ...	36	34	31	4	0·2	0·4
	Aberdeen ...	39	37	36	6	7	0·0
	Wick ...	40	39	*	0·1	Tr.	*
16	Lerwick ...	40	33	*	-	Tr.	5·2
17	Blacksod Point	48	36	*	1	Tr.	*
18	Malin Head ...	49	42	*	-	0·6	7·3
	Aldergrove ..	49	40	39	Tr.	1	6·2
19	Birr Castle ...	53	42	36	0·5	2	1·4
20	Valentia Obsy. †	55	45	42	7	3	2·4
	Roches Point	50	45	*	0·5	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.	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	cbr.c	tlcp RH	cir.c.	54	45	42	3	1	2·2	*	*	6.
Croydon ...	217	prm.ir.c	cbccy	cpr.bc	53	45	42	1	2	*	*	*	6.
Greenwich (Royal Observatory) ...	149	c	crc	circ	57	45	39	1	3	2·3	69	80	6.
City (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	2·5.	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	55	47	40.	2		3·0	73	79.	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	56	46	43.	Tr	2	2·1	66	88.	*
Camden Square ...	110	c	cp.	*	56	46	39	Tr	2	*	* At 18h.	86.	*
Kensington ...	80	bc	bc.p.	*	55	46	40.	0·2	2.	3·0.	70	89.	*
Hampstead Observatory ...	440	ortl	bc	or.	53	43	37	1	2	1·9.	*	92.	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 18th

South Kensington. Max.	Time.	Min.	Time.	Kew Observatory. Max.	Time.	Min.	Time.
0·5	18-20h 17th	<0·3	2-4h 18th.	0·2	17h 17th	<0·1	0-7h 18th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 17th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 18th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris ...	1008·2	SSW	3	bc	54	1007·9	SSW	3	c/r	46	55	45	6.	Tr.
Brussels ...	1005·5	SW'W	5	b	50	1007·0	SSW	3	c	45	54	43	1	0·1
Berlin ...	1008·1	SSW	4	r.r.	45.	1009·8	WSW	2	z.	46	52	43	0·1	2.
Zürich ...	1016·0	WSW	2	c	50	1014·7	ESE	*	rr	43	54	43	Tr.	3.
Rome ...	1021·8	SSE	1	c	55	1018·5	SSE	5	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	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, 19th March, 1937.
No. 27511

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather. (5)	°F. Temp. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud Form Low (9)	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)	1001·2	0	SSW	5	bc	54	65	7	2	–	–	4-6	4-6	1500
	Croydon ...	1001·1	+2	SSW	5	c	53	65	7	2	6	–	7-8	7-8	2500
	S. Farnborough	1000·7	0	S'W	5	pr	52	75	7	8	3	1	7-8	7-8	2500
	Boscombe Down	999·8	+2	SSW	5	c/pbr	52	75	7	8	–	–	7-8	7-8	1500
	Calshot (Sthmtn.)	1001·7	+8	S'W	5	bc	52	75	7	8	–	1	4-6	4-6	2500
	Lympne ...	1003·8	+4	SSW	6	c	54	65	7	7	4	2	4-6	7-8	2500
	Manston ...	1003·4	+6	SSW	6	c	52	65	7	8	–	1	9	9+	1500
2	Shoeburyness ...	1002·5	0	SSW	4	c	51	75	8	8	7	–	7-8	9+	2500
	Felixstowe ...	1002·5	–2	S'E	4	c	49	85	7	8	3	8	2-3	7-8	2500
	Gorleston ...	1002·0	0	SSE	4	c	53	65	6	8	–	–	7-8	7-8	2500
	Mildenhall ...	1000·2	–6	SSW	6	c/pr	53	75	7	8	–	–	9+	9+	2500
	Cranwell ...	999·4	+6	S'W	4	pr	45	85	7	9	–	3	7-8	9	1500
3	Birmingham ...	997·8	0	WSW	5	c/tlr	51	66	8	6	–	–	9	9	1500
	Upper Heyford	999·3	+2	S	4	c/phr	52	75	8	8	–	3	4-6	7-8	2500
4	Ross-on-Wye	996·9	0	SSW	4	bc	53	65	8	1	–	1	4-6	4-6	4000
5	Portland Bill ...	1000·1	+6	SSW	4	bc	48	92	7	4	–	–	4-6	4-6	2500
	Plymouth ...	997·3	+2	SSW	6	bc	51	85	8	3	7	–	2-3	2-3	1500
	The Lizard ...	995·7	0	S'W	6	bc	51	85	8	8	–	–	4-6	4-6	2500
	Scilly (St. Mary's)	993·6	+2	SW'S	7	q	53	65	7	6	6	1	4-6	7-8	1500
	Guernsey ...	1001·5	+4	SW	3	bc	53	65	7	2	3	–	4-6	4-6	2500
6	Pembroke ...	991·8	–2	S'W	7	q	48	95	6	5	2	–	4-6	9+	2500
7	Holyhead ...	992·5	0	S'E	5	c/pr	48	85	8	6	2	–	2-3	10	2500
	Chester (Sealand)	995·1	0	SE	4	c	55	55	8	8	3	–	7-8	7-8	4000
8	Manchester ...	995·9	+2	S	4	c	54	55	8	8	–	–	7-8	7-6	2500
10	Spurn Head ...	998·0	+6	SW'S	5	c	51	75	7	5	2	–	4-6	7-8	1500
	Catterick ...	996·2	+2	SSW	2	z_0	50	65	6	8	3	–	4-6	7-8	4000
	Tynemouth ...	996·5	+6	SW	1	c/pr	47	85	6	6	2	–	7-8	9+	800
11	Inchkeith ...	996·1	+6	NE	2	f	40	92	2	5	–	–	10	10	220
	Leuchars ...	996·4	+2	NE	2	r_0r_0	42	97	5	5	2	-	9+	10	450
12	Renfrew (Abbots I.)	995·8	+6	E	2	RR	43	92	4	–	2	–	10	10	600
	Eskdalemuir ...	996·0	+6	N	2	r_0r_0	40	92	6	–	2	–	10	10	450
	Point of Ayre ...	994·0	+8	S	3	bc	51	85	7	2	4	–	4-6	4-6	2500
13A	Tiree ...	993·5	0	E'N	5	c	43	85	8	5	1	–	4-6	10	2500
13B	Stornoway ...	1000·2	0	ENE	5	pr	41	75	8	5	7	–	7-8	9+	2500
15	Dalwhinnie ...	*	–2	NE	3	ir_0	36	85	7	4	2	–	4-6	10	2500
	Aberdeen ...	998·2	–4	ENE	3	ir_0	41	92	6	6	2	-	4-6	10	800
	Wick ...	1001·3	–2	E	5	c	40+	92	8	8	7	–	7-8	9+	1500
16	Lerwick ...	1006·2	–2	E	5	c	42	75	8	8	9	–	4-6	7-8	1500
17	Blacksod Point	987·2	0	NE	4	c	47	92	8	8	–	–	7-8	7-8	1500
18	Malin Head ...	990·8	–2	ESE	4	c	45	97	6	5	1	–	7-8	9+	800
	Aldergrove ...	990·9	+4	SE'S	4	c	50	75	8	8	–	–	7-8	7-8	2500
19	Birr Castle ...	986·6	–6	S	1	c	45	85	8	5	1	–	7-8	10	2500
20	Valentia Obsy. †	985·0	+6	SW'S	5	c/pr	51	75	8	9	1	–	7-8	9+	1500
	Roches Point	987·2	+20	SW	4	c	50	92	8	3	–	3	4-6	7-8	1500

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

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud Form Low. (23)	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)	1001·5	+6	SSW	4	z_0	51	65	6	1	–	1	2-3	2-3	4000	1	*
Croydon	1001·3	+4	SSW	3	bc	50	65	7	2	–	–	2-3	2-3	4000	1	*
S. Farnborough	1001·1	+6	SW	4	bc	49	75	7	3	6	3	2-3	4-6	2500	2	*
Boscombe Down	999·7	+2	SSW	5	c	49	75	7	8	–	–	7-8	7-8	2500	1	*
Calshot (Sthmtn.)	1001·3	+2	S	5	b	49	75	7	8	4	–	1	1	2500	1	§ 3
Lympne	1003·2 (6)	+2	S'W	4	c	47	85	7	6	6	–	4-6	7-8	1500	1	2 *
Manston	1003·2	–2	SSW	3	bc	49	85	8	8	–	1	2-3	2-3	2500	1	
Shoeburyness	1002·4	+2	SW'S	3	bc	48	75	8	4	7	3	1	4-6	2500	1	*
Felixstowe	1002·4	+6	S	4	bc	46	85	7	8	3	8	2-3	4-6	2500	1	3
Gorleston	1001·7	+6	S'E	4	bc	46	85	6	6	4	–	2-3	4-6	2500	0	3 *
Mildenhall	1000·5	+4	SSW	4	z_0	52	65	6	8	6	–	2-3	2-3	4000	1	*
Cranwell	999·1	+2	S'E	2	c/TLR	44	92	8	9	8	3	7-8	7-8	800	1	
Birmingham	998·1	+2	S	3	pr	48	65	8	9	–	3	4-6	7-8	1500	1	*
Upper Heyford	999·7	+8	S'W	5	bc	48	65	7	8	–	3	4-6	4-6	2500	1	*
Ross-on-Wye	997·1	0	S	3	bc	48	75	7	6	7	1	1	2-3	2500	1	*
Portland Bill	999·1	–4	SSW	4	c	48	85	7	4	–	–	7-8	7-8	2500	1	4
Plymouth	997·2	+2	S'W	7	c	49	85	8	9	7	3	4-6	9	2500	1	4
The Lizard	995·4	0	S'W	6	pr	49	85	8	8	6	–	7-8	9+	2500	1	4
Scilly (St. Mary's)	993·7	–2	SW	6	r_0r_0	46	92	6	9	–	–	9	9	1500	1	3
Guernsey	1001·6	+2	SW	2	c	49	75	7	8	1	–	4-6	7-8	2500	1	3
Pembroke	992·2	0	SW	6	ir_0	46	92	7	8	6	–	4-6	9+	2500	1	4
Holyhead	992·0	+6	S	4	c	47	85	7	5	4	–	4-6	7-8	1500	1	2 *
Chester (Sealand)	995·0	+2	SE'E	3	c/pr	48	75	7	9	7	–	7-8	9	4000	1	*
Manchester	996·3	+6	SE'E	3	z_0	46	75	5	8	7	–	2-3	9	4000	1	
Spurn Head	998·6	0	S'E	4	c	43	92	7	3	2	3	4-6	7-8	800	1	3 *
Catterick	997·0	+10	–	0	z_0	45	85	6	8	7	3	7-8	9+	4000	1	
Tynemouth	996·6	0	SE	1	c	45	85	6	2	6	–	4-6	7-8	1500	1	2
Inchkeith	996·4	+2	NE	2	f–	39	97	3	5	–	–	7-8	7-8	450	1	2 *
Leuchars	996·7	+2	E	1	f	42	97	3	6	–	–	9+	9+	<150	1	*
Renfrew (Abbots I.)	995·3	+2	ENE	3	z_0	43	92	5	5	–	6	4-6	7-8	2500	1	*
Eskdalemuir	996·1	+6	NE	2	rr	38	97	6	6	2	–	9	10	450	6	
Point of Ayre	992·8	–8	S	5	rr	44	97	7	6	–	–	10	10	800	1	3
Tiree	993·2	+2	E'N	4	bc	43	85	8	2	6	2	1	4-6	4000	0	3
Stornoway	1000·0	0	ENE	6	pr	39	85	8	6	2	–	9	10	2500	1	3 *
Dalwhinnie	998·3	–4	NE	3	c	34	97	6	4	4	–	4-6	10	1500	9	
Aberdeen	997·2	–2	ESE	1	cf	41	97	3	–	–	–	10	10	<150	1	3
Wick	1000·6	–4	ENE	5	r_0r_0	38	97	7	5	2	–	9	10	800	1	3 *
Lerwick	1005·1	–2	ENE	5	bc	40	75	8	5	8	8	2-3	4-6	1500	0	
Blacksod Point	987·2	0	NNE	2	c	47	92	8	4	–	–	7-8	7-8	2500	0	2
Malin Head	989·9	+4	E	4	c	45	97	6	8	–	9	9+	9+	1500	0	2 *
Aldergrove	988·8	–18	SE	4	ir_0	45	97	6	6	2	–	9+	10	800	2	
Birr Castle	986·9	+4	S	1	c	49	85	8	5	7	–	4-6	9+	2500	1	*
Valentia Obsy. †	986·0	+6	S'W	4	c	45	85	8	6	–	–	9+	9+	1500	1	3
Roches Point	988·6	+10	SW	4	bc	48	92	8	2	4	3	2-3	4-6	2500	1	4

PAST 24 HOURS.

Stations.	Weather 7h.—13h. 18th (37)	Weather 13h.—18h. 18th (38)	Weather 18h. 18th to 1h. 19th (39)	Weather 1h.—7h. 19th (40)
London (Kew)	cprbc	bccbc	bcb.	cm_0
Croydon	cm_0pr_0	cbcy	bcbwc	bwbcc.
S. Farnborough	cpr_0	bcybc	bcbbw.	bwbcc
Boscombe Down	cPHRc	cbc	bc.	bcc
Calshot (Sthmtn.)	bccbc	bcb	bbw.	bwbc
Lympne	$cwcm_0z_0$	cbcy	b,cpr_0b	bbcw.
Manston	c	cbcb	$bcpr_0b.$	bwbc.
Shoeburyness	p_0pc	cbc	bcprbc	cprcbc
Felixstowe	$cprm_0bc$	$bcpr_0bc$	bc (cpr…)	bcc
Gorleston	cbccq	cbc	bcb.	bcc.
Mildenhall	cpr_0	cpr_0bcm_0	$bcz_0b.$	b,bcmw.
Cranwell	p_0bccpr	prtlPHRqc	cbcb.	$bbcm_0$
Birmingham	$tlqr_0$	cbctc	bccir	irbco
Upper Heyford	pr_0cPRH	$bccp_0bc$	$bcwm_0$	$bcwm_0c$
Ross-on-Wye	bbctPHRltbc]	bcP_0qTbc	bccor	crcp.bcc
Portland Bill	cbc	bcc	bcbc	bcprc.
Plymouth	$bcpr_0bc$	$bccpr_0$	cbccpr.	$crrdud_0$
The Lizard	bcprq	$bcpr_0$	rrprq	cprbc
Scilly (St. Mary's)	bccq	p_0orrq	cir_0bc	bcpbc.
Guernsey	bcc	bcc	cbcbw.	$bwcp_0$
Pembroke	$bccm_0pr_0q$	ciRq	$cpr_0q.$	cbcqc
Holyhead	$bcpr_0c$	r_0rm_0c	c	cpr_0
Chester (Sealand)	$cbccpr_0y$	$cypr_0qpr_0$	$cpr_0.$	c
Manchester	cm_0bcy	cpr_0cz_0	cz_0prbcm_0	$cpr_0r_0r_0c$
Spurn Head	ir_0c	prbcc	bc	bcc.
Catterick	$fm_0d_0cm_0$	z_0qPRHm_0	cm_0bcm_0	$mowm_0wd$
Tynemouth	ocp_0	c	cm.	$bcom_0.$
Inchkeith	frff	ffc	fF	ffdr.
Leuchars	$orrr_0r_0$	om_0cmf	offefe	$cwcm_0$
Renfrew (Abbots I.)	$rrcR_0$	oRcbc	cm_0rr	cm_0
Eskdalemuir	$crrr_0r_0$	ir_0trr	$crrir_0$	orr_0m_0
Point of Ayre	r_0cbc	bcrr	rrorr	opr.
Tiree	bccir	cbc	bccir	cir
Stornoway	$cr_0r_0pr_0$	cpr_0	c	c.
Dalwhinnie	c	crrc	*	cir
Aberdeen	ir_0m_0	orrf	$r_0ffe.$	FFe
Wick	c	cr_0r_0	orr	cr_0r_0
Lerwick	$cpbr_0$	cbc	bc	bcc.
Blacksod Point	c	c	pr_0c	pr_0c
Malin Head	cz_0z_0	cz_0z_0	cir_0c	c.
Aldergrove	fcrbc	cr_0r_0cr	cir_0ir	$cir_0bc.$
Birr Castle	bcc	cprc	cbc	bccpr
Valentia Obsy. †	$prpr_0c$	cprc	piRc	cir_0c
Roches Point	circ	cbc	bccw.	cw.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

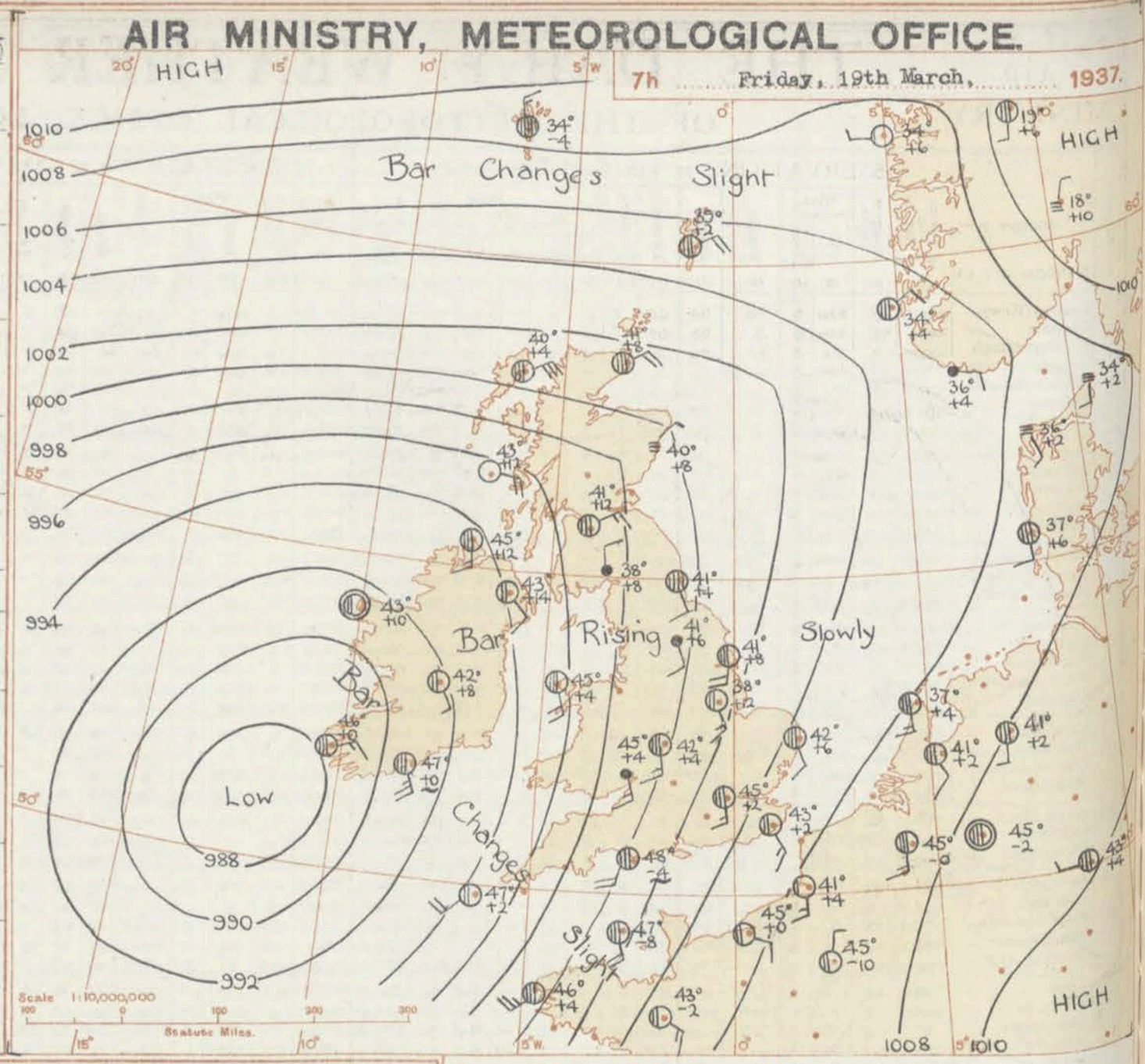
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† See disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 18th March 1937.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature (F) Min. 9h. 17th to 9h. 18th	Temperature (F) Max. 9h.—17h. 18th	Rainfall (mm) Night. 17h. 17th to 9h. 18th	Rainfall (mm) Day. 9h.—17h. 18th	Sunshine (Hrs) Sunrise to 17h. 18th	Sunshine (Hrs) Sunrise to Sunset. 17th
1	Tunbridge W.	oco	cbc	45	54	2	–	2.5	1.7
	Bournemouth	b	b	46	55	0.5	–	8.0	2.6
	Ventnor ...	rbcb	bbc	44	53	2	–	8.3	5.6
	Southsea ...	b	b	46	56	1	–	8.5	4.4
	Bognor Regis	cbc	bcb	46	49	1	–	7.4	4.6
	Littlehampton	bc	bc	46	51	1	–	7.6	5.3
	Worthing ...	b	bbcb	46	51	1	–	6.4	5.3
	Brighton ...	cb	b	45	50	1	–	6.4	4.8
	Eastbourne† ...	ocbc	bcb	46	54	0.3	–	5.7	4.6
	Hastings† ...	cbc	bcbbc	45	51	Trace	–	6.2	4.5
	Folkestone ...	cbc	bcbbc	46	52	0.3	–	7.1	4.0
	Dover ...	cbc	bc	46	53	0.3	–	7.1	3.8
	Deal	cbcb	bbcb	43	54	Trace	–	7.0	5.0
	Ramsgate ...	cbc	bc	46	52	0.2	–	5.9	2.5
	Margate ...	bc	bc	45	54	–	–	8.2	2.8
2	Southend ...	prp	cbcb	44	53	0.3	1	4.5	3.5
	Maldon ...	pcbc	bbc	45	55	0.5	–	3.2	1.7
	Clacton-on-Sea	cpbc	bc	42	49	–	1	4.0	2.1
	Dovercourt ...	bc	bcv	44	52	–	–	5.3	3.2
	Lowestoft ...	cbcb	bbcb	39	54	0.2	–	6.3	4.5
	Skegness ...	bcbbv	ptlrb	41	54	3	0.5	6.4	3.0
	Mablethorpe...	bcc	bctlrbc	41	54	3	2	5.6	4.4
	Cleethorpes ...	bc	orbc	42	54	2	5	5.5	3.0
3	Leamington S.	tortt	orhcp	46	53	4	2	3.6	3.3
4	Cheltenham†	rtcbc	ritbc	44	53	5	4	4.6	4.0
5	Bath	bcphr	pbcb	46	55	14	2	5.8	2.9
	Weymouth ...	b	b	45	54	6	–	3.3	1.9
	Jersey ...	pcbcb	bcc	45	53	1	Trace	6.9	5.0
	Torquay ...	cRpb	bbcpq	45	54	7	1	6.1	2.0
	Penzance ...	b	bccrr	46	53	1	4	6.4	3.1
	St. Ives ...	b	pr	46	52	3	2	6.2	3.9
	Bude... ...	cp	cp	44	54	2	2	0.0	2.1
	Ilfracombe ...	cbc	bccpo	45	55	2	2	6.6	3.2
6	Aberystwyth	prbcc	cpr	44	52	3	1	3.7	6.3
7	Llandudno ...	vbccr	rtscr.	47	54	0.5	0.5	1.7	5.3
	Colwyn Bay...	bcbpo	oc	43	54	0.5	0.5	2.7	5.0
	Rhyl	bcc	cprc	42	53	3	0.5	3.0	3.2
8	Wallasey ...	bcc	clrc	44	56	2	0.3	3.1	3.6
	Southport ...	pbcc	upup.	45	55	2	1	3.2	3.2
	Blackpool ...	bcc	bccpc	42	53	4	1	3.6	4.0
	Morecambe ...	bbc	bclrc	44	55	5	2	5.5	3.0
9	Ilkley... ...	bc	cptbc	37	53	2	0.3	5.4	1.1
	Harrogate ...	bc	tlpbc	36	53	2	1	6.2	1.0
10	Berwick-on-T.	pfd.	crbc	39	46	5	Trace	0.1	0.0
11	Dunbar ...	orr	bcr.	39	44	5	1	0.2	0.0
12	Troon... ...	rocbc	cbc	37	50	1	–	1.9	0.1
	Douglas ...	cpr	bcpr.	41	48	4	0.5	1.4	5.1

† 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. 19th March, 1937.
1 S.E. England	Moderate south wind; bright periods, showers, perhaps local thunder; rather mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Moderate south wind; showers, bright intervals, local hail and thunder; rather mild.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Light or moderate south to southeast wind; occasional rain with local thunderstorms; some brighter intervals; local morning fog; rather mild.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 A. W. Scotld. B.N.W.Scotland.	Light or moderate east wind; occasional rain; local coast fog; rather cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkney and Shetland	
17 N. W. Ireland	Light or moderate east to southeast wind; bright intervals, showers; average temperature.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

GENERAL INFERENCE.

A depression off Southwest Ireland is filling up slowly. There will be occasional rain in the North and bright intervals and showers in the South. Thunderstorms will occur locally.

FURTHER OUTLOOK.

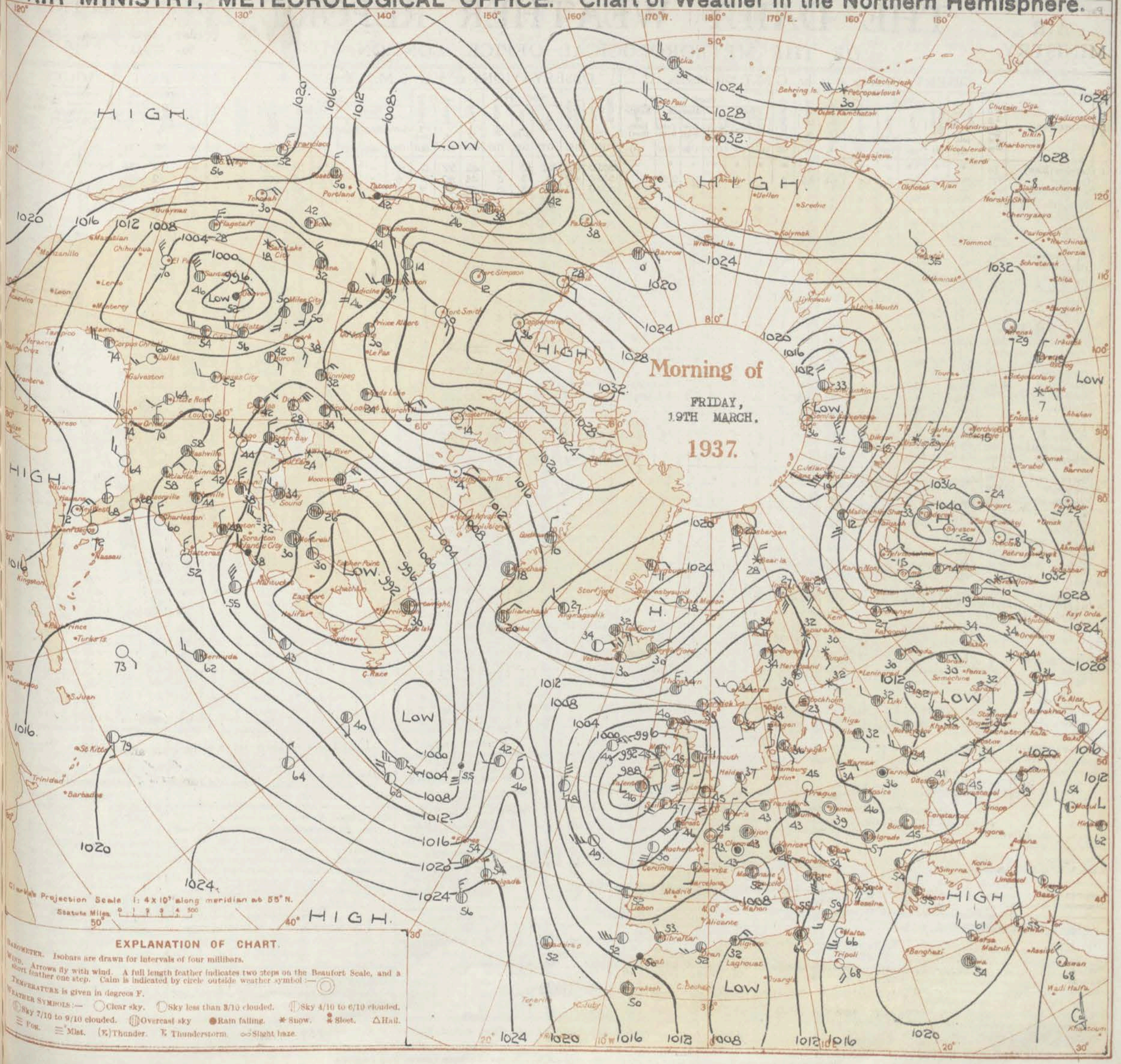
Occasional rain in the North; bright intervals and showers in the South.

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

Friday, 19th March, 1937.
No. 27511

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1005·0	+6	S	3	bc	44	85	8	-	8	1	0	2·3	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1004·8	+7	S	2	b	44	85	8	-	-	8	0	Tr	-
	Manston ...	142	1004·6	+2	S	3	b	43	92	8	-	-	8	0	Tr	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1004·6	+4	S	3	b	41	85	8	-	-	1	0	Tr	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1000·1	+4	SSW	4	bc	48	85	7	4	-	-	2·3	2·3	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	996·5	0	SW	6	c	48	85	7	8	7	-	9	10	1500.
	Scilly (St. Mary's)	163	994·3	+2	SWS	5	bc	48	92	8	2	4	3	2·3	4·6	2500.
	Guernsey ..	175	1003·2	+4	SSW	3	b.	47	85	7	-	-	-	0	0	-
6	Pembroke ...	142	993·6	+2	SSW	5	q	46	92	7	5	-	-	9	9	2500.
7	Holyhead ...	26	994·6	+8	SSE	3	c	44	97	8	5	-	-	7·8	7·8	2500.
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1000·4	+4	SW	4	bc	41	92	7	-	-	5	0	2·3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	995·5	+6	S	2	c	41	92	6	5	-	-	7·8	7·8	1500.
11	Inchkeith ...	190	997·3	+2	NE	2	of	39	97	1	5	-	-	10	10	220
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	995·0	+12	S	4	rr	44	97	7	3	-	-	10	10	800.
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1000·4	+2	ENE	6	c	39	85	8	5	7	-	7·8	10	2500.
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1000·0	0	ENE	6	rr	41	97	6	5	-	-	10	10	800.
16	Lerwick ...	156	1005·3	-2	ENE	4	bc	38	85	8	5	7	-	4·6	4·6	1500.
17	Blacksod Point	18	990·0	+14	N	2	c	44	92	8	9	-	-	7·8	7·8	800.
18	Malin Head ...	84	991·2	+10	SW	2	c	44	92	7	4	-	-	7·8	7·8	2500.
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	·	·	*	*	·	*	*	*	*	*
20	Valentia Obsy. †	30	987·6	0	S	3	bc	43	97	8	6	-	-	4·6	4·6	1500.
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	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)	1003·0	+2	SSE	3	z	45	92	6	5	-	-	9+	9+	1500.	1	*
	Croydon ...	1003·0	+2	S	3	c	45	92	7	5	-	-	7·8	7·8	1500.	1	*
	S. Farnborough	1002·4	+2	SE	3	c	45	92	7	5	-	1	9	9+	1500	2	*
	Boscombe Down	1001·0	0	SE	4	c	44	92	7	6	-	-	7·8	7·8	800.	1	*
	Calshot (Sthmtn.)	1002·3	-2	SES	4	bc	45	92	7	-	3	9	0	4·6	-	1	3
	Lympne ...	1005·3	+2	SSE	3	bc	43	92	6	5	7	2	2·3	4·6	4000.	1	2
	Manston ...	1004·6	0	SSW	3	bc	43	92	8	-	3	2	0	4·6	-	1	*
2	Shoeburyness ...	1004·1	0	S	3	bc	42	92	8	-	7	-	0	4·6	-	1	*
	Felixstowe ...	1004·6	-4	SE	3	c	43	97	7	5	3	8	4·6	9+	2500.	1	2
	Gorleston ...	1005·0	+6	SE	2	c	42	85	6	5	7	3	2·3	7·8	2500.	0	2
	Mildenhall ...	1003·1	+8	SSE	3	z	41	92	6	5	3	9	Tr	4·6	2500	1	*
	Cranwell ...	1001·5	+12	SE	3	z	38	97	6	-	7	3	0	4·6	-	1	*
3	Birmingham ...	1000·3	+4	S	3	c	42	92	8	5	-	-	7·8	7·8	1500	1	*
	Upper Heyford	1001·2	0	SE	3	c	44	92	6	5	-	-	7·8	7·8	800.	1	*
4	Ross-on-Wye	999·1	+4	SE	3	ir	45	85	8	6	-	1	9	9+	1600.	1	*
5	Portland Bill ...	999·4	-4	SSW	4	c	48	85	7	4	-	-	7·8	7·8	2500.	1	4
	Plymouth ...	997·0	-8	SW	5	id.	47	97	7	9	-	4	7·8	9	1500	1	3
	The Lizard ...	996·4	+2	SW	4	bc/pr	46	97	8	8	4	-	4·6	4·6	2500.	1	3
	Scilly (St. Mary's)	994·4	+2	SWS	4	bc	47	92	8	2	3	2	2·3	4·6	2500.	1	3
	Guernsey ..	1001·3	-8	SE	4	c	47	85	8	5	2	-	7·8	10	4000	1	3
6	Pembroke ...	994·5	+2	S	4	c	46	92	6	5	7	-	7·8	9+	2500.	1	3
7	Holyhead ...	995·5	+4	SE	4	c/pr	45	92	8	5	1	-	7·8	9+	800.	1	2
	Chester (Sealand)	997·8	+6	ESE	2	c	44	85	7	5	7	-	9	9+	2500.	1	*
8	Manchester ...	998·9	+10	SW	3	z	45	85	6	5	3	6	7·8	9	2500.	1	*
10	Spurn Head ...	1001·2	+8	SW	4	c	41	97	7	5	7	-	4·6	7·8	2500.	0	3
	Catterick ...	999·1	+6	SE	2	id.	41	97	5	5	-	-	10	10	450	1	*
	Tynemouth ...	998·9	+4	SSE	2	o	41	92	6	5	-	-	10	10	800.	1	2
11	Inchkeith ...	998·1	+2	NE	2	of	39	92	2	5	-	-	10	10	220	1	1
	Leuchars ...	999·1	+8	NE	1	c	40	97	5	5	-	-	10	10	800.	1	*
12	Renfrew (Abbots L.)	997·9	+12	ENE	3	z	41	97	5	5	-	-	9+	9+	1500	1	*
	Eskdalemuir ...	998·4	+8	N	2	ir	38	97	6	5	-	-	10	10	800.	1	*
	Point of Ayre...	996·4	+10	S	3	pr	43	97	7	8	-	-	10	10	800	1	2
13A	Tiree	995·3	+12	ESE	4	c	43	92	7	5	-	-	9+	9+	1500.	1	3
13B	Stornoway ...	1000·3	+4	ENE	6	c	40	92	8	5	7	-	7·8	9+	2500.	1	3
15	Dalwhinnie ...	•	+12	N	1	ir	35	97	6	5	-	-	10	10	1500.	0	*
	Aberdeen ...	999·9	+8	NE	1	F	40	92	1	-	-	-	10	10	150	1	1
	Wick ...	1000·9	+8	ENE	4	c/r	41	97	7	5	2	-	7·8	10	800.	1	3
16	Lerwick ...	1004·9	+2	ENE	4	c	39	85	8	5	2	2	4·6	7·8	1500.	0	*
17	Blacksod Point	991·8	+10	-	0	bc	43	92	8	2	-	7	2·3	4·6	1500	1	2
18	Malin Head ...	995·6	+12	S	3	c	45	85	7	5	-	-	9+	9+	1500.	0	1
	Aldergrove ...	994·7	+14	SE	2	bc	43	97	6	5	3	-	4·6	4·6	800	2	*
19	Birr Castle ...	992·0	+8	SSE	1	c/pr	42	97	8	8	7	-	4·6	7·8	2500.	1	*
20	Valentia Obsy. †	995·1	0	ENE	3	c/r	46	85	8	6	-	-	9	9	1500.	1	2
	Roches Point	990·7	0	SSE	5	c	47	97	8	3	7	3	2·3	7·8	1500	1	4

PAST 24 HOURS.

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

LONDON OBSERVATIONS

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

Stations	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon (24 hrs. ended 9h.)	Weather Night (24 hrs. ended 9h.)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T % (Yesterday)	Humidity 9h. G.M.T % (To-day)	Visibility 9h. (To-day)
Kew ...	18	cprbc	bccbc	bcmo	54	42	35	0·4	-	6·0	•	•	6
Croydon ...	217	cmpr	cbcy	bcbw	54	42	37	0·3	1	3·5	•	•	7
Greenwich (Royal Observatory) ...	149	cdo	cb	bwc	57	40	30	Tr	Tr	5·1	57	79	6
City (Bunhill Row) ...	—	•	•	•	•	•	•	•	•	3·7	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	55	44	37	0·2		4·2	53	79	•
Regents Pk. (Botanic Gardens)‡...	168	•	•	•	55	43	40	-	0·2	2·9	49	83	•
Camden Square ...	110	cpc	cb	•	55	43	36	0·3	-	•	•	79	•
Kensington ...	80	c	c	•	55	44	37	0·3	Tr	3·9	62	83	•
Hampstead Observatory ...	430	ob	bc	bc	54	41	34	Tr	-	5·1	•	86	•

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

South Kensington.

Max.	Time.	Min.	Time.
0·4	19-23h 18th	<0·3	1-4h 19th

Kew Observatory.

Max.	Time.	Min.	Time.
0·1	21h 18th	<0·1	0-7h 19th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 18th March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 19th March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris ...	1006·5	SSW	3	q	54	1007·4	NNE	1	bc	45	57	45	-	3
Brussels ...	1006·0	S	3	bc	48	1007·1	S	3	c	45	54	41	-	-
Berlin ...						1005·8	-	0	z	46		41		Tr.
Zürich ...						1010·7	SSE	1	rf	41		41		15.
Rome ...	1005·0	SSE	5	c	59.	1011·5	SSE	6	c	61	•	•	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

		Objects not visible at
0	Dense fog	55 yards.
1	Thick fog	220 ,,
2	Fog	550 ,,
3	Moderate fog	1,100 ,,
4	Mist or haze	1¼ miles.
5	Poor visibility	2¼ ,,
6	Moderate ,,	6¼ ,,
7	Good ,,	12¼ ,,
8	Very good ,,	31 ,,
9	Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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, 20th March, 1937.
No 27512

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°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 18th Hrs. (36)
1	London (Kew)	1002.4	-6	S'E	3	ir.	49	75	6	9	2	-	7.8	10	1500	6.0
	Croydon ...	1002.4	-8	SSW	4	pr.	50	75	7	9	-	-	9+	9+	1500	3.5
	S. Farnborough	1002.0	-6	SE	3	4r	46	92	6	6	2	-	9	10	800	6.4
	Boscombe Down	1000.6	-2	S'E	4	ir.	47	97	7	6	2	-	9	10	450	6.2
	Calshot (Sthmtn.)	1002.0	-2	S	5	c/r	48	85	7	9	7	-	9	10	800	8.2
	Lympne ...	1005.3	-6	S'E	3	c	47	85	7	8	7	6	4.6	9	2500	6.1
	Manston ...	1004.6	-2	S	4	c	51	75	7	5	-	4	2-3	9	2500	7.6
2	Shoeburyness ...	1003.9	-4	S	3	c	52	75	8	3	7	3	7.8	9+	2500	3.2
	Felixstowe ...	1004.8	-4	SE'E	2	bc	49	75	7	8	-	8	2-3	4.6	2500	5.1
	Gorleston ...	1004.7	-4	SE	4	bc	46	85	6	2	4	-	2-3	4.6	2500	6.6
	Mildenhall ...	1002.5	-16	SSE	4	c	54	65	8	8	-	3	7.8	7.8	2500	4.9
	Cranwell ...	1002.0	-4	S'E	4	c	53	65	7	8	-	-	9	9	2500	4.2
3	Birmingham ...	1000.6	-2	S	4	pr.	48	85	6	6	-	-	10	10	1500	5.0
	Upper Heyford	1001.6	-4	S'E	4	pr.	47	85	7	8	7	-	7.8	9+	1500	*
4	Ross-on-Wye	999.1	0	SSE	2	c/r	50	85	8	9	-	3	7.8	9	2500	5.8
5	Portland Bill ...	1000.4	+10	SSW	4	c	49	85	7	4	-	-	7.8	7.8	2500	*
	Plymouth ...	999.0	+10	S'W	4	c	51	92	8	8	3	-	4.6	7.8	2500	6.9
	The Lizard ...	997.9	+4	S	5	bc	51	85	7	8	3	-	1	2-3	2500	*
	Scilly (St. Mary's)	995.6	0	SSW	6	bc	53	75	7	8	-	3	2-3	4-6	2500	4.8
	Guernsey ...	1002.0	+8	SSW	4	c	52	75	8	5	1	-	4.6	7.8	4000	8.3
6	Pembroke ...	995.3	+12	S	4	bc	50	85	7	5	8	1	2-3	4.6	4000	1.1
7	Holyhead ...	997.1	+6	S'E	4	c	51	75	8	8	3	-	4.6	7.8	4000	3.5
	Chester (Sealand)	998.7	+2	SE'E	4	c	50	75	8	5	2	-	9	10	2500	4.9
8	Manchester ...	999.5	-2	S'E	3	pr.	51	65	7	8	-	-	9+	9+	2500	5.0
10	Spurn Head ...	1002.4	+4	SSW	4	c	48	75	7	4	7	-	7.8	9	2500	3.1
	Catterick ...	1000.0	-4	S	2	2.	50	75	6	8	7	3	4.6	7.8	2500	2.9
	Tynemouth ...	1000.6	+4	SSE	2	c	48	85	5	5	-	-	9+	9+	1500	1.2
11	Inchkeith ...	1001.1	+2	NE	2	m	43	97	4	5	-	-	9+	9+	800	0.0
	Leuchars ...	1000.5	+6	NE	1	2.	44	97	5	5	-	-	10	10	800	0.0
12	Renfrew (Abbots I.)	999.3	0	ENE	3	2.	49	75	6	5	-	-	7.8	7.8	4000	0.1
	Eskdalemuir ...	999.8	+4	NE'N	1	c	43	92	6	5	2	-	9+	10	1500	0.7
	Point of Ayre...	998.3	+8	SE	2	c	49	92	7	3	-	-	9	9	800	1.5
13A	Tiree ...	998.8	+14	ESE	3	bc	49	75	7	5	3	-	2.3	4.6	2500	0.7
13B	Stornoway ...	1001.9	+8	ENE	5	c	42	92	6	5	2	-	4.6	10	1500	0.1
15	Dalwhinnie ...	*	+8	-	0	c	40	85	7	5	-	-	10	10	2500	1.0
	Aberdeen ...	1001.3	+4	NE'N	1	f-	42	97	3	-	-	-	10	10	2150	0.0
	Wick ...	1002.2	+6	NE	4	o	40	97	6	5	-	-	10	10	800	*
16	Lerwick ...	1004.9	0	ENE	5	c	41	75	8	5	8	-	4.6	7.8	2500	6.7
17	Blacksod Point	994.2	+12	SE	2	c	50	75	8	2	5	-	2.3	7.8	1500	[illegible]
18	Malin Head ...	997.3	+8	E	4	c	45	97	6	8	-	-	7.8	7.8	1500	3.1
	Aldergrove ...	996.7	+8	SE'E	3	c/d	50	75	7	5	3	1	7.8	9+	1500	1.8
19	Birr Castle ...	993.2	+6	SSE	1	r	48	85	7	6	2	-	7.8	10	1500	3.6
20	Valentia Obsy. †	989.2	+6	ENE	3	c/pr	51	85	8	5	-	-	9	9	1500	3.1
	Rochee Point	991.6	+4	SE	4	bc	50	92	8	5	-	3	4.6	4.6	800	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1002.3	0	SW	3	c/pr	49	92	6	8	7	2	4.6	7.8	1500	1	*
	Croydon ...	1002.0	0	S'W	3	2.	48	75	6	8	6	-	2-3	4.6	4000	1	*
	S. Farnborough	1002.0	+4	S	3	2.	47	92	6	8	-	2	1	4-6	2500	2	*
	Boscombe Down	1001.2	+6	S'W	4	bc	47	85	7	2	-	-	4.6	4.6	1500	1	*
	Calshot (Sthmtn.)	1002.2	+4	SSW	3	bc	47	92	7	3	4	4	1	4.6	2500	1	3
	Lympne ...	1004.2	+4	S	2	c	46	92	7	8	6	-	4.6	7.8	2500	1	2
	Manston ...	1003.7	-2	S'E	3	ir.	48	85	6	5	-	-	7.8	7.8	2500	1	*
2	Shoeburyness ...	1003.4	-2	S	3	c/pr	46	92	8	8	-	-	9	9	2500	1	*
	Felixstowe ...	1004.2	-2	ESE	2	ir.	44	92	6	5	7	-	7.8	9+	1500	1	3
	Gorleston ...	1004.2	0	S'E	4	ir.	45	92	6	6	-	-	10	10	1500	1	2
	Mildenhall ...	1002.5	-2	SE'E	3	c/r	45	92	8	5	7	-	4.6	10	2500	1	*
	Cranwell ...	1001.6	0	SSE	3	c	47	85	7	8	3	3	4.6	7.8	2500	1	*
3	Birmingham ...	1000.8	+2	SSE	2	c	46	85	5	9	7	-	7.8	9	1500	1	*
	Upper Heyford	1001.5	+4	-	0	c/pr	45	85	9	8	-	5	7.8	7.8	1500	1	*
4	Ross-on-Wye	999.7	+6	S	2	c	48	75	8	8	-	1	4.6	7.8	2500	1	*
5	Portland Bill ...	1000.7	+4	SSW	4	c	48	85	7	4	4	-	7.8	10	2500	1	3
	Plymouth ...	998.9	0	S	4	bc	49	85	8	3	4	2	1	4.6	2500	1	2
	The Lizard ...	997.6	0	S	5	c	49	85	7	8	6	-	7.8	7.8	2500	1	3
	Scilly (St. Mary's)	994.9	-2	S'W	5	c/pr	48	85	7	8	4	3	4.6	7.8	1500	1	3
	Guernsey ...	1001.8	0	SSE	2	c	48	85	7	8	-	-	7.8	7.8	2500	1	3
6	Pembroke ...	996.7	0	SE'S	4	c	47	85	7	5	7	-	7.8	9+	2500	1	2
7	Holyhead ...	997.5	+4	SSE	1	c	49	85	8	8	6	3	4.6	9	4000	1	1
	Chester (Sealand)	999.3	+8	-	0	pr	47	85	6	8	-	-	10	10	1500	1	*
8	Manchester ...	999.5	+4	SSE	2	pr.	49	75	5	8	3	2	4-6	9	2500	1	*
10	Spurn Head ...	1001.5	-4	SSE	4	c	44	85	7	5	7	-	4-6	7.8	2500	0	3
	Catterick ...	1000.6	+6	SE'S	2	c/pr	47	85	6	8	7	-	7.8	9+	2500	1	*
	Tynemouth ...	1000.6	+2	SW	2	c/pr	44	85	6	5	-	-	7.8	7.8	1500	1	1
11	Inchkeith ...	1001.7	+6	NE	2	m	41	97	4	5	-	-	9+	9+	800	0	2
	Leuchars ...	1001.3	+6	ENE	1	2.	42	97	5	5	-	-	10	10	1500	1	*
12	Renfrew (Abbots I.)	1000.0	+10	E'N	3	id.	47	85	5	5	-	-	10	10	2500	1	*
	Eskdalemuir ...	1000.5	+6	NNE	2	c	42	92	6	5	2	-	9	9+	1500	4	*
	Point of Ayre...	998.7	0	SE	2	c	45	97	8	5	-	-	7.8	7.8	1500	1	*
13A	Tiree ...	999.8	+10	NE	3	c	44	85	6	5	3	2	1	7.8	2500	0	2
13B	Stornoway ...	1003.2	+6	ENE	5	r.r.	41	92	7	5	2	-	4.6	10	1500	1	3
15	Dalwhinnie ...	*	+6	NE	2	ef	37	97	4	5	-	-	10	10	800	9	*
	Aberdeen ...	1002.6	+10	NE'E	1	f3	41	97	4	5	-	-	10	10	2150	1	1
	Wick ...	1003.2	+4	NNE	4	o	40	97	6	5	-	-	10	10	800	1	3
16	Lerwick ...	1005.9	+8	ENE	5	c	40	75	8	5	7	9	4.6	9	1500	0	*
17	Blacksod Point	995.1	+8	NE	3	bc	46	85	9	8	-	-	4.6	4.6	1500	1	3
18	Malin Head ...	998.2	+14	E	4	c	46	92	7	5	8	1	7.8	9+	2500	0	2
	Aldergrove ...	998.0	+10	E'S	3	2	47	85	6	5	-	-	9+	9+	1500	1	*
19	Birr Castle ...	993.1	-2	SSE	1	c	50	85	8	8	7	-	4.6	9+	1500	1	*
20	Valentia Obsy. †	990.6	+10	E'N	2	fp	49	85	8	5	-	-	9+	9+	1500	1	1
	Rochee Point	991.7	0	SE	4	c	48	92	8	5	7	5	4.6	7.8	1500	1	4

PAST 24 HOURS.

Stations	Weather. 7h.—13h. 19th (37)	13h.—18h. 19th (38)	18h. 19th to 1h. 20th (39)	1h.—7h. 20th (40)
London (Kew)	cprhcr	ercpr.	cbcw	bxbFF
Croydon ...	cbccpr.	cpr.bcb	bcbm.w	bbcm.w
S. Farnborough	cr.rm.c	d.r.pr.bc	bcm.bifx	bifxfe.
Boscombe Down	cprcir	cir.cpr.c	bcbcpr.	bcbcmom
Calshot (Sthmtn.)	bccir.r.	cbc	bccpr	bcbwm.
Lympne ...	bcm.c	bccprc	cpr.bcw	bw,cm.
Manston ...	bcc	crr.m.	r.m.bcbw	bwbcfm
Shoeburyness ...	bcc	crrp.c	bcbxc	cbc
Felixstowe ...	cbc	bcpr.RR	cr.r.bc	bcf
Gorleston ...	cbc	bcbir.	c	cof
Mildenhall ...	bccbcz.	cpr.cr.r.	cd.dbcm	bcmbfce
Cranwell ...	cbcc	cpr.	cpr.	bfeFex
Birmingham ...	bcpr.	cprc	cbc	bcf
Upper Heyford	cm.cpr.	cpr.r.rP	cbcbbccf	cf
Ross-on-Wye	bccir.	p.bccpbc	bcb	bwcom
Portland Bill ...	c	c	cbcb	bbc
Plymouth ...	cid.pr.bc	bcbbc	bbcspr.	c
The Lizard ...	pr.bc	bcc	cprbc	cprc
Scilly (St. Mary's)	bcp.	bccp.	bccp.	cp.bc
Guernsey ...	cp.bc	cprc	cbcbw	bwcp.
Pembroke ...	cpr.bc	bcc	cqpr	cq
Holyhead ...	r.c	pr.c	pr.PRb	bbc
Chester (Sealand)	cbcc	cpr.prPRc	cpr.prmbm	bFFxmb
Manchester ...	ccpr.	cpr.cz.	cm.rf	bcm.bm
Spurn Head ...	c	c	c	irmf
Catterick ...	m.odfm.	cz.prm.	Cm.	cm.ofe
Tynemouth ...	oir.c	cp.	cbc	off
Inchkeith ...	¼z -	z	zifwz	zcw
Leuchars ...	cm.	cm.	cm.	crrrm
Renfrew (Abbots I.)	cm.d.bc	bcez.	cm.dpr.	cm.ir.
Eskdalemuir ...	r.fcm.	r.id.c	cirm.	omoff
Point of Ayre...	oc	c	c	zc
Tiree ...	cbc	bcc	c	cbc
Stornoway ...	cr.r.c	cr.r.c	crr,c	c
Dalwhinnie ...	c	cm	*	ffc
Aberdeen ...	oFef	affom	pmm.	m.md.
Wick ...	om.m.	om.m.	m.Fm	om.r.
Lerwick ...	c	c	cpr.	c
Blacksod Point	bc	pr.c	pr.c	pr.c
Malin Head ...	c	cpr.c	c	cz.z.
Aldergrove ...	bccd.	cpr.m.c	cirbccir.	cm.om.
Birr Castle ...	cr	cprc	c	cpr
Valentia Obsy. †	prpre	cirir.c	irir.c	irir.c
Rochee Point	cprbc	bcc	circ	circ

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.*

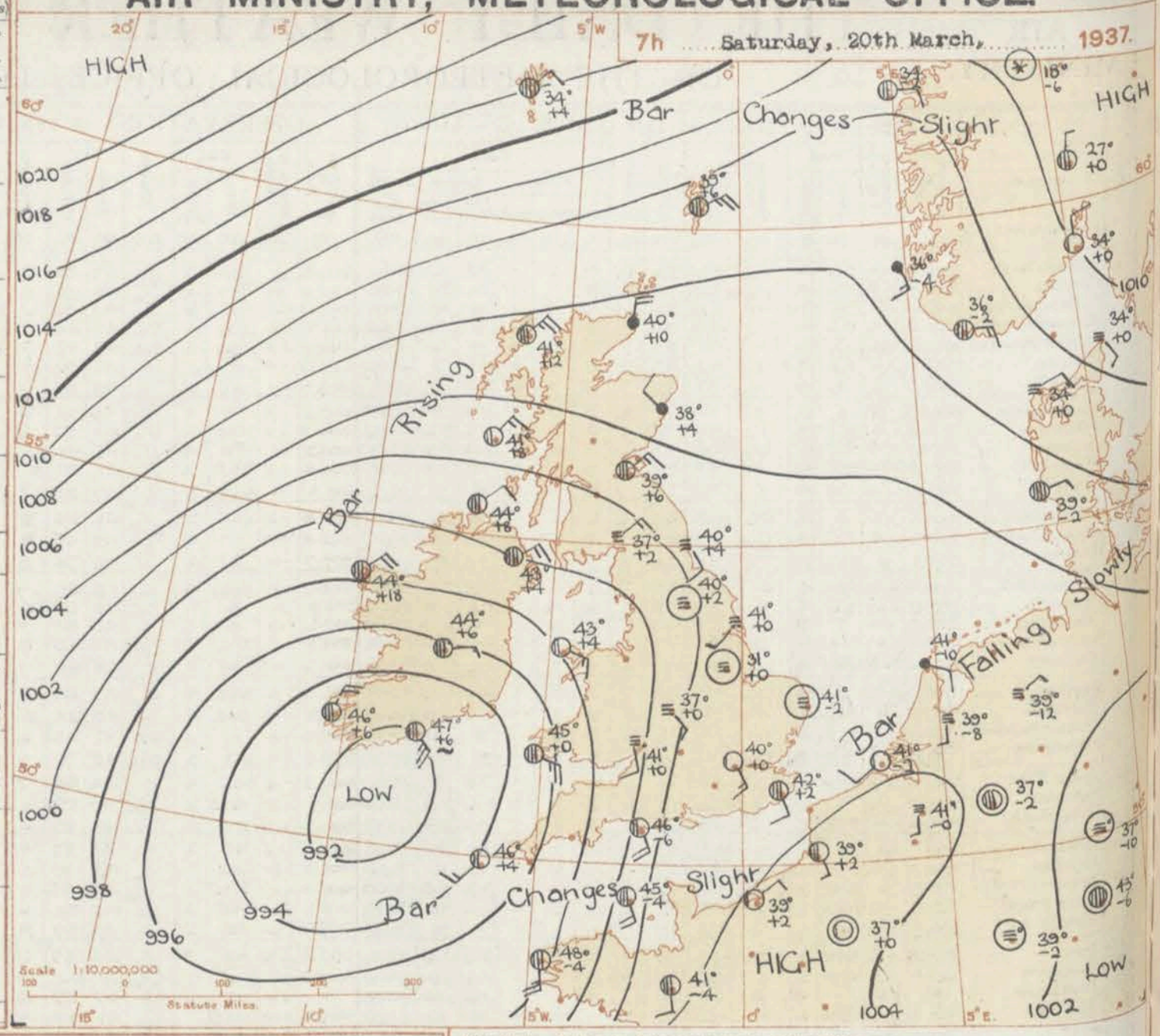
† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 19th March 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.	bcco	ocp	41	51	Trace	1	2.0	2.9
	Bournemouth	o	cbbc	44	54	-	-	1.8	8.4
	Ventnor ...	coro	cb	43	51	-	0.3	2.7	8.3
	Southsea ...	c	cpbcb	45	52	0.4	0.4	2.4	8.7
	Bognor Regis	bcpr	bctr	45	48	-	1	2.1	7.4
	Littlehampton	bccrc	cbc	45	49	-	0.5	2.6	8.0
	Worthing ...	bcop	c	45	49	2	0.3	2.5	6.9
	Brighton ...	bc	cdc	45	49	-	0.5	2.6	6.9
	Eastbourne† ...	bbcc	coiro	44	50	0.2	3	3.8	5.7
	Hastings† ...	bbcc	corc	43	50	-	1	3.9	6.2
	Folkestone ...	bbcc	corc	43	52	Trace	Trace	6.5	7.2
	Dover ...	bccbc	bccp	44	53	Trace	Trace	6.9	7.7
	Deal	bbc	ccrc	43	53	-	Trace	6.2	7.4
	Ramsgate ...	bc	bcc	44	51	-	-	6.0	5.9
	Margate ...	bc	bccd	43	53	0.2	Trace	5.5	8.2
2	Southend ...	bbc	bcorc	41	55	0.3	1	4.8	4.6
	Maldon ...	b	bcorc	37	55	-	1	4.5	3.2
	Clacton-on-Sea	bc	bcor	42	49	0.5	3	5.3	4.6
	Doverecourt ...	bc	bcroc	41	51	Trace	4	6.1	5.3
	Lowestoft ...	cbcbb	bbcc	41	49	-	-	6.2	6.4
	Skegness ...	cbcb	bctr	41	49	0.1	0.1	6.0	6.6
	Mablethorpe...	bccbc	bcbbcc	40	53	3	Trace	6.8	5.6
	Cleethorpes ...	bc	bc	40	54	2	-	6.3	5.5
3	Leamington S.	oc	cpc	43	53	-	0.2	0.6	3.6
4	Cheltenham†	cbccr	circ	43	52	0.3	2	2.3	5.2
5	Bath	cpbc	pcbcb	44	55	3	2	3.0	6.0
	Weymouth ...	rc	b	46	53	0.1	-	4.0	5.8
	Jersey ...	crc bc	bcc	45	52	-	1	2.1	6.9
	Torquay ...	cpbc	bcb	44	54	5	0.1	3.4	6.1
	Penzance ...	b	bbcbc	46	54	7	-	5.4	6.4
	St. Ives ...	b	b	45	54	11	-	8.7	6.2
	Bude... ...	bcpbc	bc	45	55	7	0.2	7.2	0.0
	Ilfracombe ...	pbcc	pcbc	44	55	7	2	5.9	6.6
6	Aberystwyth	prbcc	prbc	45	53	2	1	5.2	3.7
7	Llandudno ...	cbc	cbcir	43	53	0.2	1	2.2	1.7
	Colwyn Bay...	cebcb	bcopb	42	54	0.3	0.5	3.8	2.7
	Rhyl	cbc	bcopr	43	53	-	1	2.1	3.0
8	Wallasey ...	bcc	pbcco	44	52	-	Trace	0.8	3.1
	Southport ...	cbcc	cpbcc	43	53	0.2	Trace	1.7	3.2
	Blackpool ...	ccp	ocpbc	43	52	Trace	Trace	1.9	3.6
	Morecambe ...	bbcd	bcir	43	53	0.3	1	2.6	5.5
9	Ilkley... ...	c	cbcpc	38	51	1	3	2.5	5.4
	Harrogate ...	cbcc	cp	39	51	2	0.3	1.8	6.2
10	Berwick-on-T.	cro	cmbc	37	51	-	Trace	3.7	0.1
11	Dunbar ...	bcro	bc	36	47	Trace	-	1.1	0.2
12	Troon... ...	ccbcc	cbccc	37	50	6	-	0.7	1.9
	Douglas ...	cpr	cpro	42	48	4	0.3	1.4	1.4

† 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. 20th March, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light or moderate south wind, backing northeast; bright intervals, showers, local hail and thunder; local fog tomorrow morning; mild during the day; ground frost locally at night.
4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Moderate southeast to east wind; bright intervals, showers, local hail and thunder; local fog tomorrow morning; rather mild during the day; ground frost locally at night.
10 N.E. England 11 S.E. Scotland	Light northeast wind, freshening later; mainly cloudy; local rain and thunder; local fog tomorrow morning; becoming colder.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W.Scotland.	Moderate northeast wind; bright intervals, showers; local thunder; average temperature.
14 Mid Scotland 15 N. E. Scotland	As 10 - 11.
16 Orkney and Shetland	Fresh or strong northeast wind; bright intervals, wintry showers; colder.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Light or moderate northeast wind; bright intervals, showers; rather mild.

GENERAL INFERENCE.

A depression just south of Ireland is filling up, and another over East Germany is moving northwest. There will be bright intervals and showers in most districts. Thunderstorms will occur locally.

FURTHER OUTLOOK.

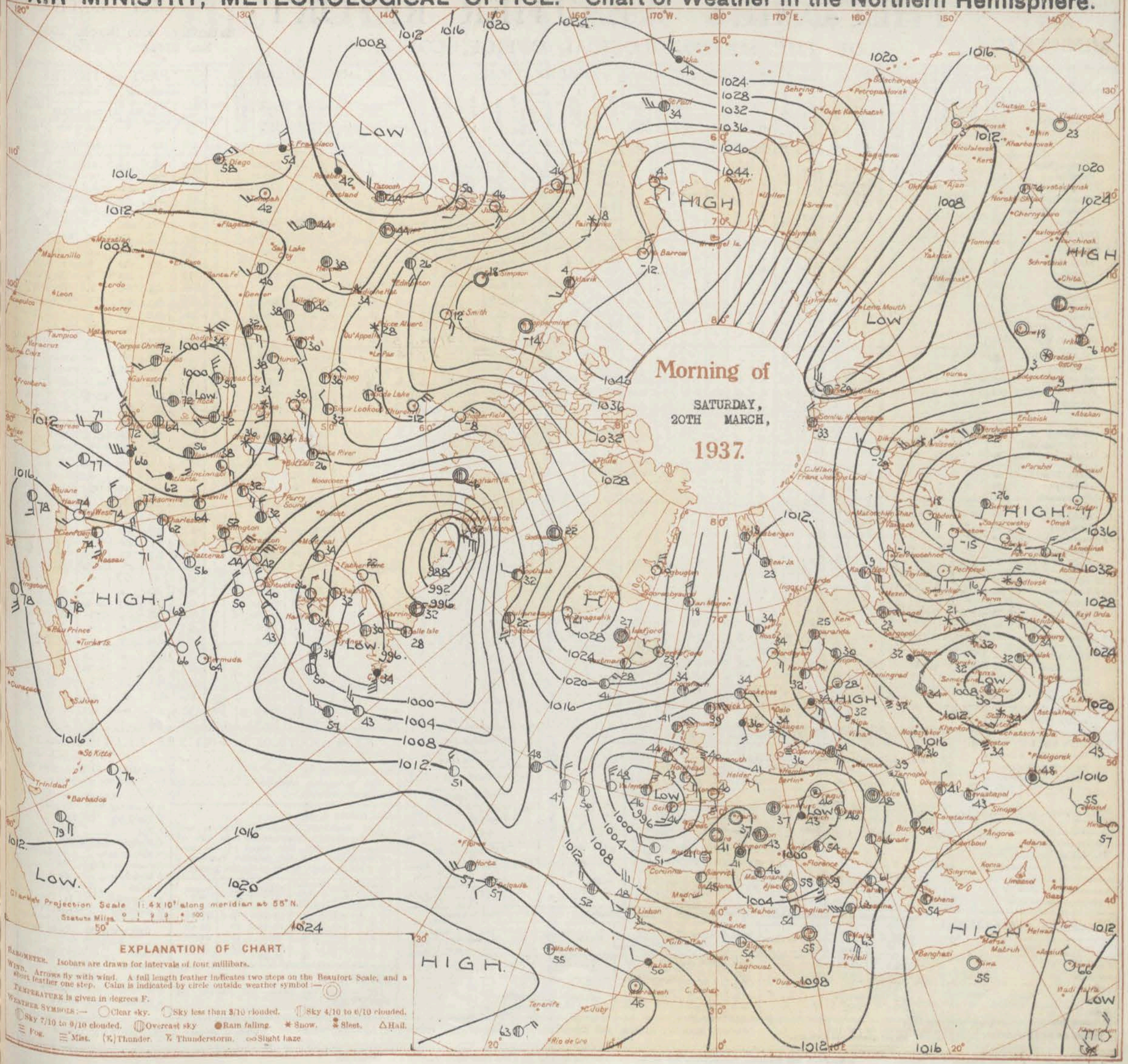
Becoming colder with perhaps rain in the East.

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

Saturday. 20th March. 1937.
No. 27512

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	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	1002·8	−2	S'E	3	z_0	41	97	6	-	4	1	0	1	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1004·5	−2	SW	1	bc	42	97	8	-	3	-	0	4-6	-
	Manston ...	142	1003·8	+2	SSW	3	b	39	92	8	-	-	8	0	1	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1004·0	−2	E'S	2	c	43	92	7	5	-	-	7-8	7-8	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1000·4	−2	S	4	b	47	85	8	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	996·5	−4	SSE	4	c	47	92	8	8	6	-	7-8	7-8	2500
	Scilly (St. Mary's)	163	994·6	−4	S'W	4	c/pr	46	92	8	8	3	-	7-8	9+	2500
	Guernsey ..	175	1001·9	−2	S	2	b	45	92	7	-	-	-	0	0	-
6	Pembroke ...	142	995·7	0	SE'S	5	prc	46	92	7	8	-	-	9	9	2500
7	Holyhead ...	26	998·7	0	SE'E	1	b	42	92	8	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1001·9	0	SSE	3	c	41	97	7	5	2	-	4-6	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1002·0	+4	SW	1	bc	42	92	6	5	-	-	2-3	2-3	2500
11	Inchkeith ...	190	1002·8	+6	NE	3	m	39	97	4	5	-	-	10	10	800
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1000·0	+6	SE	2	c	42	97	8	3	4	-	4-6	7-8	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1005·5	+6	ENE	4	c	41	92	7	5	2	-	7-8	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1004·3	+4	NNE	4	m	41	97	4	5	-	-	10	10	450
16	Lerwick ...	156	1006·9	+2	ENE	5	pr_0	39	85	8	8	2	-	7-8	10	800
17	Blacksod Point	18	996·7	+4	NE	4	c	45	97	7	8	-	-	10	10	800
18	Malin Head ...	84	1000·0	+6	NE	3	jp	45	97	7	6	2	-	4-6	7-8	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	992·3	+6	N	3	c	46	97	8	6	7	-	4-6	9	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	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)	1002·4	+2	E	2	bF-	36	97	1	5	7	-	Tr	Tr	2500	1	*
	Croydon ...	1002·0	0	SSE	3	z_0	40	97	6	2	4	-	1	1	2500	1	*
	S. Farnborough	1001·7	+4	SE'E	2	F	41	97	1	-	-	-	10	10	<150	2	*
	Boscombe Down	1001·2	0	ESE	3	m	41	97	4	5	-	-	10	10	220	1	*
	Calshot (Sthmtn.)	1001·8	0	E'S	3	z_0	43	97	6	5	4	-	1	1	1500	1	2
	Lympne ...	1003·6	+2	SSE	2	z_0	42	97	6	8	4	1	7-8	9	4000	1	§1
	Manston ...	1002·7	0	SSE	2	c	41	97	6	5	3	8	4-6	7-8	5700	1	*
2	Shoeburyness ...	1002·9	−2	SSE	1	c	40	97	8	5	7	-	7-8	9	4000	1	*
	Felixstowe ...	1003·3	−2	-	0	bcf	37	97	2	-	3	1	0	4-6	-	1	1
	Gorleston ...	1003·3	−2	-	0	F+	41	97	1	-	-	-	10	10	<150	1	1
	Mildenhall ...	1002·7	0	SE'E	3	bcf	35	97	2	-	5	1	0	2-3	-	1	*
	Cranwell ...	1002·6	0	-	0	bcF+	31	97	1	5	4	-	2-3	4-6	4000	1	*
3	Birmingham ...	1002·1	0	SE	1	cf	37	97	3	5	3	-	4-6	7-8	450	1	*
	Upper Heyford	1002·4	+4	E	1	f	36	97	2	5	-	-	10	10	450	1	*
4	Ross-on-Wye	1000·7	0	S'E	2	m	41	97	4	5	-	-	10	10	450	1	*
5	Portland Bill ...	999·1	−6	SSE	4	bc	46	92	7	4	-	-	4-6	4-6	2500	1	3
	Plymouth ...	996·8	−6	S'E	4	c	48	92	7	5	7	-	7-8	9+	1500	1	2
	The Lizard ...	995·4	0	SSE	3	c	47	97	8	8	6	-	7-8	9	2500	1	3
	Scilly (St. Mary's)	994·0	+4	SSW	3	jp	46	85	8	8	6	3	2-3	4-6	1500	1	2
	Guernsey ..	999·8	−4	SSE	4	c	45	97	7	8	2	-	7-8	10	2500	1	3
6	Pembroke ...	996·7	0	SE'E	5	q	45	92	7	5	-	-	9+	9+	2500	1	2
7	Holyhead ...	998·8	+4	ESE	3	jp	43	92	8	8	3	-	4-6	4-6	4000	1	2
	Chester (Sealand)	1000·8	+4	E'S	1	cf	32	92	1	5	-	-	7-8	7-8	4000	1	*
8	Manchester ...	1001·4	+4	SE	1	m	38	97	4	-	-	4	0	1	-	1	*
10	Spurn Head ...	1002·0	0	SSW	2	oF+	41	97	1	5	-	-	10	10	<150	1	1
	Catterick ...	1002·6	+2	-	0	f	40	97	2	-	-	-	10	10	<150	1	*
	Tynemouth ...	1002·3	+4	SSE	2	cf+	40	97	2	5	-	-	10	10	800	1	1
11	Inchkeith ...	1003·3	+6	NE	3	c	39	97	7	5	-	-	10	10	2500	1	2
	Leuchars ...	1004·2	+6	NE	1	c/r	40	92	6	6	1	-	7-8	10	2500	1	*
12	Renfrew (Abbots I.)	1002·1	+4	ENE	3	c/r	42	97	5	5	-	-	10	10	800	1	*
	Eskdalemuir ...	1002·1	+2	NE'E	3	f-	37	97	3	-	-	-	10	10	<150	4	*
	Point of Ayre ...	1000·2	0	E'S	2	c	42	97	7	5	5	-	4-6	7-8	450	1	1
13A	Tiree	1002·6	+8	NE'N	3	bc	41	92	7	5	-	-	4-6	4-6	4000	0	2
13B	Stornoway ...	1006·4	+12	NE	5	c	41	85	8	5	7	-	9	9+	2500	1	2
15	Dalwhinnie ...		+4	N	1	c	35	97	6	5	-	-	10	10	1500	9	*
	Aberdeen ...	1004·3	+4	NW	2	$1d_0$	38	97	4	5	-	-	10	10	<150	1	1
	Wick ...	1005·3	+10	NNE	4	r_0r_0	40	97	6	5	-	-	10	10	800	1	3
16	Lerwick ...	1007·4	+6	ENE	5	c	39	85	8	8	7	-	7-8	9	1500	0	*
17	Blacksod Point	998·4	+18	NE	4	c	44	92	8	8	-	-	7-8	7-8	1500	1	3
18	Malin Head ...	1001·3	+8	NE	2	c	44	97	6	5	1	-	9	10	1500	0	1
	Aldergrove ...	1000·2	+4	ENE	3	z_0	43	97	5	5	-	-	10	10	450	1	*
19	Birr Castle ...	996·2	+6	E'N	1	c/pr	44	92	8	8	-	-	9+	9+	1500	1	*
20	Valentia Obsy. †	993·1	+6	NNE	4	c	46	85	7	6	-	-	9+	9+	1500	1	2
	Roches Point	991·8	+6	SE	5	c/r	47	92	8	6	1	-	7-8	9+	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 1937 Hrs. (36)
1	London (Kew)	52	36	28	1	Tr	1·9
	Croydon ...	53	40	36	1	Tr	2·9
	S. Farnborough	51	39	29	1	Tr	1·7
	Boscombe Down	51	37	33	1	0·2	1·1
	Calshot (Sthmtn.)	50	42	37	0·3	1	1·2
	Lympne ...	51	40	30	1	0·2	5·5
	Manston ...	52	37	29	0·4	0·1	5·1
2	Shoeburyness ...	53	35	28	1	-	4·6
	Felixstowe ...	49	36	29	3	1	~~1·1~~
	Gorleston ...	48	41	39	Tr	5	6·8
	Mildenhall ...	56	33	30	2	Tr	3·7
	Cranwell ...	55	30	27	Tr	0·2	5·2
3	Birmingham ...	50	35	29	3	-	2·2
	Upper Heyford	51	33	30	2	0·2	*
4	Ross-on-Wye	53	37	27	1	-	3·2
5	Portland Bill ...	50	45	*	Tr	0·6	*
	Plymouth ...	52	46	45	0·2	0·1	7·0
	The Lizard ...	52	45	*	0·1	3	*
	Scilly (St. Mary's)	53	45	*	0·3	1	6·6
	Guernsey ..	53	44	41	1	0·1	4·8
6	Pembroke ...	50	44	*	Tr	0·4	6·0
7	Holyhead ...	53	41	33	0·5	3	3·0
	Chester (Sealand)	52	31	27	3	0·5	2·1
8	Manchester ...	53	38	36	~~0·5~~ Trace	1	0·9
10	Spurn Head ...	50	40	*	-	1	6·7
	Catterick ...	51	40	40	Tr	Tr	0·1
	Tynemouth ...	48	40	37	Tr	-	0·0
11	Inchkeith ...	46	38	38	-	-	2·4
	Leuchars ...	47	39	39	-	11	0·7
12	Renfrew (Abbots I.)	50	41	41	Tr	0·5	1·3
	Eskdalemuir ...	44	37	37	1	1	0·0
	Point of Ayre ...	50	41	*	0·5	-	2·0
13A	Tiree	51	41	37	-	-	4·3
13B	Stornoway ...	42	40	*	1	1	0·0
15	Dalwhinnie ...	41	34	32	0·6	-	0·0
	Aberdeen ...	42	38	38	Tr	Tr	0·0
	Wick ...	41	40	*	-	3	*
16	Lerwick ...	42	36	*	-	Tr	4·4
17	Blacksod Point	51	38	*	0·1	2	*
18	Malin Head ...	47	43	*	Tr	-	2·6
	Aldergrove ...	51	41	39	Tr	0·4	2·3
19	Birr Castle ...	50	43	40	2	1	1·7
20	Valentia Obsy. †	53	46	43	2	4	0·9
	Roches Point	50	46	*	3	5	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h)	Weather Afternoon (24 hrs. ended 9h)	Weather Night (24 hrs. ended 9h)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. Yesterday	Humidity 15h. G.M.T % Yesterday	Humidity 9h. G.M.T % To-day	Visibility 9h.
Kew	18	cprhcr	cr_0cpr_0	cbcwF	52	36	28	1	Tr	1·9	•	•	5
Croydon	217	$cbccpr_0$	cpr bcf	bcbm$_0$w	53	40	36	1	Tr	2·9	•	•	6
Greenwich (Royal Observatory) ...	149	c	ircbc	bcbw	57	36	26	1	Tr	3·2	89	87	6
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	2·0	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	54	41	34	2		2·8	87	85	•
Regents Pk. (Botanic Gardens)‡ ...	168	•	•	•	52	38	31	1	-	0·8	89	95	•
Camden Square	110	c	crc	•	52	39	29	1	-	•	•	98	•
Kensington	80	c	bcpc	•	52	37	30	1	Tr	1·0	At 18h. 80	92	•
Hampstead Observatory	450	bc	or	bcpm	51	36	28	1	0·1	1·3	•	98	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington	Time	Min.	Time
Max. 0·8	19-23h 19th	<0·3	1-3 hrs 20th

Kew Observatory	Time	Min.	Time
Max. 0·2	21h 19th	<0·1	9h 19th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 19th March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 20th March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1005·3	SW	2	c	54	1004·5	-	0	z_0	37	55	36	2	-
Brussels	1005·2	SSE	2	c	50	1003·7	S	1	m	41	57	37	Tr	-
Berlin	1008·3	E	3	c	52	1001·0	NE	2	c/d	45	57	43	-	Tr
Zürich	1007·9	WNW	1	c/r	46	1002·4	N	1	rr	39	54	39	1	11
Rome	1008·1	SSE	7	c	63	1003·8	SSE	5	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.

Page I.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 21st March, 1937.
No. 27513.

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud Form Low (9)	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)	1001.7	-8	SSE	3	c	54	65	7	2	-	-	7.8	7.8	2500
	Croydon	1001.6	-6	SSW	3	bc	54	55	8	2	-	3	4.6	4.6	4000
	S. Farnborough	1001.8	-8	S'E	3	bc	53	55	8	2	-	1	4.6	4.6	2500
	Boscombe Down	1000.6	-6	SE'S	4	c	51	65	8	8	-	-	9+	9+	2500
	Calshot (Sthmtn.)	1001.9	+2	ESE	3	c	49	85	7	8	7	-	7.8	9+	1500
	Lympne	1003.2	-8	SE	2	bc	53	75	8	2	6	3	2.3	2.3	2500
	Manston	1003.0	-2	SEE	2	bc	52	75	6	8	7	-	2.3	4.6	2500
2	Shoeburyness	1002.5	-2	SE'E	2	c	53	75	7	2	1	-	2.3	7.8	4000
	Felixstowe	1003.6	-2	ESE	1	bc	49	85	8	2	-	4	2.3	4.6	4000
	Gorleston	1003.5	-2	NE	1	m	48	85	4	2	-	6	7.8	7.8	2500
	Mildenhall	1002.4	-8	S'W	3	c	57	65	8	2	-	2	4.6	7.8	2500
	Cranwell	1003.2	-2	SE	2	zo	51	75	6	8	3	1	7.8	9	2500
3	Birmingham	1002.7	+4	S	2	c	46	75	6	5	1	-	4.6	9	1500
	Upper Heyford	1002.3	-2	SE	2	zo	50	75	6	8	-	-	4.6	4.6	1500
4	Ross-on-Wye	1000.8	0	E'S	3	c	50	65	7	8	-	-	9+	9+	2500
5	Portland Bill	999.3	+2	S	4	rr	46	92	7	4	-	-	10	10	1500
	Plymouth	997.6	+6	SSE	3	rr	47	97	6	6	2	-	9+	10	450
	The Lizard	997.1	+6	S,	3	bc	52	92	8	8	4	-	4.6	4.6	2500
	Scilly (St. Mary's)	995.6	+4	SW'S	4	jp	54	75	8	8	6	3	4.6	7.8	1500
	Guernsey	999.4	-2	S	4	c	48	85	7	8	-	-	9	9	2500
6	Pembroke	996.9	+2	ESE	5	q	48	85	7	5	7	-	4.6	9+	2500
7	Holyhead	1000.5	+6	NW'W	2	bc	49	85	9	2	6	-	4.6	4.6	4000
	Chester (Sealand)	1002.0	+4	S	1	zo	48	85	6	8	-	-	4.6	4.6	800
8	Manchester	1002.0	+2	ESE	3	bc/pr	53	65	6	2	-	1	4.6	4.6	4000
10	Spurn Head	1003.6	+6	SSE	2	F	40	97	1	5	-	-	10	10	<150
	Catterick	1004.0	+10	-	0	m	43	97	4	5	2	-	9+	10	800
	Tynemouth	1004.4	+4	SE	2	f	41	97	2	5	-	-	10	10	800
11	Inchkeith	1005.9	+12	ENE	3	c	40	92	6	5	-	-	10	10	1500
	Leuchars	1006.0	+10	ENE	2	c	43	92	6	5	2	-	9+	10	1500
12	Renfrew (Abbots I.)	1004.7	+10	ENE	4	zo	44	~~92~~ 85	5	5	-	-	10	10	800
	Eskdalemuir	1004.2	+10	NE	3	c	43	92	6	5	-	-	9	9	1500
	Point of Ayre	1002.8	+6	E'N	2	b	47	92	6	-	8	-	0	Tr	-
13A	Tiree	1005.7	+14	NE'N	4	b	46	86	8	-	3	8	0	1	-
13B	Stornoway	1005.5	+14	NE	6	c	45	65	8	8	7	-	4.6	7.8	2500
15	Dalwhinnie	*	+8	N	1	f	36	97	3	5	-	-	10	10	800
	Aberdeen	1006.9	+10	NW'W	2	ido	40	97	4	5	-	-	10	10	<150
	Wick	1007.5	+8	NNE	4	o	40	97	8	5	-	-	10	10	800
16	Lerwick	1008.8	+4	NE	5	c	42	75	8	8	7	-	4.6	7.8	1500
17	Blacksod Point	1002.2	+16	NE	5	bc	47	92	7	2	-	4	4.6	4.6	1500
18	Malin Head	1004.3	+10	NE	2	c	45	92	6	5	-	-	9+	9+	1500
	Aldergrove	1002.7	+8	ENE	3	zo	47	85	6	5	3	1	2.3	7.8	1500
19	Birr Castle	999.1	+12	E'N	2	c	49	85	8	8	1	-	4.6	9+	1500
20	Valentia Obsy. †	996.6	+18	ENE	3	iR	48	85	7	6	-	-	10	10	1500
	Roches Point	995.8	+20	SE	4	c/r	49	92	8	9	-	3	4.6	7.8	1500

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

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)	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)	1001.9	+6	SSE	3	zo	51	65	6	5	3	-	9	9+	1500	1	*
Croydon	1001.9	+6	SSE	3	c	50	65	6	2	3	-	2.3	9	4000	1	*
S. Farnborough	1001.8	+6	SSE	2	c	49	75	6	4	7	2	4.6	7.8	4000	1	*
Boscombe Down	1001.1	+4	SE'E	4	rr	45	97	6	6	2	-	7.8	10	800	1	*
Calshot (Sthmtn.)	1001.7	+6	E'N	4	iro	46	97	7	8	7	-	4.6	10	1500	1	3
Lympne	1003.4	+2	S'E	1	c	46	75	8	2	6	3	Tr	7.8	2500	1	0
Manston	1002.8	+6	S	1	bc	47	75	7	1	4	2	Tr	4.6	4000	1	*
Shoeburyness	1002.8	+2	SSE	2	bc	46	85	8	2	7	-	1	4.6	4000	1	*
Felixstowe	1003.6	+8	ENE	2	bc	45	92	7	3	3	3	1	4.6	2500	1	2
Gorleston	1004.3	+6	-	0	bc	42	92	6	5	3	-	4.6	4.6	2500	1	1
Mildenhall	1003.0	+10	ENE	5	iro	48	85	7	9	6	3	7.8	7.8	1500	1	*
Cranwell	1003.5	+4	E	2	m/f	43	97	4	5	-	-	10	10	220	1	*
Birmingham	1002.6	0	E	2	zo	49	65	5	3	6	3	2.3	4.6	2500	1	*
Upper Heyford	1001.9	+6	SE	2	bc	48	65	7	8	-	8	4.6	4.6	1500	1	*
Ross-on-Wye	1000.9	+6	SE	2	iro	47	75	5	6	1	-	9	9+	2500	1	*
Portland Bill	999.7	+4	SSE	3	c	46	92	8	4	-	-	9	9	2500	2	3
Plymouth	998.6	+14	S	3	bc	49	92	8	8	7	1	4.6	4.6	2500	1	1
The Lizard	997.8	+8	S'E	2	c	49	85	8	8	7	-	4.6	7.8	2500	1	2
Scilly (St. Mary's)	996.8	+10	S'W	2	bc	49	85	8	8	4	3	2.3	4.6	2500	1	2
Guernsey	999.8	+6	SW	1	bc	49	85	9	8	1	-	2.3	4.6	2500	1	2
Pembroke	998.5	+8	ESE	3	rr	45	97	7	8	2	-	7.8	9+	2500	1	3
Holyhead	1001.2	+8	E'N	4	bc	48	85	7	5	3	8	2.3	4.6	2500	1	2 *
Chester (Sealand)	1002.0	+2	-	0	zo	49	75	6	8	-	-	4.6	4.6	2500	1	*
Manchester	1002.2	+6	ENE	3	m/f	50	75	4	8	-	-	4.6	4.6	4000	1	
Spurn Head	1003.9	0	E	3	bc	41	97	6	-	2	1	0	4.6	-	0	1
Catterick	1004.4	+8	NNW	1	zo	44	92	5	5	-	-	10	10	1500	1	*
Tynemouth	1005.7	+8	NE	2	c	41	97	6	-	2	-	7.8	7.8	1500	1	1
Inchkeith	1006.8	+4	ENE	3	c	40	92	6	5	-	-	10	10	1500	0	2
Leuchars	1007.2	+12	NE	1	c	42	92	6	5	2	-	7.8	10	1500	1	*
Renfrew (Abbots I.)	1006.3	+12	E'N	3	zo	48	92	5	5	-	-	10	10	1500	1	*
Eskdalemuir	1005.4	+10	NNE	4	c	39	85	6	5	-	-	10	10	1500	4	
Point of Ayre	1003.9	+4	E'N	4	bc	44	97	6	-	8	-	0	4.6	-	1	2
Tiree	1007.9	+16	NNE	5	b	43	85	8	2	3	-	Tr	1	4000	0	3
Stornoway	1012.0	+16	NE	5	bc/pr	40	85	8	5	7	-	2.3	4.6	2500	1	2 *
Dalwhinnie	*	+14	NE	2	d	35	97	5	5	-	-	10	10	1500	9	
Aberdeen	1007.9	+10	N'W	2	c/ido	42	92	6	6	2	-	9+	10	800	1	1
Wick	1009.7	+12	NNE	3	c/pr	40	85	8	8	6	2'	4.6	9	800	1	3 *
Lerwick	1009.6	+10	NE	5	c/pr	38	92	8	8	-	-	7.8	7.8	800	1	
Blacksod Point	1004.6	+18	NE	6	c	46	85	7	-	7	-	0	9	-	0	4
Malin Head	1005.8	+12	NE	2	c	44	92	7	5	-	-	7.8	7.8	1500	0	1 *
Aldergrove	1004.0	+10	NNE	2	zo	45	92	6	5	-	-	1	1	1500	1	
Birr Castle	1001.3	+12	E'N	1	c	50	75	8	8	7	-	4.6	7.8	1500	1	*
Valentia Obsy. †	999.3	+18	NE	4	bc	48	75	8	6	7	-	4.6	4.6	1500	1	2
Roches Point	998.1	+20	E	4	c	47	92	8	6	6	-	4.6	7.8	1500	1	4

PAST 24 HOURS. Weather.

Stations	7h.—13h. 20th. (37)	13h.—18h. 20th. (38)	18h 20th to 1h. 21st. (39)	1h.—7h. 21st. (40)
London (Kew)	bfbbcc	cycmo	cmo	roroido
Croydon	bmob	bcyc⊕cz	czoorom	ororormo
S. Farnborough	ofebcy	bcyczo	crorrbc	roorzdo
Boscombe Down	offcproc	cpror	crrroro	crroc
Calshot (Sthmtn.)	bmobc	ciro rr	ciro	ciro
Lympne	cmobc	bc	bcciro	c,orrmo
Manston	bcebcm	bc	bcmocpro	corormo
Shoeburyness	c	cbc	bcx	cmoir
Felixstowe	bcfcbc	bc	bcb	bw,cmo
Gorleston	ofcm	cmbczo	ffoeo	bcc
Mildenhall	bffcmcmc	cprotlrr	croc,bw	bw,c
Cranwell	Fcofc	cbccm	ombcom	ommo
Birmingham	fcc	cbcz	bc	bco
Upper Heyford	ofcfmbc	bcmoy	bcmowc	cwmo
Ross-on-Wye	omcbcc	ccRcpc	rr	or,o
Portland Bill	frrr	rrc	bc	bcc
Plymouth	cprrororr	crrmocbc	bcprobc	bccd,dpro
The Lizard	cbc	bcc	probc	rcprt
Scilly (St. Mary's)	pobcc	cpobc	cpobc	bcwc
Guernsey	ciroc	cbc	bccpr	bcw
Pembroke	cproq	cqrr	cirq	cqiro
Holyhead	bc	bc	bcbfc	proc
Chester (Sealand)	bcFmmo	bcmbzo	bccmo	cmo
Manchester	bmfcpro	bczocfz	bczcmo	cmo
Spurn Head	Ff	ffbc	oc	owpro
Catterick	fdoro,dom	bcmocmo	cmorom	mrocmo
Tynemouth	off	oifpoc	oifo	oiro
Inchkeith	czoc	c	ciro	iroc
Leuchars	cmo	cmo	cmroroc	c
Renfrew (Abbots I.)	cmo	cmo	cmocro	rororoc
Eskdalemuir	offc	cmo	cbcbm	crsomo
Point of Ayre	cbc	bc	bcpro	proc
Tiree	bcb	b	bbc	bc
Stornoway	c	cbcpro	bccpro	cps
Dalwhinnie	ffc	mdc		iroisoc
Aberdeen	odomf	oidom	oido	probcv
Wick	moroc	oprc	cprsc	bcprc
Lerwick	s	cpr	cprbc	cpsb
Blacksod Point	bc	cq	cq	cq
Malin Head	czozo	czoc	croro	cpro
Aldergrove	1oprocm	cbcbmo	bbccmo	cmociro
Birr Castle	cprc	c	c	c
Valentia Obsy. †	iroirIR	iRiroirb	bcproc	c
Roches Point	irRc	cprc	cprc	cpro

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.*

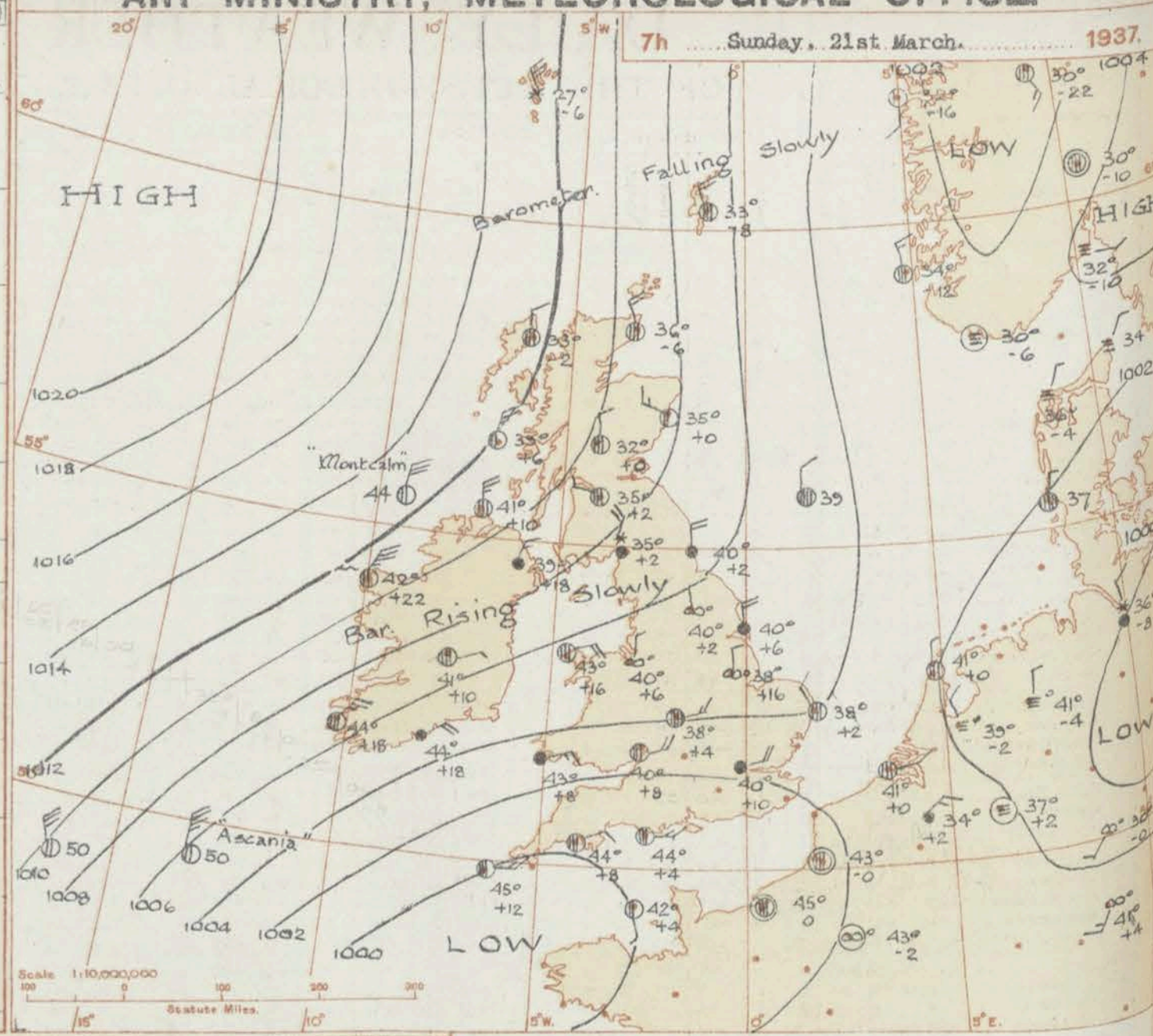
† Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 20th March, 1937.

Districts	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature (°F) Min. 9h. 19th. to 9h. 20th.	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.	bc	bc	34	56	–	–	5.9	2.0
	Bournemouth	bcor	ro	40	49	–	3	1.2	1.8
	Ventnor ...	rbbc	cor	43	54	0.5	1	3.8	2.9
	Southsea ...	bbc	copor	42	51	0.4	Trace	4.7	2.6
	Bognor Regis	bcbc	bccr	44	50	0.5	Trace	6.9	2.5
	Littlehampton	bc	bcc	43	52	–	–	6.7	2.8
	Worthing ...	b	bbcc	41	51	Trace	–	6.9	2.5
	Brighton ...	b	bcb	43	52	–	–	6.6	2.6
	Eastbourne† ...	b	bbcc	39	53	1	–	7.2	3.8
	Hastings† ...	bc bbc	bccc	41	52	0.5	–	6.2	3.9
	Folkestone ...	cbcb	bbcc	38	52	0.3	–	5.4	6.5
	Dover ...	bc	bc	35	52	Trace	–	7.6	6.9
	Deal	cbccb	b	35	56	–	–	6.1	6.2
	Ramsgate ...	cbcb	bbc	42	52	–	–	4.9	6.1
	Margate ...	cbc	bc	42	56	0.4	–	3.0	5.5
2	Southend ...	cbcb	bbc	40	58	Trace	–	6.5	4.8
	Maldon ...	cb	bcpbc	35	55	–	Trace	5.1	4.5
	Clacton-on-Sea	cbc	bc	40	49	0.6	–	7.4	5.3
	Dovercourt ...	bc	bc	36	52	0.4	–	8.3	6.1
	Lowestoft ...	cfbcb	bbcc	39	51	4	–	5.0	6.2
	Skegness ...	cfcb	bfbbz	37	47	0.1	–	5.1	6.2
	Mablethorpe...	cf	mbcbc	39	43	–	–	1.2	6.8
	Cleethorpes ...	cfk	cm	40	43	2	–	0.0	6.3
3	Leamington S.	opoc	x	36	54	1	–	3.2	0.6
4	Cheltenham†	cbc	bcc	38	53	0.3	–	4.3	2.4
5	Bath	cbcp	crr	39	52	–	2	1.8	3.7
	Weymouth ...	cir	irc	45	49	0.6	0.6	0.6	4.1
	Jersey ...	pcr	rcbc	44	49	0.5	2	0.4	2.1
	Torquay ...	cp	crpbc	47	50	Trace	0.4	0.6	3.4
	Penzance ...	bcbb	bpbcc	46	54	1	Trace	6.1	3.4
	St. Ives ...	b	b	44	54	4	–	7.0	3.4
	Bude... ...	cpr	cbcpr	45	51	2	5	1.3	7.2
	Ilfracombe ...	rcbco	ocpc	45	53	1	Trace	0.4	6.5
6	Aberystwyth	cbc	bcc	42	54	–	–	7.6	5.6
7	Llandudno ...	bbc	bcbw	40	55	–	–	3.5	2.2
	Colwyn Bay...	bcbcb	bcbcb	37	55	–	–	3.8	3.9
	Rhyl	bbc	bcb	37	53	0.1	–	3.0	2.1
8	Wallasey ...	bcbc	bbc	40	55	3	–	7.2	0.8
	Southport ...	bcc	cbc	38	56	0.1	–	7.2	1.7
	Blackpool ...	bbcc	cpc	39	53	0.5	Trace	5.2	1.9
	Morecambe ...	bbc	bcc	43	54	0.5	–	5.2	2.6
9	Ilkley... ...	fcc	occc	40	49	–	–	1.9	2.5
	Harrogate ...	c	c	42	48	1	–	1.7	1.8
10	Berwick-on-T.	Ffo	omm	37	42	0.6	–	0.0	3.7
11	Dunbar ...	of	of	39	41	1	Trace	0.0	1.1
12	Troon... ...	cccoc	cccc	40	47	2	–	0.0	0.7
	Douglas ...	com	bcz	41	51	–	–	8.2	1.4

* 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.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 21st March, 1937.

Districts.	Forecasts
1 S.E. England 2 E. England ... 3 E. Midlands ...	Moderate northeast to east wind; cloudy, with occasional slight rain at first, bright intervals with wintry showers later, rather cold.
4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. / B.N.W. Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland 17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Moderate north to northeast wind; bright intervals and wintry showers, especially in the North; cold with ground frost at night in most districts.

GENERAL INFERENCE.

A depression in the Bay of Biscay is filling up, and moving slowly southeast. Pressure is high to the south of Iceland. Mainly cloudy conditions will prevail with wintry showers in the North, and occasional slight rain in the South.

FURTHER OUTLOOK.

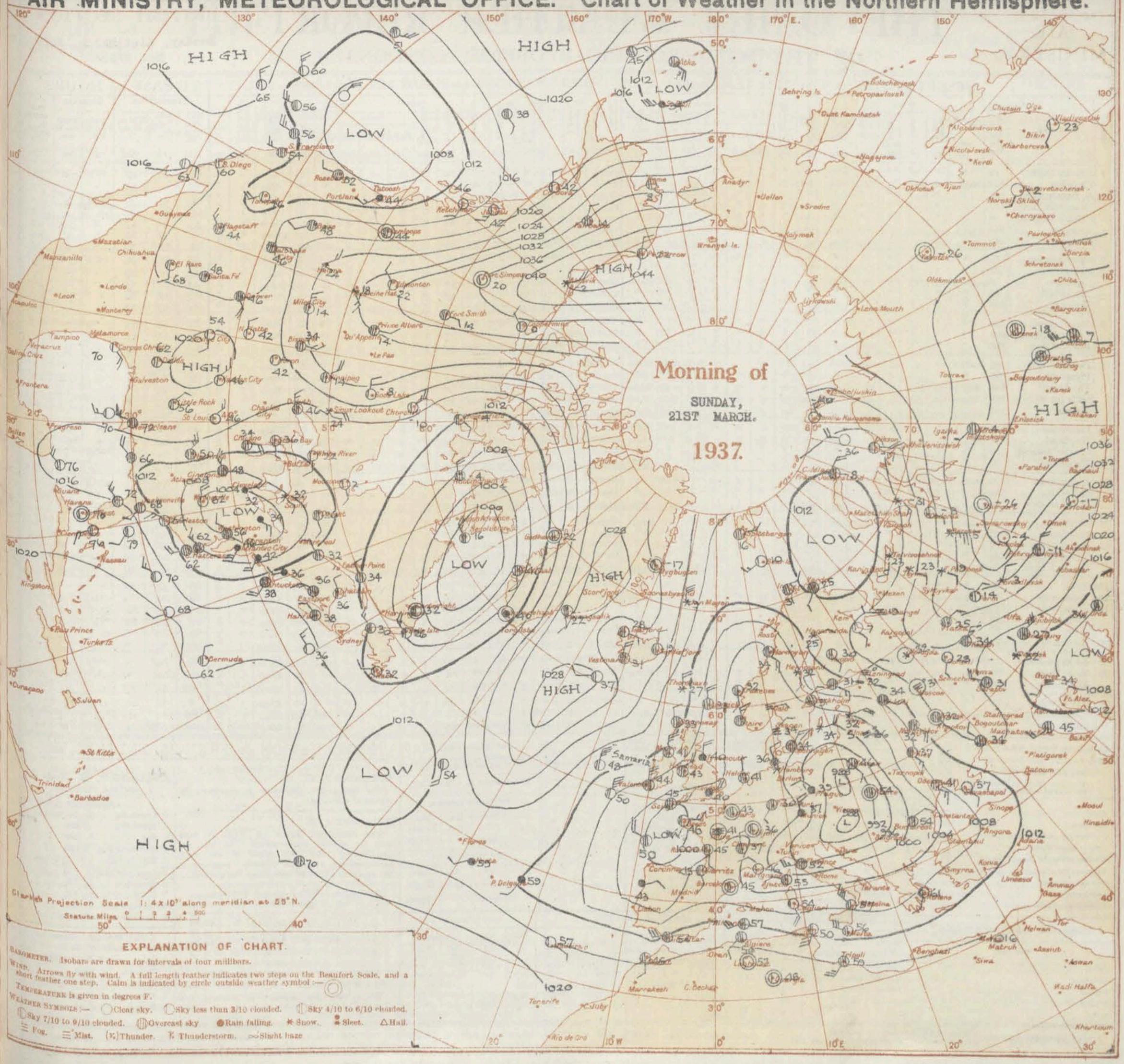
Wintry conditions spreading South, snow on high ground in the North.

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

Sunday, 21st March, 1937.
No. 27513.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	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	1002·2	−2	E'N	2	r₀r₀	44	92	5	–	2	–	10	10	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1002·6	−6	ENE	3	c/r	44	92	7	6	2	–	7-8	10	4000
	Manston	142	1002·9	−2	E	2	c/pr	43	92	7	8	–	–	9	9	4000
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1004·9	+2	N'E	3	o	40	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	1000·3	+4	E	3	bc	45	92	8	4	–	–	4-6	4-6	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	999·4	+2	SE'E	2	bc	43	97	8	8	–	–	4-6	4-6	2500
	Scilly (St. Mary's)	163	998·8	+4	SE	2	bc	47	92	8	8	6	–	2-3	2-3	1500
	Guernsey	175	1000·3	0	SSW	1	bc	46	97	9	8	–	–	4-6	4-6	2500
6	Pembroke	142	1000·9	+8	E	3	q	44	97	7	6	2	–	7-8	9+	2500
7	Holyhead	26	1003·8	0	ENE	5	c	44	92	7	5	2	–	4-6	9	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1005·1	0	NE'E	1	bc	39	97	8	–	7	–	0	4-6	–
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	106	1006·8	−2	N	2	o	40	97	6	5	–	–	10	10	800
11	Inchkeith	190	1007·9	+4	NNE	5	ir₀	39	92	8	5	–	–	10	10	2500
	Leuchars	38	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	1006·1	+6	E	4	o	42	97	7	5	–	–	10	10	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	80	1013·9	+8	NNE	4	c	37	75	8	5	7	–	7-8	9+	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1010·8	0	NNW	3	c	37	85	8	5	–	–	9+	9+	1500
16	Lerwick	156	1008·8	−8	NNW	4	bc	35	92	8	8	–	–	4-6	4-6	1500
17	Blacksod Point	18	1005·4	+20	NNE	6	c	46	85	7	9	–	–	10	10	800
18	Malin Head	84	1009·5	+12	NNE	3	r₀r₀	41	97	6	6	2	–	7-8	9	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1003·7	+14	NNE	5	bc	44	97	7	1	–	–	2-3	2-3	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1003·4	+14	NE'E	3	c/d	41	92	5	5	–	–	10	10	800	1	*
Croydon	1002·5	+10	NE'E	4	r₀r₀	40	97	6	6	2	–	9+	10	450	1	*
S. Farnborough	1002·7	+14	NE	2	id₀	40	97	4	5	–	–	10	10	450	2	*
Boscombe Down	1002·5	+8	NE'N	3	z₀	41	97	6	5	–	–	10	10	800	1	*
Calshot (Sthmtn.)	1001·9	+4	NNE	2	ir₀	44	92	6	5	–	–	10	10	800	1	§2
Lympne	1002·4	+2	NE	4	r₀r₀	42	92	6	6	2	–	9	10	450	1	2
Manston	1002·5	+2	NE	3	rr	42	92	6	6	2	–	10 (+09)	10	450	1	*
Shoeburyness	1003·2	0	NNE	3	ir	39	92	6	6	2	–	7-8	10	1500	1	*
Felixstowe	1003·9	−2	N'E	1	z₀	39	92	6	5	–	1	7-8	9	800	1	1
Gorleston	1004·1	+2	NW'N	2	c	38	97	6	5	–	–	10	10	2500	1	1
Mildenhall	1004·1	+16	N	2	z₀	38	97	5	5	–	–	9+	9+	1500	1	*
Cranwell	1005·2	+2	N'E	3	d₀d₀	39	97	5	5	–	–	10	10	800	1	*
Birmingham	1005·1	+4	ENE	3	o	38	86	7	5	–	–	10	10	600	1	*
Upper Heyford	1004·2	+12	NE	4	c	37	97	8	5	–	–	10	10	600	1	*
Ross-on-Wye	1003·9	+8	ENE	4	c	40	92	6	5	–	–	10	10	1500	1	*
Portland Bill	1000·8	+4	E	3	c	44	92	8	4	–	–	9	9	2500	1	3
Plymouth	1000·7	+8	NE'E	2	c/pr	44	97	8	8	–	4	4-6	7-8	1500	1	1
The Lizard	1000·8	+4	NE'E	4	c/dr	45	97	7	8	7	–	7-8	7-8	1500	1	2
Scilly (St. Mary's)	999·8	+12	E	3	c	45	92	8	8	–	–	7-8	7-8	1500	1	2
Guernsey	1001·2	+4	SSE	1	bc	42	97	7	–	1	8	0	2-3	–	1	2
Pembroke	1003·1	+8	ENE	3	ir	43	92	7	8	–	–	9+	9+	2500	1	2
Holyhead	1006·3	+16	NE'E	4	c	43	92	7	6	3	–	7-8	9	4000	1	2
Chester (Sealand)	1005·5	+6	N	1	z₀	40	85	5	9	–	–	9+	9+	4000	1	*
Manchester	1005·7	+6	NE'N	2	z₀	40	92	6	5	3	–	4-6	7-8	5700	1	*
Spurn Head	1004·2	−6	N	4	ir₀	40	97	6	5	–	–	10	10	800	1	3
Catterick	1006·2	+2	N'W	2	z₀	40	92	6	5	–	–	10	10	1500	1	*
Tynemouth	1006·1	+2	N	4	ir₀	40	92	6	6	–	–	10	10	800	1	2
Inchkeith	1009·5	0	N	5	c	37	85	8	5	–	–	10	10	2500	1	3
Leuchars	1009·1	+4	–	0	c	36	89	9	5	–	–	9+	9+	2500	1	*
Renfrew (Abbots I.)	1009·6	+2	W'N	1	c	35	97	8	7	–	–	9	9	2500	1	*
Eskdalemuir	1008·2	+2	NNE	4	rs	35	85	6	5	3	–	9+	10	800	4	*
Point of Ayre	1007·6	+12	E'N	5	c	40	85	7	5	7	–	1	9	800	1	3
Tiree	1011·6	+6	N'E	5	bc	39	75	8	7	4	5	2-3	4-6	1500	0	3
Stornoway	1013·1	−2	N	2	c/ps	33	92	8	8	7	2	7-8	9	4000	4	1
Dalwhinnie	*	0	N	2	c	32	85	7	3	6	–	4-6	10	2500	9	*
Aberdeen	1008·8	0	NW'W	3	bc	35	85	8	8	3	9	2-3	4-6	2500	1	1
Wick	1009·3	−6	NNW	4	c	36	85	8	8	7	–	4-6	7-8	1500	1	2
Lerwick	1006·9	−8	NNW	4	c/ps	33	75	8	8	7	–	7-8	9	1500	1	*
Blacksod Point	1011·6	+22	NNE	7	bc	42	92	8	9	–	–	4-6	4-6	1500	0	5
Malin Head	1011·2	+10	N	6	c/pr	41	85	7	8	–	–	9	9	1500	1	3
Aldergrove	1009·2	+18	NE'N	3	ir₀	39	92	8	5	2	–	4-6	10	1500	1	*
Birr Castle	1007·3	+10	E'N	1	c	41	92	8	5	2	–	4-6	10	2500	1	*
Valentia Obsy. †	1007·6	+18	NE'N	5	c	44	75	6	6	–	–	7-8	7-8	1500	1	2
Roches Point	1005·1	+18	ENE	4	pr	44	85	6	8	1	–	7-8	9+	1500	1	3

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)	56	40	37	Tr	0·4	7·8
Croydon	56	40	39	–	1	7·9
S. Farnborough	55	40	39	0·1	2	4·3
Boscombe Down	52	41	40	4	2	1·6
Calshot (Sthmtn.)	50	43	42	2	0·3	4·3
Lympne	53	38	32	–	5	4·6
Manston	55	40	30	–	5	4·2
Shoeburyness	55	35	28	–	0·4	4·9
Felixstowe	50	37	29	–	–	9·1
Gorleston	48	(37)	36	–	–	5·7
Mildenhall	57	37	30	1	Tr	4·4
Cranwell	53	37	35	–	–	4·6
Birmingham	52	38	38	–	–	4·7
Upper Heyford	55	37	37	–	–	*
Ross-on-Wye	50	40	39	1	12	2·3
Portland Bill	49	43	*	2	–	*
Plymouth	52	44	41	6	0·4	2·8
The Lizard	53	45	*	–	0·6	*
Scilly (St. Mary's)	54	44	*	1	0·1	6·8 (7·4)
Guernsey	51	40	32	0·2	1	2·3
Pembroke	49	42	*	9	6	0·1
Holyhead	56	41	39	–	Tr	8·3
Chester (Sealand)	52	35	31	Tr	–	3·8
Manchester	56	40	36	Tr	–	5·3
Spurn Head	44	38	*	0·4	0·2	1·1
Catterick	49	38	38	1	0·1	1·4
Tynemouth	47	39	38	Tr	0·1	0·0
Inchkeith	43	35	35	–	1	0·0
Leuchars	45	36	32	–	1	0·0
Renfrew (Abbots I.)	44	35	34	–	[illegible]	0·0
Eskdalemuir	44	35	34	–	0·3	0·0
Point of Ayre	50	40	*	–	0·5	6·0
Tiree	47	38	37	–	–	9·2
Stornoway	46	32	*	Tr	0·4	7·8
Dalwhinnie	37	31	30	0·1	0·2	0·0
Aberdeen	42	34	30	Tr	0·1	0·0
Wick	41	34	*	0·2	0·2	*
Lerwick	42	32	*	Tr	0·4	7·7
Blacksod Point	48	36	*	–	–	*
Malin Head	46	39	*	*	3	0·4
Aldergrove	48	38	37	0·1	0·1	2·0
Birr Castle	51	40	35	0·5	–	1·0
Valentia Obsy. †	57 (51)	43	41	6	0·6	6
Roches Point	49	42	*	6	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.	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	bfbbec	cycm₀	[illegible]	55	40	37	Tr	0·4	7·8	•	•	5
Croydon	217	bmb	[illegible]	[illegible]	56	40	39	–	1	7·9	•	•	6
Greenwich (Royal Observatory)	149	bbc	bccy	cdd₀rc	61	39	33	–	2	8·0	50	85	6
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	5·3	•	•	•
Westminster (St. James' Park)	27	•	•	•	57	41	38	2		7·9	[illegible]	88	•
Regents Pk. (Botanic Gardens)‡	168	•	•	•				–					•
Camden Square	110	cfc	cbc	•	59	39	35	–	1	•	•	89	•
Kensington	80	bbc	bc	•	55	39	36	–	1	6·7	At 18h. 61	90	•
Hampstead Observatory	450												

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

	Max.	Time.	Min.	Time.
South Kensington.	1·0	7·9h 20th	<0·3	3-4h 21st
Kew Observatory.	1·0	8h 20th	<0·1	13-17h 20th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 20th March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 21st March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1002·8	–	0	c	54	1002·6	–	0	z₀	43	61	39	Tr	–
Brussels	1002·9	NNE	2	bc	50	1002·4	NE	3	df	34	57	34	–	Tr
Berlin	998·6	NNE	2	r₀r₀	41	998·6	NW	4	d₀d₀	36	45		1	
Zürich	1004·6	NW	1	55	34	1004·3	W	1	id₀	36	43	34	19	5
Rome	1001·1	W	3	u	55						•	•	Tr	

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 ,,
2 Fog	550 ,,
3 Moderate fog	1,100 ,,
4 Mist or haze	1¼ miles.
5 Poor visibility	2½ ,,
6 Moderate ,,	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

Monday, 22nd March, 1937.
No. 27514.

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud Form Low (9)	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 Hrs. (36)
1	London (Kew)	1004·3	−4	N	3	z₀	43	85	5	5	-	-	10	10	1500	7·8
	Croydon ...	1003·7	+2	NE'E	2	m	42	85	4	5	2	-	9+	10	800	7·0
	S. Farnborough	1004·2	+2	NNE	2	z₀	43	85	6	5	2	-	7-8	10	1500	4·3
	Boscombe Down	1004·6	+6	NE'E	3	c	43	85	7	5	1	-	9	10	800	1·6
	Calshot (Sthmtn.)	1003·9	+10	NNE	3	z₀	45	85	6	5	-	-	10	10	800	4·3
	Lympne ...	1003·7	0	NNE	3	c	42	85	7	5	2	-	9	10	1500	4·6
	Manston ...	1003·3	−2	NE	3	r₀r₀	43	92	7	6	2	-	9+	10	800	4·2
2	Shoeburyness ...	1003·7	−4	NNW	2	c	46	75	7	8	3	-	4-6	9+	2500	4·0
	Felixstowe ...	1003·4	−2	WNW	1	z₀	45	85	6	5	-	-	10	10	1500	9·1
	Gorleston ...	1003·9	+2	N'E	2	c	44	85	6	8	-	-	9+	9+	2500	5·7
	Mildenhall ...	1004·2	−2	N'W	3	c/r	43	85	7	6	7	-	7-8	10	800	4·4
	Cranwell ...	1005·1	−2	N	4	c/r	45	75	7	8	-	-	9+	9+	1500	4·6
3	Birmingham ...	1005·7	+2	NE	2	m	43	75	4	5	-	-	10	10	800	4·7
	Upper Heyford	1005·3	+2	NE'N	4	c	43	85	7	5	7	-	7-8	10	1500	*
4	Ross-on-Wye	1005·4	+4	NE	3	z₀	42	75	6	5	-	-	10	10	1500	2·5
5	Portland Bill ...	1003·0	+8	NE	4	c	45	92	7	4	-	-	10	10	2500	*
	Plymouth ...	1003·3	+14	ENE	4	z₀	47	85	6	5	-	-	9+	9+	2500	2·8
	The Lizard ...	1002·2	+4	NE'E	4	bc	43	85	8	8	7	-	4-6	4-6	2500	*
	Scilly (St. Mary's)	1003·0	+14	NE	4	pr₀	50	85	8	8	4	-	7-8	9+	1500	~~6·8~~ 7·4
	Guernsey ...	1002·3	+8	—	0	0	45	97	6	5	-	-	10	10	2500	2·5
6	Pembroke ...	1005·1	+10	E	3	c	46	85	7	8	6	-	7-8	9+	2500	0·1
7	Holyhead ...	1007·4	+6	NNE	4	c	44	92	8	5	2	-	9	10	1500	8·3
	Chester (Sealand)	1006·4	−4	N'W	1	pr₀	44	85	6	3	3	-	9	10	4000	3·8
8	Manchester ...	1006·2	−2	NNE	4	c	44	~~92~~ 95	7	8	-	-	9+	9+	4000	5·3
10	Spurn Head ...	1004·6	0	N	4	rr	41	97	6	5	-	-	10	10	800	1·1
	Catterick ...	1007·4	+2	N	4	dr	38	92	6	6	7	-	7-8	10	800	1·4
	Tynemouth ...	1007·9	+4	N	5	o/r	39	75	7	6	-	-	10	10	800	0·0
11	Inchkeith ...	1007·8	−2	NNE	2	c	40	75	8	5	-	-	9+	9+	2500	0·0
	Leuchars ...	1009·3	−2	N	3	c	41	65	9	8	-	-	10	10	2500	0·0
12	Renfrew (Abbotsl.)	1009·9	−4	N'W	3	c	42	65	9	8	6	8	4-6	9	4000	0·0
	Eskdalemuir ...	1008·5	0	NNE	4	c	39	65	8	5	1	-	4-6	10	2500	0·0
	Point of Ayre...	1009·3	+10	ENE	4	o	42	85	8	5	-	-	10	10	1500	6·0
13A	Tiree	1011·9	−4	NNW	3	c	44	65	9	2	-	6	2-3	9	2500	5·2
13B	Stornoway ...	1011·9	−6	N	5	c/q	37	75	8	8	7	3	4-6	9	2500	7·8
15	Dalwhinnie ...	1010·4	−4	N	3	bc	35	65	8	4	6	-	2-3	4-6	4000	0·0
	Aberdeen ...	1008·0	−4	NW	4	bc	39	55	8	2	9	9	2-3	4-6	1500	0·0
	Wick ...	1008·4	−6	NW	5	psh	35	85	8	9	7	-	4-6	7-8	2500	*
16	Lerwick ...	1005·5	−8	N	4	c	32	92	8	9	7	-	7-8	7-8	800	7·7
17	Blacksod Point	1013·8	+10	NNE	6	bc	43	75	8	2	-	3	4-6	4-6	1500	*
18	Malin Head ...	1012·7	0	N	4	b	42	75	8	2	4	-	1	1	4000	0·4
	Aldergrove ...	1011·0	+4	N	4	c/pr	41	75	9	8	7	-	9+	9+	2500	2·0
19	Birr Castle ...	1010·4	+10	E'N	2	c	42	75	8	6	2	-	7-8	10	2500	1·0
20	Valentia Obsy. †	1010·9	+14	NE'N	5	c	43	75	8	6	-	-	7-8	9	1500	1·6
	Roches Point	1007·9	+16	NE	4	c/pr	47	75	8	8	1	-	7-8	9	1500	↓

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud Form Low (23)	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)	1003·5	−2	N	3	z₀	44	75	5	5	-	-	9	9	2500	1	*
	Croydon ...	1002·8	−2	N	3	m	44	85	4	8	6	-	4-6	9	1500	1	*
	S. Farnborough	1003·5	0	N	1	z₀	44	75	6	5	3	-	4-6	9+	1500	1	*
	Boscombe Down	1003·8	−2	N	2	bc	43	85	7	5	-	-	4-6	4-6	4000	1	*
	Calshot (Sthmtn.)	1003·5	0	N	2	c	45	85	6	8	3	-	1	7-8	2500	1	§ 2
	Lympne ...	1003·0	+2	NNE	2	bc	43	75	7	8	6	3	4-6	4-6	2500	1	*
	Manston ...	1002·6	0	NNW	1	z₀	43	92	6	5	-	-	9+	9+	1500	1	*
2	Shoeburyness ...	1003·3	−4	NNE	2	rr	43	92	6	~~8~~ 2	~~9~~	-	9+	9+	1500	1	*
	Felixstowe ...	1003·3	0	N	1	c/r	42	92	6	8	6	-	7-8	9+	1500	1	1
	Gorleston ...	1003·9	0	NNW	3	c	43	85	6	5	-	-	10	10	1500	1	2
	Mildenhall ...	1003·8	−2	N'W	3	d₀d₀	41	97	5	6	-	-	10	10	800	1	*
	Cranwell ...	1005·7	+4	N'E	4	r₀	40	85	7	5	7	-	9+	10	1500	1	*
3	Birmingham ...	1005·8	0	NE	3	0	41	85	5	5	-	-	10	10	800	1	*
	Upper Heyford	1004·8	0	NE'N	3	r₀	41	92	6	5	7	-	7-8	10	800	1	*
4	Ross-on-Wye	1004·9	−6	NNW	3	pr₀	42	85	5	5	-	-	10	10	800	1	*
5	Portland Bill ...	1003·3	+4	NE	3	c	44	85	7	4	-	-	7-8	7-8	2500	1	3
	Plymouth ...	1004·0	+8	NE	3	pr₀	45	75	8	5	7	-	7-8	9+	1500	1	0
	The Lizard ...	1004·2	+12	NE'E	4	c	46	85	7	8	2	-	7-8	9+	1500	1	2
	Scilly (St. Mary's)	1004·2	+8	NE	5	c	45	85	7	8	2	-	7-8	10	1500	1	3
	Guernsey ...	1002·5	+2	NE'E	2	c	45	92	7	8	1	-	7-8	10	2500	1	2
6	Pembroke ...	1006·5	+4	NNE	5	fs	43	92	7	8	6	-	7-8	9	2500	1	2
7	Holyhead ...	1007·7	0	NNE	4	c	41	85	8	1	4	8	2-3	7-8	2500	1	2
	Chester (Sealand)	1006·7	+4	N'W	3	rr	39	85	4	-	2	-	10	10	2500	1	*
8	Manchester ...	1006·8	+4	NNE	4	r₀	40	85	6	5	2	-	9	10	1500	1	*
10	Spurn Head ...	1004·4	0	N'E	4	c	40	85	7	6	2	-	4-6	10	1500	1	4
	Catterick ...	1007·5	0	NNE	3	c/r	37	85	6	5	1	-	7-8	10	800	1	*
	Tynemouth ...	1006·6	−2	N	5	c	39	65	8	6	2	-	7-8	9+	800	1	3
11	Inchkeith ...	1008·2	+8	N	3	ps	38	65	7	8	-	-	7-8	7-8	2500	1	2
	Leuchars ...	1009·4	+10	N	1	c/ps	36	65	9	8	-	-	10	10	2500	1	*
12	Renfrew (Abbotsl.)	1008·2	−6	NE'E	1	ps	41	55	9	5	6	-	7-8	7-8	4000	1	*
	Eskdalemuir ...	1007·7	−4	N'W	2	bc	36	75	8	2	-	5	2-3	4-6	2500	4	
	Point of Ayre...	1008·4	−6	NW	1	c	39	97	8	8	6	-	2-3	7-8	800	1	1
13A	Tiree	1011·6	0	N	6	bc	37	65	9	8	3	-	2-3	2-3	2500	1	3
13B	Stornoway ...	1011·6	0	N	4	bc	33	85	9	5	7	-	4-6	4-6	4000	1	2
15	Dalwhinnie ...	1010·6	+2	N	3	bc	28	85	8	3	6	-	4-6	4-6	4000	9	*
	Aberdeen ...	1007·9	−2	NW'N	4	psh	33	65	7	9	-	-	4-6	4-6	1500	1	2
	Wick ...	1007·3	−2	NNW	5	psh	32	97	8	8	7	-	4-6	7-8	1500	1	2
16	Lerwick ...	1002·5	−28	W	4	ps	31	92	5	6		-	10	10	220	7	*
17	Blacksod Point	1013·3	0	NW	4	c	43	75	7	9	-	-	7-8	7-8	800	1	3
18	Malin Head ...	1011·6	−4	N	5	pr₀	37	97	7	9	-	-	9+	9+	1500	1	2
	Aldergrove ...	1009·9	0	N'W	4	bc	40	65	9	4	3	-	1	2-3	2500	1	*
19	Birr Castle ...	1010·4	+12	E'N	2	bc	44	55	8	2	-	8	2-3	4-6	2500	1	*
20	Valentia Obsy. †	1011·9	+10	NE'N	5	c	44	55	9	1	4	9	1	7-8	2500	1	2
	Roches Point	1009·9	+4	NE	4	c	43	75	8	8	1	7	7-8	9	1500	1	3

PAST 24 HOURS. — WEATHER.

District	Stations	7h.—13h. 21st (37)	13h.—18h. 21st (38)	18h. 21st to 1h. 22nd (39)	1h.—7h. 22nd (40)
1	London (Kew)	ir₀cm₀	cm₀	cm₀	cir₀s₀
	Croydon ...	r₀r₀cm₀m	cmfgjp	m₀r₀id₀	cr₀r₀ir₀
	S. Farnborough	omd₀r₀c	cbccm₀	cm₀id₀	id₀r₀s₀o
	Boscombe Down	cr₀r₀c	cbc	bcb,cd₀	crs,rs₀m₀
	Calshot (Sthmtn.)	cir₀m₀	cm₀c	cbc	bccir₀
	Lympne ...	or₀r₀rm₀cm	cbc	bcpr₀c	cor₀r₀m₀
	Manston ...	r₀r₀m₀	orbc	cbccm₀	m₀or₀r₀q
2	Shoeburyness ...	irir₀c	p₀cm₀rr	crs rs	rsrsir₀
	Felixstowe ...	cm₀	cprfgm₀	cir₀c	cr₀r₀c₀s₀ir₀
	Gorleston ...	cmc	cbccz	or₀r₀	or₀r₀q
	Mildenhall ...	cm₀cd₀r₀	ir₀idd₀dm	cr₀r₀m₀	cr₀m₀
	Cranwell ...	cir₀	cir₀	cpr₀c	cbcm₀
3	Birmingham ...	p	mo	or₀s₀ s₀	os₀c
	Upper Heyford	cm₀	cm₀r₀	cr₀m₀r₀r₀	cr₀r₀s₀s₀
4	Ross-on-Wye	cc₀c	cz₀p₀	oir₀	r₀r₀bc
5	Portland Bill ...	cd	c	bcc	or₀
	Plymouth ...	bcc	cz₀cpr₀	cpr₀bcc	c bcb
	The Lizard ...	cprbc	c	c	bcc
	Scilly (St. Mary's)	bccp₀	crrc	cp₀c	cbcc
	Guernsey ...	bcco	od₀bc	c	cpr₀
6	Pembroke ...	cir₀c	cphr₀q	cqbcc	cprs₀q
7	Holyhead ...	ir₀c	c	PHbcps₀c	cprbc
	Chester (Sealand)	cpr₀z₀	cpr₀rrc	cr₀r₀m₀	cssss₀m₀
8	Manchester ...	cz₀c	cir₀m₀	cr₀r₀ir₀	clsss₀m₀
10	Spurn Head ...	ir₀r	rrqc	c	qbc
	Catterick ...	cm₀r₀d₀	om₀r₀d₀r₀	cm₀bc	bcwbx
	Tynemouth ...	oirq	oir₀c	cbc	bc
11	Inchkeith ...	c	c	cbc	bcc
	Leuchars ...	cp s₀c	cbcyps	c	c
12	Renfrew (Abbotsl.)	c	bcry	ps₀xcb	bbcx
	Eskdalemuir ...	r₀ss₀c	cps,bc	cps₀bx	bxcis₀
	Point of Ayre...	co	ophrc	co	bc
13A	Tiree	bcb,b	ciRs	bc	cpsh
13B	Stornoway ...	cps	cpshpsq	bcpshq	bccpsq
15	Dalwhinnie ...	c	bccis	*	cis
	Aberdeen ...	cvpsh	bcypsh	bcb	cpsh₀
	Wick ...	psh₀c	cpshq	cpshq	cps
16	Lerwick ...	cis	cpsm₀	ssc ps	bccps
17	Blacksod Point	bc	prc	pr₀c	prhcq
18	Malin Head ...	cbc	bqcpr₀	cc	bccphr₀
	Aldergrove ...	cr₀prh₀	cpr₀bc	bxcr₀c	bcbx
19	Birr Castle ...	c	cbcy	bc	bcx
20	Valentia Obsy. †	c	cy	bcyprbc	bcc
	Roches Point	cpr₀c	cpr₀cv	bcbx	bxbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

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.

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.*

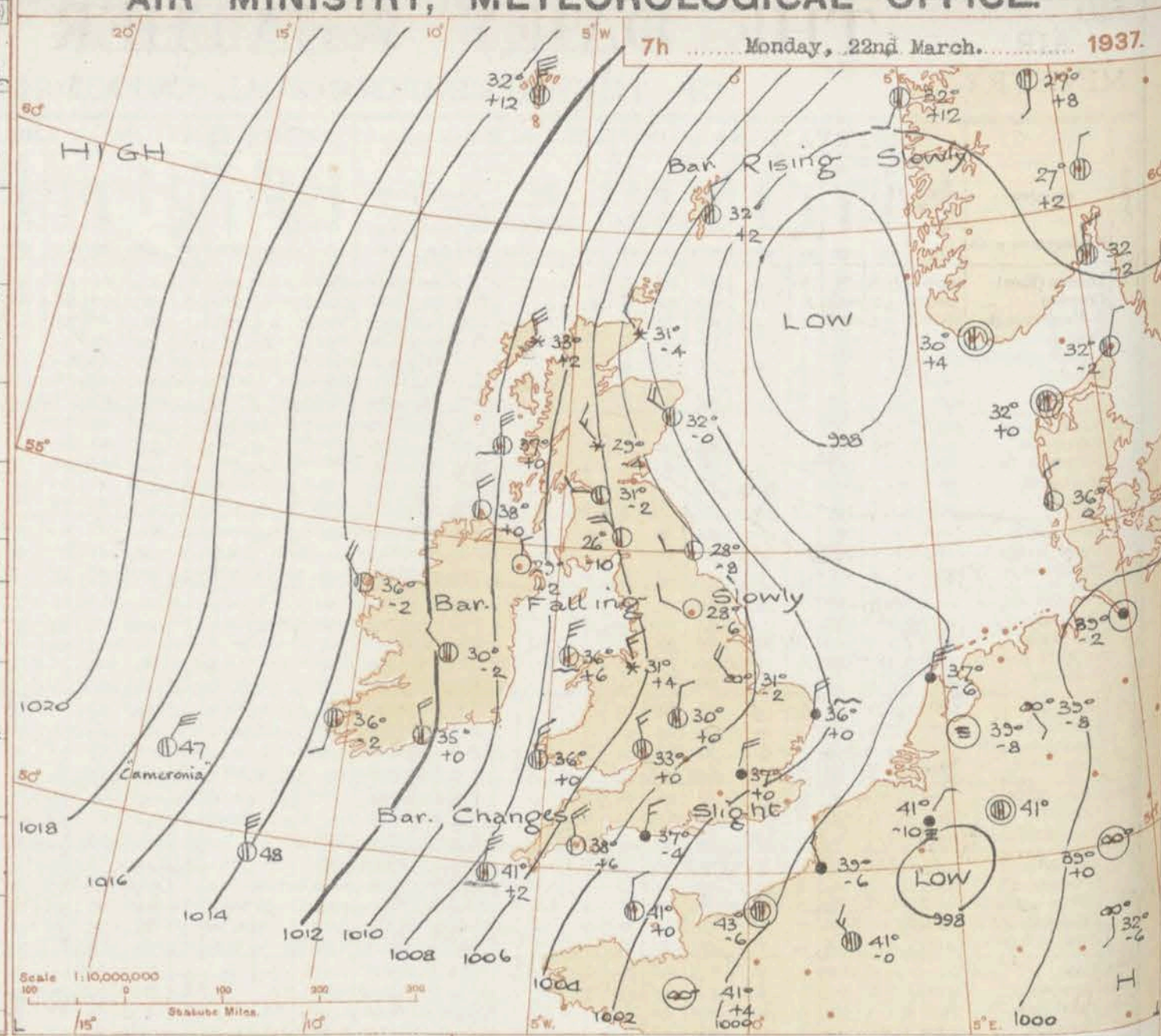
† Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 21st March 1937.

Districts	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	ore	oc	39	45	5	1	0·0	5·9
	Bournemouth	o	oc	42	46	3	-	0·1	1·2
	Ventnor ...	or	rom	42	44	3	2	0·0	3·8
	Southsea ...	or	oroc	48	47	5	0·6	0·0	4·7
	Bognor Regis	oir	irccc	43	45	3	Trace	0·0	6·9
	Littlehampton	ccrc	cbc	43	46	8	2	0·0	6·7
	Worthing ...	or	oc	42	46	5	1	0·1	6·5
	Brighton ...	cpc	co	42	46	7	0·3	0·0	6·6
	Eastbourne† ...	o	orroc	42	47	8	Trace	0·0	7·2
	Hastings† ...	oc	c	42	51	6	-	0·4	6·2
	Folkestone ...	ormr	oc	42	46	10	2	0·2	5·5
	Dover ...	rro	roc	42	46	10	3	0·0	7·6
	Deal	rr	roc	43	45	12	4	0·0	6·6
	Ramsgate ...	rc	c	41	46	10	0·3	0·1	5·0
	Margate ...	cr	c	41	44	5	0·3	0·4	3·0
2	Southend ...	abc	cr	39	47	0·3	Trace	0·1	6·7
	Maldon ...	o	cpc	40	47	-	0·1	0·7	5·1
	Clacton-on-Sea	c	cpem	38	48	-	Trace	0·6	7·6
	Dovercourt ...	oc	bcc	38	46	-	-	0·0	8·7
	Lowestoft ...	cbcc	cbcc	41	49	-	-	1·5	5·0
	Skegness ...	oidr	orr	37	42	1	0·5	0·0	5·6
	Mablethorpe...	odm	or	38	41	Trace	3	0·0	1·2
	Cleethorpes ...	orc	co	38	41	Trace	2	0·0	0·0
3	Leamington S.	oc	co	39	48	-	-	0·6	3·2
4	Cheltenham†	c	cbcc	39	49	0·3	-	0·9	4·3
5	Bath	c	c	41	45	6	-	0·0	1·8
	Weymouth ...	od	ccb	42	47	0·1	0·2	0·3	0·6
	Jersey ...	pcf	zcbc	39	49	1	-	1·6	0·6
	Torquay ...	coz	oz	44	47	5	-	0·0	0·8
	Penzance ...	ccbc	chrrc	45	54	0·2	5	1·2	6·8
	St. Ives ...	q	c	44	49	9	9	0·0	7·0
	Bude... ...	pc	c	43	51	1	-	0·2	1·3
	Ilfracombe ...	poco	ocbc	42	45	1	-	0·3	0·4
6	Aberystwyth	c	bcprc	42	50	0·5	1	1·7	7·6
7	Llandudno ...	cbc	cor	41	45	-	0·5	1·5	9·7
	Colwyn Bay...	co	op	40	43	-	1	0·4	10·3
	Rhyl	cbc	cor	41	45	0·3	0·5	0·9	8·0
8	Wallasey ...	bcc	cr	40	46	-	0·3	0·1	7·2
	Southport ...	o	orr	38	56	-	1	0·6	7·2
	Blackpool ...	co	opc	40	46	-	0·3	0·7	5·2
	Morecambe ...	bbcc	cidc	40	46	-	0·3	4·1	5·2
9	Ilkley... ...	opo	co	38	41	-	Trace	0·4	1·9
	Harrogate ...	cbir	coir	35	40	-	0·4	0·0	1·7
10	Berwick-on-T.	c	orsc	38	40	3	Trace	1·5	0·0
11	Dunbar ...	bcr	bc	38	40	1	-	1·9	0·0
12	Troon... ...	cbcc	cbcbc	38	45	-	-	1·4	0·0
	Douglas ...	cpr	ciprh	38	43	0·5	Trace	3·0	8·2

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



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 22nd March, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England 6 South Wales ...	Northerly winds, moderate; bright periods, wintry showers; valley fog locally at night; cold with night frost, severe locally.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Northerly winds, fresh at times; cloudy with occasional snow or sleet; cold with night frost, severe locally.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotland. B. N.W. Scotland. ▲	Northerly winds, strong locally; bright periods, snow, sleet or hail showers; cold with night frost, severe locally.
14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland ▲	As 7 - 11.
17 N. W. Ireland 18 N. E. Ireland ▲ 19 S. E. Ireland 20 S. W. Ireland	As 12 - 13B.

GENERAL INFERENCE.

An anticyclone is centred to the southwest of Iceland and a complex low pressure area covers the North Sea and Central and Southwest Europe. Weather will be cold with frost at night and local wintry showers.

FURTHER OUTLOOK.

Continuing cold with wintry showers.

Times of issue of Gale Warnings.

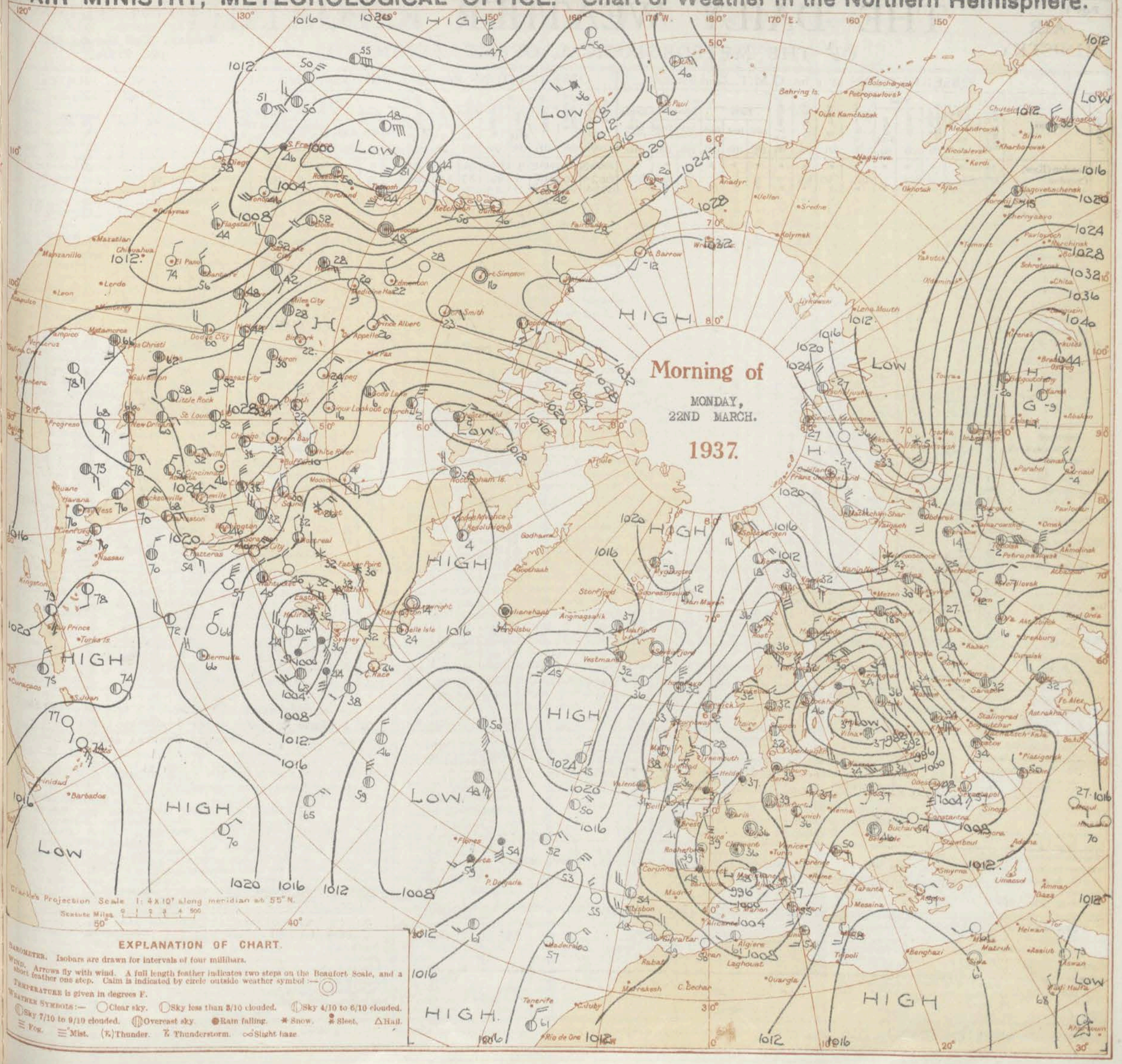
▲ North Cone hoisted at 1845 on 21st in districts 13B, Shetland and 18(part of).

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, 22nd March, 1937.
No. 27514.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	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	1003·2	-2	N'E	3	ld∘	40	85	7	5	-	-	10	10	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1002·6	-8	NNW	3	c	39	92	7	5	3	-	4-6	9+	800
	Manston	142	1002·1	-6	N	4	e	41	92	6	5	-	-	9+	9+	800
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1003·5	0	N	5	r∘r∘	38	92	6	6	-	-	10	10	1500
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1003·3	-4	NNE	3	c	41	92	7	5	-	-	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1005·1	-2	N'W	4	c	42	85	8	8	7	-	9	10	2500
	Scilly (St. Mary's)	163	1006·6	+6	NE'N	6	c	43	75	8	8	-	-	7-8	7-8	1500
	Guernsey	175	1002·9	-2	NNE	3	c	44	85	7	8	1	-	7·8	10	2500
6	Pembroke	142	1007·4	+4	NNE	4	q	39	75	7	8	6	-	7·8	9+	2500
7	Holyhead	26	1007·5	-6	NW	4	c/ps	37	85	8	8	2	-	7·8	9+	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1004·8	0	N'E	5	c	38	75	7	5	2	-	4-6	9+	2500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	108	1006·9	0	NNW	3	bc	32	75	7	2	-	-	4-6	4-6	1500
11	Inchkeith	190	1008·6	+4	NW	3	bc	30	85	8	5	-	-	2·3	2·3	2500
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	1008·3	-4	NE	4	o	36	97	8	8	-	-	10	10	800
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	80	1009·3	-10	NNW	5	bc/ps	34	85	8	8	-	-	4-6	4-6	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1001·2	-36	NW	6	phs	33	97	8	8	1	-	4-6	7-8	1500
16	Lerwick	156	1001·2	+20	ENE	5	c/ps	31	92	7	9	2	-	7-8	9	800
17	Blacksod Point	18	1013·8	0	NW	5	c	41	65	7	5	-	-	10	10	800
18	Malin Head	84	1011·2	-6	N	4	c	37	75	7	2	-	-	7·8	7-8	2500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1013·5	+10	NE	5	c	41	97	8	8	-	-	7·8	7-8	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1003·3	+4	NNE	3	ps∘	36	85	6	6	-	-	10	10	800	1	*
Croydon	1002·4	0	NNE	4	ir∘	37	85	6	6	2	-	9	10	1500	1	*
S. Farnborough	1003·4	+4	N	1	s∘s∘	35	92	5	6	2	-	9+	10	450	1	*
Boscombe Down	1003·8	0	N'E	4	c/ps	33	97	6	6	7	-	4-6	9+	800	1	*
Calshot (Sthmtn.)	1003·0	-2	N'W	3	ir∘	39	85	7	5	2	-	7-8	10	1500	1	2
Lympne	1001·7	~~+14~~ +2	N	4	r∘r∘	36	92	6	6	2	-	9	10	450	1	§1
Manston	1001·0	+4	N'W	5	r∘r∘	38	92	8	6	2	-	9	10	800	1	*
Shoeburyness	1002·6	0	N'E	4	ir∘	36	85	8	9	-	-	9+	9+	1500	1	*
Felixstowe	1002·3	0	N	4	ir∘	35	92	7	6	2	-	9	10	800	1	3
Gorleston	1003·0	0	N'E	4	ir∘	36	92	7	6	-	-	10	10	1500	1	4
Mildenhall	1003·5	-4	N'W	3	ps∘	35	92	6	6	3	4	7·8	10	800	1	*
Cranwell	1005·2	-2	NW'N	4	z∘	31	97	6	5	3	4	2·3	4-6	2500	1	*
Birmingham	1005·8	0	NNE	2	c	30	85	6	5	3	-	7·8	9	2500	1	*
Upper Heyford	1004·8	0	N	3	s∘s∘	33	97	5	5	2	-	7·8	10	800	1	*
Ross-on-Wye	1005·4	0	N'W	3	c	33	92	6	5	-	-	7·8	7·8	2500	1	*
Portland Bill	1002·9	-4	NNE	3	r∘r∘	37	92	7	5	-	-	10	10	1500	1	2
Plymouth	1004·9	+6	N'W	4	b	38	85	8	8	4	-	1	1	2500	1	1
The Lizard	1006·3	+6	NW'N	3	phr	38	85	8	8	-	-	9	9	1500	1	2
Scilly (St. Mary's)	1006·8	+2	N'E	5	c	41	65	8	8	4	-	4-6	7-8	1500	1	3
Guernsey	1002·6	0	NNE	2	c	41	85	7	8	-	-	10	10	2500	1	2
Pembroke	1006·9	0	N'E	3	q	36	85	8	5	-	-	7·8	7-8	2500	1	2
Holyhead	1007·3	+6	N'E	5	bc	36	75	8	1	-	-	4-6	4-6	2500	1	3
Chester (Sealand)	1006·7	+4	NW	3	s∘s∘	31	92	6	-	2	-	10	10	800	7	*
Manchester	1006·3	0	SW	1	s∘s∘	30	92	5	6	3	-	4-6	9	1500	4	*
Spurn Head	1004·2	-4	NW'N	5	bc	33	97	7	-	7	4	0	4-6	-	0	4
Catterick	1005·6	-6	WNW	2	b	28	65	8	-	4	-	0	1	-	3	*
Tynemouth	1005·0	-8	W	2	bc	28	85	6	2	-	-	2·3	2-3	1500	3	2
Inchkeith	1005·6	-8	SW	4	c	30	97	8	5	8	-	4-6	7·8	2500	3	3
Leuchars	1004·3	-4	WNW	3	c	32	75	9	7	3	2	Tr	9	2500	3	*
Renfrew (Abbots I.)	1006·8	~~-2~~ 6	W	2	bc	31	85	9	7	4	3	2·3	2-3	4000	3	*
Eskdalemuir	1005·9	-10	NW	4	bc/s	26	75	9	5	-	-	4-6	4-6	2500	8	*
Point of Ayre	1007·7	-6	N	4	b	35	85	8	2	-	-	1	1	2500	4	2
Tiree	1009·4	0	N	6	c	37	75	8	8	-	-	7·8	7·8	1500	4	4
Stornoway	1008·7	+2	NNW	6	ps∘	33	97	6	8	-	-	7·8	7-8	2500	4	3
Dalwhinnie	1007·0	-4	NW	3	is	29	85	7	8	-	-	10	10	2500	9	*
Aberdeen	1001·3	0	NW'W	4	e/ps	32	75	8	3	-	3	2-3	7-8	2500	4	3
Wick	1002·1	-4	NW	2	ps∘	31	97	8	5	7	-	7·8	9+	800	7	1
Lerwick	1001·4	+2	N	2	c/ps	32	85	8	6	7	-	7·8	9+	800	7	*
Blacksod Point	1013·7	-2	NW	4	bc	36	92	8	9	-	-	4-6	4-6	800	1	3
Malin Head	1010·7	0	N'W	4	bc/phr	38	85	8	9	-	-	4-6	4-6	2500	0	3
Aldergrove	1009·9	-2	N	1	b	29	92	8	5	3	-	1	1	2500	1	*
Birr Castle	1011·4	-2	NW	1	bc	30	92	8	5	-	-	2·3	2·3	4000	3	*
Valentia Obsy. †	1013·1	-2	SSW	2	c	36	75	8	5	-	-	9+	9+	2500	1	2
Roches Point	1012·6	0	N'W	4	bc	35	85	8	5	-	-	2·3	2·3	2500	1	3

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 21st Hrs. (36)
London (Kew)	46	36	35	Tr	Tr	0·0
Croydon	46	37	35	0·5	0·6	0·0
S. Farnborough	46	35	34	0·1	1	0·1
Boscombe Down	44	33	32	0·2	0·2	0·6
Calshot (Sthmtn.)	46	38	37	0·5	Tr	0·1
Lympne	45	36	35	2	1	1·0
Manston	44	37	34	5	0·4	0·3
Shoeburyness	48	36	36	0·4	1	0·0
Felixstowe	46	35	34	0·2	0·5	0·1
Gorleston	45	34	34	-	3	2·3
Mildenhall	44	35	34	0·3	1	0·0
Cranwell	45	31	29	Tr	0·1	0·1
Birmingham	46	(30)	29	-	0·5	0·4
Upper Heyford	44	33	32	-	2	*
Ross-on-Wye	46	33	30	0·1	3	0·7
Portland Bill	46	36	*	0·1	3	*
Plymouth	48	38	36	Tr	Tr	0·5
The Lizard	51	36	*	0·3	Tr	*
Scilly (St. Mary's)	50	40	*	4	0·1	2·8
Guernsey	51	40	38	Tr	0·1	4·7
Pembroke	48	33	*	1	1	0·1
Holyhead	45	33	33	-	1	0·6
Chester (Sealand)	47	31	26	1	3	0·4
Manchester	45	30	23	Tr	1	0·2
Spurn Head	41	32	*	3	-	0·0
Catterick	40	27	21	1	-	0·0
Tynemouth	41	27	24	1	0·3	0·0
Inchkeith	41	28	25	Tr	Tr	1·1
Leuchars	42	28	28	Tr	-	0·9
Renfrew (Abbots I.)	44	26	20	Tr	Tr	1·8
Eskdalemuir	40	15	8	0·4	1	0·8
Point of Ayre	43	33	*	Tr	-	0·7
Tiree	44	32	31	1	0·2	5·5
Stornoway	39	30	*	2	1	4·2
Dalwhinnie	36	20	18	0·2	·1	2·4
Aberdeen	40	29	26	1	0·2	2·8
Wick	39	30	*	1	1	*
Lerwick	35	27	*	0·5	2	3·8
Blacksod Point	46	30	*	Tr	2	*
Malin Head	43	35	*	1	Tr	5·8
Aldergrove	44	28	20	0·2	0·3	4·9
Birr Castle	44	28	20	-	-	1·8
Valentia Obsy. †	47	35	31	-	1	0·8
Roches Point	47	34	*	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.	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	ir∘cm∘	cm∘	cir∘s∘	46	36	35	Tr	Tr	0·0	*	*	5
Croydon	217	r∘r∘cm∘m	cmfgjp	id∘cr∘r∘ir∘	46	37	35	0·5	0·6	0·0	*	*	4
Greenwich (Royal Observatory)	149	c	c	cr∘css∘	46	35	35	-	0·5	0·0	77	87	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park)	27	*	*	*	49	36	36			0·0	83	84	*
Regents Pk. (Botanic Gardens)‡	168	*	*	*	46	35	34	-	0·6	0·0	84	95	*
Camden Square	110	crc	cp	*	45	36	35	0·3	1	*	*	90	*
Kensington	80	c	orsx	*	46	35	30	0·1	0·4	0·0	At 18h. 80	89	*
Hampstead Observatory	450	od	o	os	44	31	30	Tr	0·5	0·0	*	95	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington.			
Max.	Time.	Min.	Time.
0·6	11-14hs 21st	<0·3	2-5hs 22nd

Kew Observatory.			
Max.	Time.	Min.	Time.
0·2	10h 21st	<0·1	22h-21st to 6h 22nd

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 21st March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 22nd March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1001·0	-	0	c	50	998·6	NW	3	q	41	54	41	1	2
Brussels	1001·5	N	2	z∘	45	998·3	NE	1	dF	41	46	39	1	2
Berlin	993·7	NW	4	id∘	37	1001·2	W'N	1	z∘	39	39	36	Tr	Tr
Zürich						1002·3	NNW	1	F	32		32		-
Rome	1006·6	W	8	bc	55						*		-	

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 „
2 Fog	550 „
3 Moderate fog	1,100 „
4 Mist or haze	1¼ miles.
5 Poor visibility	2½ „
6 Moderate „	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.   § See disturbance reported from Dungeness.

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AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 23rd March, 1937.
No. 27515.

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	°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)	1002·7	−10	NNE	4	c	40	55	7	2	-	8	4-6	9+	2500
	Croydon ...	1001·9	−10	NNE	3	c/ps	38	65	5	8	7	-	2-3	9	1500
	S. Farnborough	1002·7	−10	N	4	c/ps	40	65	7	7	1	-	4-6	9+	2500
	Boscombe Down	1003·5	−6	NNE	3	c	39	65	7	5	3	-	4-6	7-8	1500
	Calshot (Sthmtn.)	1003·4	−2	N	4	ir_0	38	85	7	8	2	-	4-6	10	1500
	Lympne ...	1001·2	−6	N'E	5	c	39	65	7	5	7	-	4-6	9+	1500
	Manston ...	1001·0	−6	N	5	c/rs	39	65	8	5	2	-	4-6	10	1500
2	Shoeburyness ...	1002·2	−4	N'W	4	c	41	65	8	2	1	-	7-8	9	1500
	Felixstowe ...	1001·7	−10	N	4	c	41	55	8	8	-	9	7-8	9+	2500
	Gorleston ...	1002·7	0	NNW	5	bc	40	55	7	8	-	-	4-6	4-6	2500
	Mildenhall ...	1002·9	−6	N	4	c	41	55	8	8	5	6	4-6	9	2500
	Cranwell ...	1004·1	−12	NNW	3	b	41	45	7	8	-	-	1	1	2500
3	Birmingham ...	1005·0	−4	NNE (NNW)	4	bc	37	65	6	1	-	-	4-6	4-6	2500
	Upper Heyford	1003·8	−10	N	3	ps	38	65	7	8	-	8	7-8	7-8	2500
4	Ross-on-Wye	1005·2	0	N'W	3	c	35	75	8	2	-	2	4-6	7-8	4000
5	Portland Bill ...	1002·9	−4	NNE	3	c	39	85	7	4	-	-	10	10	2500
	Plymouth ...	1004·6	−4	N'E	4	bc	40	65	8	8	4	-	4-6	4-6	2600
	The Lizard ...	1006·0	0	NW'N	5	q	40	75	8	9	7	-	4-6	4-6	1500
	Scilly (St.Mary's)	1007·9	+2	N	6	bc	42	56	8	2	6	-	4-6	4-6	2500
	Guernsey ...	1002·9	+2	NE'N	4	ir_0	39	85	7	8	-	-	10	10	1500
6	Pembroke ...	1006·0	0	NNW	5	q	39	75	6	5	6	-	4-6	7-8	2500
7	Holyhead ...	1005·9	−12	N	5	bc/ps	42	65	9	2	-	-	4-6	4-6	2500
	Chester (Sealand)	1005·8	−8	W'N	5	bc	40	55	8	8	7	-	2-3	4-6	2500
8	Manchester ...	1005·1	−12	NWW	4	bc	40	55	8	1	-	1	2-3	2-3	4000
10	Spurn Head ...	1003·0	−6	NW	3	bc	40	65	7	7	6	-	2-3	4-6	1500
	Catterick ...	1003·4	−18	NW'W	4	ps	36	65	7	9	1	-	2-3	10	2500
	Tynemouth ...	1002·9	−8	W	2	c/s	32	97	5	6	2	-	7-8	10	800
11	Inchkeith ...	1003·8	−6	N	4	c	33	97	7	8	-	-	7-8	7-8	2500
	Leuchars ...	1002·9	−6	WNW	3	bc	34	92	8	8	-	3	2-3	2-3	1500
12	Renfrew (Abbots I.)	1003·8	−16	NW	5	c	41	65	9	8	-	-	9	9	4000
	Eskdalemuir ...	1003·0	−14	NW	5	s_0s_0	32	97	6	-	2	2	9	9+	450
	Point of Ayre ...	1005·8	−12	N'W	5	c	42	75	8	1	6	-	2-3	7-8	2500
13A	Tiree ...	1008·7	−6	N	6	c	41	65	8	8	-	-	7-6	7-8	2500
13B	Stornoway ...	1008·7	•	N	7	c/phr	40	85	7	8	7	-	4-6	7-8	2600
15	Dalwhinnie ...	•	+10	N	3	c	31	92	7	3	6	-	7-8	9+	2500
	Aberdeen ...	1001·9	+6	N'E	3	ps	33	85	6	9	-	-	9+	9+	1500
	Wick ...	1002·5	+8	NNE	5	prs_0	37	97	8	5	7	-	7-8	9	1500
16	Lerwick ...	1004·4	+10	NE	3	c	35	75	8	8	2	-	7-8	9	1500
17	Blacksod Point	1014·0	0	N	4	c	40	86	8	9	-	-	7-8	7-8	800
18	Malin Head ...	1010·2	−4	N'W	5	c/ps	38	97	8	8	-	-	4-6	4-6	2500
	Aldergrove ...	1008·0	−14	WNW	6	phr	41	65	7	3	-	-	7-8	7-8	1500
19	Birr Castle ...	1010·9	−2	NW	1	c	42	45	8	4	-	-	7-8	7-8	4000
20	Valentia Obsy. †	1014·0	+2	NNE	4	jp	43	65	8	8	-	-	7-8	7-8	1500
	Roches Point	1011·1	−10	N	4	bc	43	55	9	1	-	-	4-6	4-6	1500

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud Form Low (23)	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)	1002·3	+2	NNW	2	z_0	40	45	6	1	-	-	Tr	Tr	4000	1	*
Croydon	1001·9	+4	NNE	3	m	37	45	4	-	3	·	0	2-3	-	1	*
S. Farnborough	1002·6	+4	NNW	1	z_0	37	55	6	2	-	1	Tr	1	4000	1	*
Boscombe Down	1003·4	+4	NW	3	z_0	37	75	6	8	-	-	2-3	2-3	2500	1	*
Calshot (Sthmtn.)	1003·0	+4	NNW	3	bc	39	65	6	1	3	-	Tr	2-3	4000	1	§ 2
Lympne	1002·1	+6	N'E	3	c	36	65	8	5	7	2	2-3	7-8	1500	1	2
Manston	1001·4	+4	N	3	c	37	55	7	5	7	6	1	7-8	1500	1	*
Shoeburyness	1001·9	0	N'W	2	bc	37	65	8	4	1	·	Tr	2-3	2500	1	*
Felixstowe	1001·5	−2	N	2	bc	37	65	7	7	-	8	2-3	4-6	2500	1	2
Gorleston	1002·0	−2	NNW	3	bc	37	65	7	1	-	4	2-3	2-3	2500	1	2
Mildenhall	1002·0	−4	N'W	2	b	39	55	8	4	-	-	1	1	2500	1	*
Cranwell	1002·6	+2	NW	2	c/ps	34	85	7	8	3	-	4-6	7-8	1500	1	*
Birmingham	1003·4	−4	NNW	3	bc	38	65	6	1	-	-	2-3	4-6	2500	1	*
Upper Heyford	1003·1	−2	NW	3	bc	37	55	7	4	-	-	2-3	2-3	2500	1	*
Ross-on-Wye	1003·9	−4	NNW	4	jp	40	45	8	8	-	-	4-6	4-6	4000	1	*
Portland Bill	1003·7	+6	NNE	4	c	37	85	7	4	4	-	4-6	7-8	2500	2	3
Plymouth	1005·3	+12	N'W	4	c	42	55	8	8	7	3	4-6	9	1500	1	2
The Lizard	1007·1	+8	NNW	5	jp	39	65	8	9	6	-	4-6	7-8	1500	1	3
Scilly (St.Mary's)	1008·7	+4	N	6	bc	41	56	8	2	6	3	4-6	4-6	2500	1	3
Guernsey	1003·6	+10	N'W	5	ss	35	97	6	5	-	-	10	10	800	1	3
Pembroke	1006·2	−4	N'W	4	q	39	55	7	8	1	3	4-6	7-8	2500	1	2
Holyhead	1004·6	−8	NNW	7	c	39	92	8	3	8	-	4-6	7-8	2500	1	3
Chester (Sealand)	1003·3	−8	WNW	5	c	40	55	8	8	-	3	7-8	9+	2500	1	*
Manchester	1002·8	−2	NW	3	c/ps	34	97	6	9	3	-	7-8	7-8	800	1	
Spurn Head	1001·7	−14	NWW	3	c	35	92	7	3	2	-	7-8	10	800	0	3
Catterick	1001·3	−4	NW	2	bc	36	65	8	3	4	3	1	2-3	2500	1	*
Tynemouth	1000·7	−6	NW	2	bc	36	75	6	2	-	2	4-6	4-6	1500	4	2
Inchkeith	1002·0	−10	N	5	c	36	85	8	8	-	-	7-8	7-8	2500		
Leuchars	1002·4	+14	N	3	bc	34	75	8	8	-	3	4-6	4-6	800	4	*
Renfrew (Abbots I.)	1003·8	+4	N'W	5	c	40	65	9	8	-	6	4-6	7-8	2500	1	*
Eskdalemuir	1001·9	−4	NNW	6	psh	32	97	3	8	-	-	10	10	220	8	
Point of Ayre	1003·9	−8	N'E	4	c	41	85	8	2	6	-	2-3	7-8	2500	1	3
Tiree	1008·9	+2	N	7	c	40	75	8	8	-	9	9	9	1500	0	4
Stornoway	1009·7	+8	N	6	c	38	85	8	8	7	-	7-8	9	2500	1	3
Dalwhinnie		+14	N	5	c	30	92	7	3	6	-	4-6	7-8	2500	9	*
Aberdeen	1003·8	+34	N'W	4	c/phr	33	92	8	9	-	3	9+ (7-8)	9+ (7-8)	1500	4	2
Wick	1006·1	+24	N	3	c	37	75	8	8	7	1	7-8	9	1500	1	2
Lerwick	1005·4	+8	N	3	c	35	97	8	9	7	-	4-6	7-8	800	4	*
Blacksod Point	1013·6	0	N	5	c	42	92	8	9	-	-	7-8	7-8	800	1	4
Malin Head	1009·8	+4	N'W	5	jp	41	92	7	8	-	-	7-8	7-8	2500	0	4
Aldergrove	1007·4	+6	N'W	5	b	39	75	8	2	-	-	1	1	1500	1	*
Birr Castle	1010·2	+2	NW	2	bc/ps	40	75	8	3	-	-	4-6	4-6	2500	1	*
Valentia Obsy. †	1013·9	+2	N'E	4	bc	42	65	8	8	-	-	4-6	4-6	2500	1	2
Roches Point	1010·5	0	N'E	4	bc	42	75	9	3	-	3	2-3	2-3	1500	1	3

PAST 24 HOURS. — WEATHER.

Stations	7h.—13h. 22nd. (37)	13h.—18h. 22nd. (38)	18h 22nd to 1h 23rd. (39)	1h.—7h. 23rd. (40)
London (Kew)	$r_0s_0r_0s_0cy$	cbcby	bz_0x	cm_0x
Croydon	shbsjpd	cz_0ybzy	byfbm	bmxcmig
S. Farnborough	$s_0s_0r_0s_0ps$	cps_0bvy	bz_0	bos_0s_0m
Boscombe Down	$crss_0s_0c$	cpscbc	bcb	b,cps_0bc
Calshot (Sthmtn.)	cs_0m_0	cir_0mcy	bm_0bx	$cssm_0$
Lympne	$r_0ss_0cm_0$	cps_0bc	$bcbxm_0$	$bcbxm_0$
Manston	$or_0r_0r_0s_0$	cr_0s_0mbcy	bcyb	$bbcxm_0$
Shoeburyness	ir_0s_0c	cybc	bcbx	bmx
Felixstowe	cr_0scy	cbccy	bcb	bcxf
Gorleston	cprshq	bcq	bcbzx	bcz_0x
Mildenhall	cr_0s_0rcy	cy,by	$bybm_0$	bm_0ffx
Cranwell	bcm_0bg	$bycps_0$	cbcb	bxbcfem
Birmingham	cs_0bc	bc	bccis	s_0c
Upper Heyford	cs_0s_0bc	ps_0bczy	$bbccs_0s_0m$	cs_0s_0m
Ross-on-Wye	cos_0c	bcbvybcy	qs_0pcbbc	cosc
Portland Bill	iroc	iroc	bbc	bcprs
Plymouth	bbccpqbc	bccpsy	bbccprb	bbccprsx
The Lizard	$prsh_0$	bcprh	bcphl	cph'sc
Scilly (St.Mary's)	psphrq	bcy	cphrl	cphrq
Guernsey	cr_0	irsos	osrsbc	bcpsk
Pembroke	cpshmqc	cbcpshqyc	cbccq	bcqc
Holyhead	bcps	ps_0ph_0	cir_0ph	bbc
Chester (Sealand)	$cs_0s_0m_0bcy$	bccy	cyprsqt	cps_0
Manchester	s_0by	bcypsqf	cs_0s_0ssf	$cmps_0$
Spurn Head	bc	$bccs_0$	bcif	fmssc
Catterick	$ybccps_0$	cps_0bc	bccsc	cps_0c
Tynemouth	bcoss	oisbc	oisq	bcPH
Inchkeith	cis_0		cbc	bc
Leuchars	cff bc	$bccs_0bc$	cps	b
Renfrew (Abbots I.)	bcvc	$cpsh_0c$	cbbc	$bccs_0m_0$
Eskdalemuir	ccs_0s_0	cPSHq	cps_0bc	bps_0b
Point of Ayre	bcc	c	cbcbc	bc
Tiree	$phbcir_0$	bcc	cphr	c
Stornoway	cph_0ps_0	cpr_0	cpr_0q	c
Dalwhinnie	cksq	Ksc	•	cis
Aberdeen	$bcpsh_0$	oisq	cbcbx	bxm_0
Wick	PHRs	cprsc	cprc	cprc
Lerwick	cssps	psshis	$bcpr_0$	cprs
Blacksod Point	phrq	phrq	pr_0c	c
Malin Head	cbc	bccjp	cbc	c
Aldergrove	bxcphq	cphfsb	bxcphr	cbxbc
Birr Castle	bccy	cbcps	bcpsbc	bcx
Valentia Obsy. †	$cisph_0c$	cph_0bc	pr_0prc	$cprpr_0c$
Roches Point	bcvy	ps_0bcv	bcvb	bbc

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.*

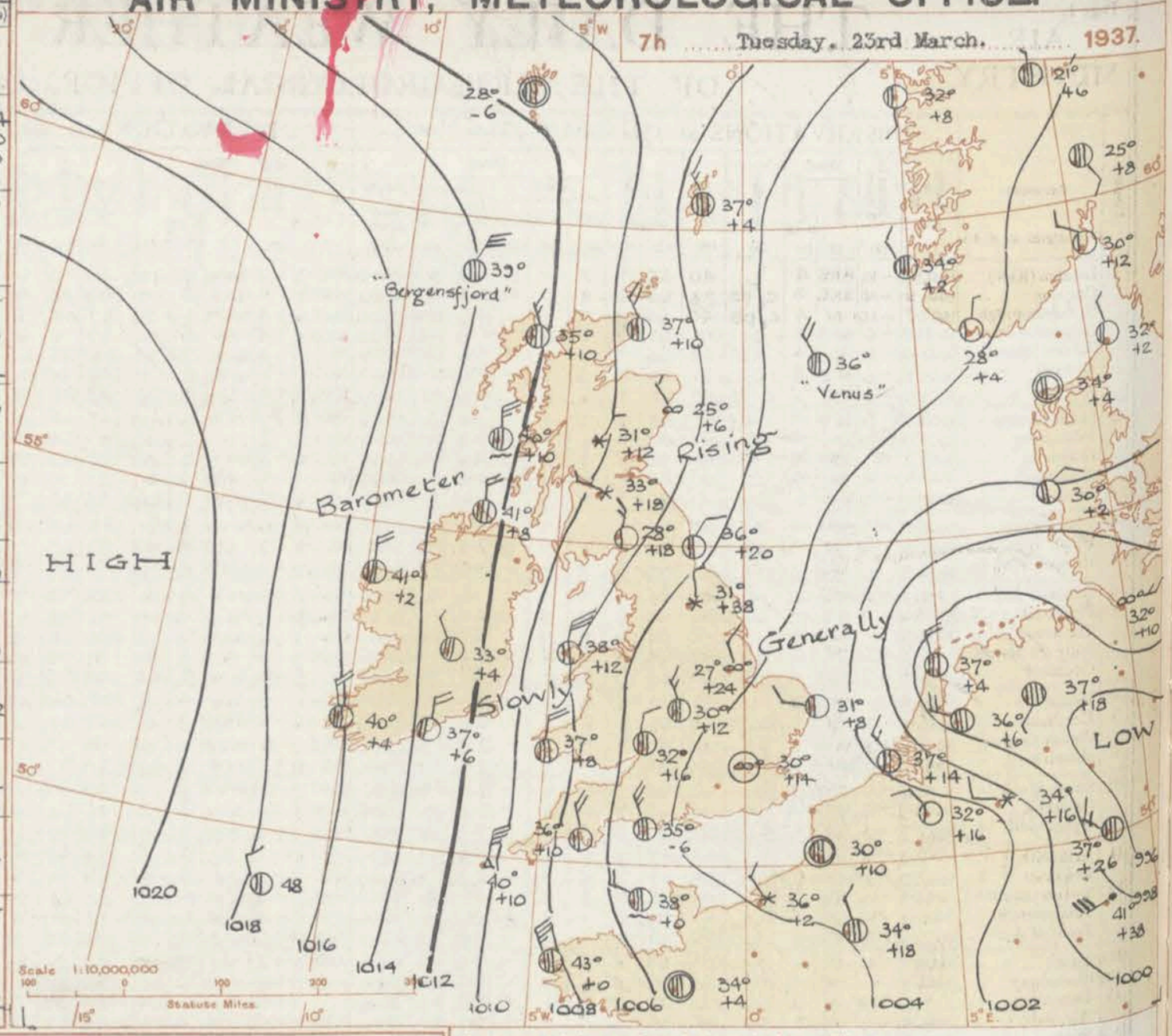
† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for Monday 22nd March 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.	orso	coc	34	40	0·5	Trace	0·5	0·0
	Bournemouth	o	obcc	35	43	1	-	1·4	0·4
	Ventnor ...	rors	orb	36	41	0·3	2	1·2	0·0
	Southsea ...	cop	opoc	37	42	-	Trace	0·9	0·0
	Bognor Regis	crs	cobc	37	41	Trace	1	0·0	0·0
	Littlehampton	o1r₀c	cprsc	38	41	Trace	3	0·0	0·0
	Worthing ...	c	cr₀sc	38	41	-	Trace	0·1	0·1
	Brighton ...	crcbc	c	37	~~52~~ 41	-	Trace	0·1	0·1
	Eastbourne† ...	o	oycy	39	43	-	-	0·0	0·0
	Hastings† ...	co	op₀pc	37	45	0·5	Trace	0·2	0·4
	Folkestone ...	orcos	orsc	36	41	3	0·5	0·6	0·2
	Dover ...	o1rsr	orso	37	41	3	2	0·3	0·0
	Deal	do	coc	38	45	1	0·3	0·1	0·0
	Ramsgate ...	rorsors	c	36	40	1	0·4	0·0	0·1
	Margate ..	c1s₀	c	37	40	0·4	Trace	0·0	0·4
2	Southend ...	orsc	cbcb	36	42	1	Trace	1·7	0·1
	Maldon ...	s₀oc	cb	37	41	0·3	-	2·4	0·7
	Clacton-on-Sea	crsc	cbcy	35	42	2	Trace	1·9	0·6
	Dovercourt ...	bcpbcv	bcv	35	42	Trace	-	2·0	0·0
	Lowestoft ...	crsbs	bccbc	35	41	2	-	4·8	1·5
	Skegness ...	cbb	bbcbc	33	39	1	-	6·7	0·0
	Mablethorpe...	bcbbc	bccs₀	32	41	1	Trace	7·9	0·0
	Cleethorpes ...	b	bcsc	32	41	0·3	-	~~7·2~~	0·0
3	Leamington S.	c	bc	34	43	1	-	6·8	0·6
4	Cheltenham†	c1rso	h₀cbc	33	43	4	Trace	4·2	0·9
5	Bath	bbcc	bcs₀b	35	42	2	Trace	4·2	0·0
	Weymouth ...	pc	irs	35	43	2	0·6	0·4	0·5
	Jersey ...	rcdc	cbc	38	43	3	0·4	1·7	2·3
	Torquay ...	bbcp₀	crspc	37	43	2	0·4	3·7	0·0
	Penzance ...	bch s	shbc	38	44	1	3	6·1	1·2
	St. Ives ...	corscho c		37	41	1	0·3	3·0	0·0
	Bude... ...	cbc	bc	37	41	0·3	-	8·2	0·2
	Ilfracombe ...	cbcco	cbc	37	43	-	-	4·6	0·3
6	Aberystwyth	orsbc	bc prs	38	43	1	1	7·2	2·1
7	Llandudno ...	bbc	bccih	32	43	2	0·1	8·0	1·5
	Colwyn Bay...	bcbcb	bchch	31	42	5	0·5	6·8	0·4
	Rhyl	bbc	bcphc	32	42	5	0·4	7·2	0·9
8	Wallasey ...	b	bbc	29	43	2	-	8·2	0·1
	Southport ...	bcbbc	bcp₀cu	29	44	1	0·2	7·5	0·6
	Blackpool ...	bbc	bccps	28	42	2	Trace	7·0	0·7
	Morecambe ...	b	c1sbc	27	41	3	1	7·1	4·1
9	Ilkley... ...	b	ops₀c	29	43	-	-	6·4	0·4
	Harrogate ...	b	cis₀	27	39	0·3	Trace	6·9	0·0
10	Berwick-on-T.	oss₀	bch₀c	28	39	1	2	4·5	2·0
11	Dunbar ...	oxss	ophs	27	37	-	1	2·9	1·9
12	Troon... ...	cbcbc	bccbc	33	44	-	-	6·6	1·3
	Douglas ...	bcphx	bih₀	30	42	1	Trace	9·9	3·2

† 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. 23rd March, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light or moderate northerly winds; bright periods and occasional showers of snow or sleet but with periods of more general snow in the extreme Southeast; local fog at night; cold, frost at night.
4 W. Midlands ... 5 S.W. England 6 South Wales ...	Moderate or fresh northerly winds; bright periods and occasional showers of snow or sleet; local fog at night; cold, frost at night.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Moderate or fresh northerly winds; bright periods and occasional snow showers, becoming cloudy with some more general snow later; local fog at night; cold, frost at night.
13 A. W. Scotland. B. N.W. Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Moderate or fresh northerly winds; cloudy, with snow at times; fairer periods later; cold, frost at night.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Moderate or fresh northerly winds; bright periods and scattered showers of sleet or snow; cold, frost in places at night.

GENERAL INFERENCE.

Pressure is high to the west and low to the east of the British Isles. A small disturbance south east of Iceland will move southeast or south. Snow will spread southwards over Scotland and Northern England and there will be occasional snow showers elsewhere. It will be cold.

FURTHER OUTLOOK.

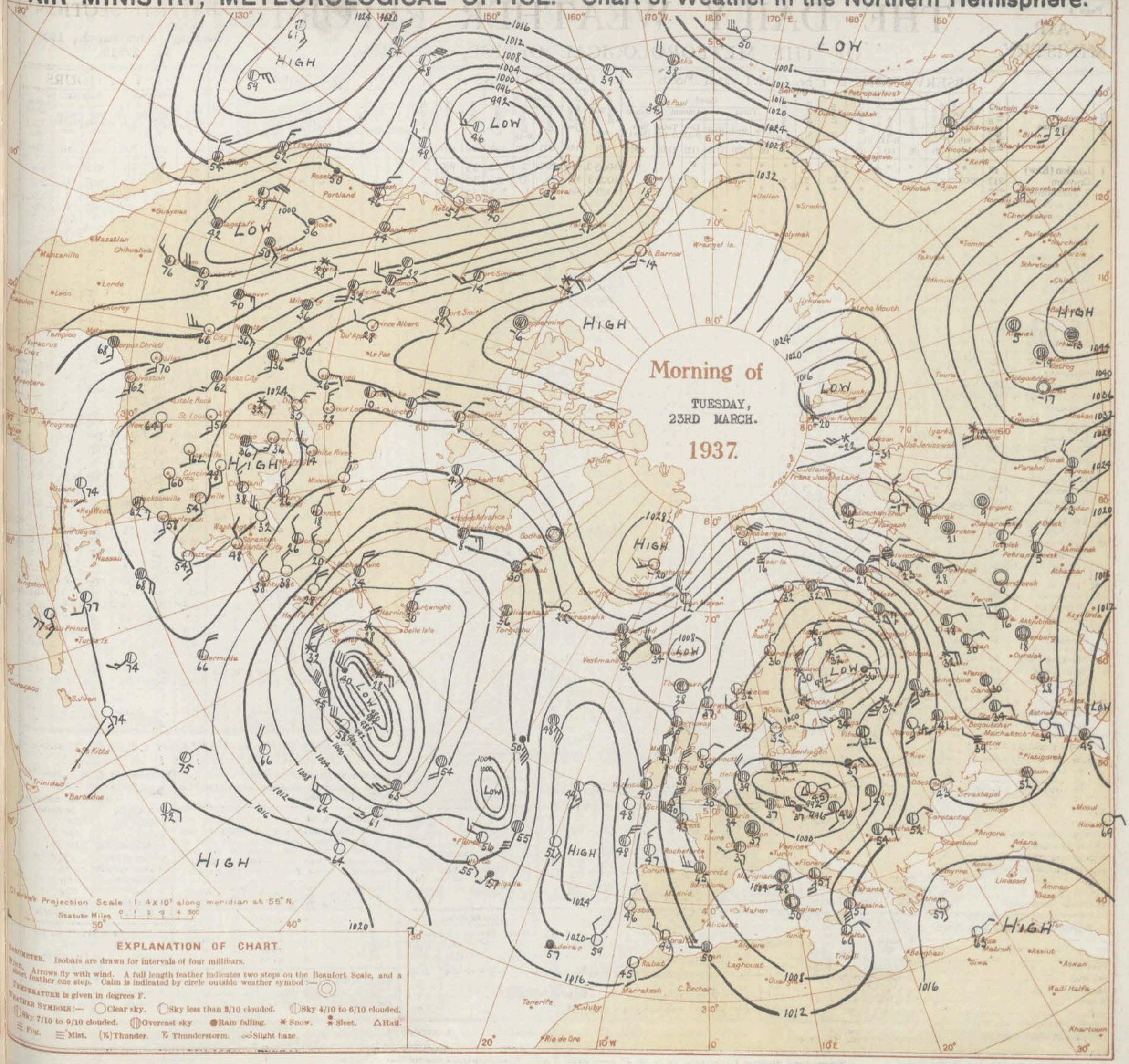
Continuing cold with snow in places.

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.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 23rd March, 1937.
No. 27515.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	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	1002·0	-6	N	2	m	29	92	4	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1002·8	+2	NWN	2	zo	30	75	6	-	-	-	0	0	-
	Manston ...	142	1001·8	+2	-	0	b	33	75	7	-	-	-	0	0	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1002·1	-2	NWW	1	b	30	85	6	-	-	-	0	0	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1003·9	-6	NW	3	bc	38	85	8	1	-	-	4-6	4-6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1007·7	-4	NWW	4	c	36	85	8	8	6	-	7-8	9	2500
	Scilly (St. Mary's)	163	1009·0	0	N	6	c/phr	41	65	8	8	-	-	7-8	7-8	1500
	Guernsey ..	175	1005·4	0	NNW	3	bc	39	65	9	2	-	-	4-6	4-6	1500
6	Pembroke ...	142	1005·2	-2	NW	5	q	39	85	7 [red correction]	8	-	-	9+	9+	2500
7	Holyhead ...	26	1005·8	+16	NNE	6	bc	38	85	8	1	-	-	2-3	2-3	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1001·7	0	NWN	3	if	33	97	3	5	7	-	2-3	7-8	220
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	~~996·8~~ 998·9	-20	N	8	is	36	92	6	6	-	-	10	10	800
11	Inchkeith ...	190	1007·2	+12	N	4	bc	34	92	8	5	-	-	2-3	2-3	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1005·5	+12	NNE	5	b	36	75	8	2	-	-	Tr	Tr	4000
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1011·2	+10	N	5	c	37	85	8	8	7	-	4-6	7-8	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1007·5	+2	NW	2	c	34	97	8	5	7	-	7-8	9+	1500
16	Lerwick ...	156	1006·9	+6	N	2	bc	36	97	8	8	-	-	2-3	2-3	1500
17	Blacksod Point	18	1014·6	0	N	4	c	41	75	8	9	-	-	9	9	800
18	Malin Head ...	84	1011·1	+6	N	4	c	41	97	7	8	6	-	4-6	7-8	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1015·3	+6	NW	4	bc	39	97	8	8	-	-	4-6	4-6	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	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)	1003·2	+14	NNW	2	zo	33	85	5	5	-	-	9+	9+	1500	1	*
	Croydon	1003·3	+14	-	0	c	30	92	5	5	3	-	4-6	9+	5700	1	*
	S. Farnborough	1003·5	+14	NW	1	SoSo	32	97	4	5	-	-	10	10	800	7	*
	Boscombe Down	1003·8	+12	NNW	3	c/ps	30	97	7	5	7	-	4-6	7-8	2500	3	*
	Calshot (Sthmtn.)	1003·2	+8	NWN	3	ss	32	97	5	6	2	-	4-6	10	450	8	§2
	Lympne	1003·9	+10	N	2	m	29	85	4	-	-	-	0	0	-	3	8
	Manston	1003·4	+14	NW	1	zo	30	85	6	5	-	-	4-6	4-6	800	1	
2	Shoeburyness	1003·6	+8	NNW	1	m	29	85	4	-	-	-	0	0	-	3	*
	Felixstowe	1003·6	+20	~~NE~~ NWW	2	f	29	92	2	-	-	-	10	10	<150	3	2
	Gorleston	1003·3	+8	WNW	2	bc	31	92	6	2	-	-	2-3	2-3	2500	3	2
	Mildenhall	1004·0	+16	-	0	F	28	97	1	-	-	-	10	10	<150	1	*
	Cranwell	1005·0	+24	NW	12 [red]	zo	27	97	5	5	4	1	2-3	2-3	4000	3	*
3	Birmingham	1005·5	+12	NNW	3	c	30	92	5	5	-	-	9	9	1500	7	*
	Upper Heyford	1004·9	+24	NW	3	m	29	97	4	6	-	6	7-8	10	800	7	*
4	Ross-on-Wye	1005·3	+16	NE	2	c	32	85	9	8	-	-	9	9	4000	4	*
5	Portland Bill	*	-6	NNW	5	c	35	85	7	4	-	-	7-8	7-8	2500	1	3
	Plymouth	1007·1	+10	NW	4	jp	36	85	6	9	7	-	4-6	4-6	1500	1	1
	The Lizard	1008·6	+10	NWN	5	c/ps	36	85	8	8	6	-	4-6	7-8	1500	1	3
	Scilly (St. Mary's)	1010·1	+10	NE	7	phr	40	75	8	3	-	-	9+	9+	1500	1	3
	Guernsey	1004·6	0	NWW	4	c/ps	38	65	9	8	2	-	4-6	7-8	2500	1	4
6	Pembroke	1006·9	+8	NE	4	c	37	75	8	8	2	-	4-6	7-8	2500	1	2
7	Holyhead	1008·0	+12	NE	6	bc	38	75	8	8	-	-	4-6	4-6	2500	1	3
	Chester (Sealand)	1005·1	+2	NW	5	o/ps	35	65	7	5	-	-	10	10	1500	4	*
8	Manchester	1004·8	+12	NE	3	m	32	92	4	5	3	-	4-6	4-6	2500	8	*
10	Spurn Head	1004·3	+18	NE	3	c	34	92	7	5	7	-	4-6	7-8	2500	7	2
	Catterick	1007·3	+38	N	1	pso	31	92	5	9	-	-	9	9	1500	4	*
	Tynemouth	1007·2	+20	NE	2	bc	36	75	8	2	-	-	2-3	2-3	1500	4	2
11	Inchkeith	1009·8	+8	NNW	2	bc	34	92	8	5	4	-	4-6	4-6	2500	3	1
	Leuchars	1009·6	+18	WSW	2	bc	28	92	9	7	3	-	Tr	2-3	2500	4	*
12	Renfrew (Abbots I.)	1010·6	+18	WNW	1	SoSo	33	92	6	5	2	-	2-3	9+	2500	4	*
	Eskdalemuir	1009·7	+18	NNE	3	b/ps	28	75	9	8	-	-	Tr	Tr	1500	4	*
	Point of Ayre	1009·3	+16	NEN	5	bc	36	75	8	-	4	5	0	2-3	-	1	3
13A	Tiree	1011·7	+10	N	5	c	40	75	8	8	-	-	7-8	7-8	2500	0	4
13B	Stornoway	1012·3	+10	NNW	3	c	35	75	8	5	7	-	7-8	9+	2500	1	1
15	Dalwhinnie	1010·9	+12	NE	1	is	31	92	7	5	-	-	10	10	2500	9	*
	Aberdeen	1009·1	+6	NW	1	zo	25	92	6	5	-	-	2-3	2-3	4000	4	1
	Wick	1008·5	+10	NNW	4	c/pr	37	97	8	8	7	8 [red]	4-6	7-8	1500	1	2
16	Lerwick	1007·4	+4	NNW	3	c	37	92	8	9	7	8	2-3	7-8	800	4	*
17	Blacksod Point	1015·0	+2	N	4	c	41	92	8	9	-	-	10	10	800	0	3
18	Malin Head	1012·6	+8	N	4	c	41	92	8	8	4	9	4-6	7-8	2500	0	3
	Aldergrove	1011·1	+16	NNW	2	jp	35	85	7	3	-	3	4-6	4-6	1500	1	*
19	Birr Castle	1012·3	+4	NW	1	bc	33	92	8	-	4	-	0	2-3	-	1	*
20	Valentia Obsy. †	1016·0	+4	NNW	4	c/pr	40	75	8	5	-	-	9+	9+	2500	1	2
	Roches Point	1013·6	+6	N	4	bc	37	85	9	5	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)	Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 22nd Hrs. (36)
1	London (Kew)	41	30	19	0·2	-	3·5
	Croydon	41	29	23	0·5	Tr	0·2
	S. Farnborough	42	26	16	1	1	1·5
	Boscombe Down	39	28	24	0·1	Tr	1·9
	Calshot (Sthmtn.)	42	30	26	1	0·1	0·9
	Lympne	39	28	20	0·4	-	0·2
	Manston	40	28	21	1	Tr	0·0
2	Shoeburyness	44	27	18	Tr	-	1·8
	Felixstowe	42	27	15	0·1	-	2·7
	Gorleston	41	29	27	0·2	-	7·7
	Mildenhall	43	27	20	Tr	Tr	6·0
	Cranwell	42	26	22	Tr	-	7·4
3	Birmingham	41	28	27	Tr	2	~~6·2~~ 6·8
	Upper Heyford	41	28	21	0·1	0·3	*
4	Ross-on-Wye	41	31	24	0·2	1	5·3
5	Portland Bill	42	34	*	1	1	*
	Plymouth	43	34	28	0·3	1	8·4
	The Lizard	43	34	*	0·5	1	*
	Scilly (St. Mary's)	43	37	*	1	3	8·2
	Guernsey	42	33	32	2	2	1·6
6	Pembroke	42	31	*	0·6	2	6·1
7	Holyhead	44	35	34	Tr	0·6	7·8
	Chester (Sealand)	41	33	29	Tr	1	7·8
8	Manchester	42	28	23	1	1	7·4
10	Spurn Head	42	31	*	Tr	0·3	8·0
	Catterick	38	30	23	Tr	1	7·2
	Tynemouth	38	33	30	1	3	5·2
11	Inchkeith	39	31	28	—	-	2·3
	Leuchars	37	28	18	5	0·1	2·9
12	Renfrew (Abbots I.)	43	30	24	Tr	Tr	5·8 [red correction]
	Eskdalemuir	38	27	24	1	1	3·5
	Point of Ayre	43	33	*	-	-	8·2
13A	Tiree	42	37	35	Tr	0·2	8·5
13B	Stornoway	42	35	*	2	1	4·1
15	Dalwhinnie	34	24	*	2	4	0·5
	Aberdeen	39	22	14	3	-	3·3
	Wick	37	33	*	2	0·4	*
16	Lerwick	38	34	*	3	1	2·9
17	Blacksod Point	42	30	*	1	Tr	*
18	Malin Head	41	40	*	Tr	-	7·7
	Aldergrove	42	33	28	0·4	0·4	8·2
19	Birr Castle	45	31	28	1	Tr	9·2
20	Valentia Obsy. †	45	36	32	3	2	7·0
	Roches Point	43	37	*	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	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	roSoroSocy	dbebzox	cmox	41	30	19	0·2	-	3·5	·	·	5
Croydon	217	shbsjpd	czobyfm	bmxcis	41	29	23	0·5	Tr	0·2	·	·	4
Greenwich (Royal Observatory)	149	Soro c	c⊕ by	bcSo	42	31	23	Tr	Tr	2·1	39	76	6
City (Bunhill Row)	—	·	·	·	·	·	·	·	·	2·5	·	·	·
Westminster (St. James' Park)	27	·	·	·	43	32	27		Tr	2·0	39	77	·
Regents Pk. (Botanic Gardens)‡	168	·	·	·	42	31	25	0·2	Tr	3·3	65	90	·
Camden Square	110	cps	bcb	·	43	32	24	0·3	-	·	·	76	·
Kensington	80	opsbc	cobcc	·	42	31	23	0·1	0·2	2·2	41 18h. 47	92	·
Hampstead Observatory	450	osbc	bc	bcos	38	28	20	0·1	Tr	3·9	·	72	·

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 23rd

South Kensington. Max.	Time.	Min.	Time.
0·6	19-21h 22nd	0·3	14-16h 22nd

Kew Observatory. Max.	Time.	Min.	Time.
0·7	20h 22nd	<0·1	7h 22nd

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 22nd March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 23rd March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	997·8	N	5	c/pr	41	1004·1	NNW	2	c	34	48	*	0·6	*
Brussels	997·5	NW	4	c	36	1001·9	NW	2	b	32	41	28	14	0·4
Berlin	1000·0	E	1	zo	45	994·0	NNE	4	pr	37	48	36	-	3
Zurich	993·2	WNW	1	c	41	1002·7	WNW	2	o	37	43	36	-	3
Rome	1004·2	S	6	c/d	57	*	SSW	5	bc	57	*	*	Tr	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 ,,
2 Fog	550 ,,
3 Moderate fog	1,100 ,,
4 Mist or haze	1¼ miles.
5 Poor visibility	2½ ,,
6 Moderate ,,	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

Wednesday 24th March, 1937.
No. 27516.

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)	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. 23rd (37)	Weather 13h.–18h. 23rd (38)	Weather 18h. 23rd to 1h. 24th (39)	Weather 1h.–7h. 24th (40)
		OBSERVATIONS at 13h. G.M.T. 23rd March														OBSERVATIONS at 18h. G.M.T. 23rd March																PAST 24 HOURS.			
1	London (Kew)	1007·4	+12	N'E	4	z₀	40	55	6	2	-	-	4-6	4-6	2500	1010·8	+26	N	4	z₀	37	75	6	5	-	-	9+	9+	1500	1	*	cxbcy	bcc	rs₀c m₀	bcbxbm
	Croydon ...	1006·5	+14	NE'N	4	z₀	40	55	6	2	-	-	7-8	7-8	4000	1009·8	+28	N	3	z₀	37	65	5	5	-	-	9+	9+	2500	1	*	czbcz₀y	bcz₀yc	r₀z₀cm₀	c, bxm₀
	S. Farnborough	1007·2	+14	N'E	3	z₀	41	55	6	2	-	8	4-6	7-8	4000	1010·5	+26	N'W	3	c	37	75	7	8	-	-	7-8	7-8	2500	1	*	as₀cbcy	bcyc	cis₀sm₀	bxm₀
	Boscombe Down	1007·6	+16	NE'N	4	c	40	55	7	8	-	1	7-8	7-8	1500	1010·8	+22	N'E	4	bc	37	85	8	8	3	5	1	2-3	2500	1	*	bcoss₀c	cybc	bcbcx	bxb
	Calshot (Sthmtn.)	1006·9	+12	N	3	z	37	85	6	5	7	-	4-6	9+	1500	1010·2	+22	N	4	bc	39	65	7	8	4	2	2-3	4-6	2500	1	§ 2	cssis₀m	cm₀bc	bcbc	bcbxm₀
	Lympne ...	1006·4	+14	N'W	4	bc°	40	55	7	1	7	-	4-6	4-6	2500	1009·0	+18	NNW	4	c/phr	39	65	8	9	-	-	7-8	7-8	1500	1	2	mcwzbcy	bcycu	pr₀s₀c	cprbc
	Manston ...	1006·0	+12	N	3	bc	41	55	7	7	7	-	2-3	2-3	2500	1008·3	+16	NNW	4	bc	39	75	7	8	-	-	2-3	2-3	2500	1	*	bcm	bcybc	cpr₀m₀q	cpr₀q bc
2	Shoeburyness ...	1006·4	+12	N	2	bc	44	55	8	4	-	-	4-6	4-6	2500	1009·0	+20	NW'N	4	c	38	75	8	5	-	-	9+	9+	2500	1	*	mcbcy	bcyc	cpbx	xbm₀
	Felixstowe ...	1005·8	+4	NW'N	4	bc	42	45	8	2	-	-	4-6	4-6	2500	1008·5	+10	WNW	3	c	38	85	8	8	-	-	9	9	1500	1	2	fxbcgv	bcyvc	cirbc	bcxw
	Gorleston ...	1005·2	+6	NWW	5	c/s	41	55	7	8	4	-	4-6	7-8	2500	1007·5	+16	N'E	5	pr₀	39	85	6	9	-	-	9+	9+	1500	1	3	beccups	cpr₀q	opr₀q	cbc
	Mildenhall ...	1007·0	+8	N'W	5	bc	42	55	9	2	6	-	4-6	4-6	2500	1009·9	+20	NNW	3	s₀s₀	34	97	4	6	-	-	10	10	450	4	*	ffpshbcy	bcssffssm	s₀s₀m₀s₀	cxbxm₀
	Cranwell ...	1008·9	+20	N'E	4	s₀s₀	35	85	5	6	2	-	4-6	10	800	1011·3	+14	N	3	c	37	85	8	8	1	-	7-8	9+	1500	1	*	bccs₀s₀s	s₀s₀r₀sr₀	cbcbx	bm₀x
3	Birmingham ...	1008·8	+20	NNE	3	c	38	65	5	8	-	-	7-8	7-8	2500	1012·7	+20	NE	3	c	36	75	5	5	1	-	4-6	7-8	2500	1	*	bc	bccps	cbc	bcbx
	Upper Heyford	1008·4	+14	NNE	3	c	40	65	7	8	-	-	7-8	7-8	1600	1012·2	+20	N	4	ps	35	85	8	8	7	3	4-6	9	1500	1	*	cmbcc	pscpsbc	cps₀s₀bc	bcxmbm
4	Ross-on-Wye	1009·2	+20	NE	3	z₀	40	55	5	2	-	-	7-8	7-8	2500	1012·3	+26	NE	3	z₀	36	86	5	5	-	2	Tr	4-6	2500	1	*	cosbccz	bczps bcz	bcm₀bm	bx
5	Portland Bill ...	1006·9	+14	N	4	c	41	66	7	4	4	-	7-8	10	2500	1009·4	+28	N	3	bc	40	75	7	4	4	-	4-6	4-6	2500	1	2	cprc	c	bcbc	bcb
	Plymouth ...	1008·5	+10	N'W	5	bc/ps	41	75	8	8	4	3	2-3	4-6	2500	1011·8	+24	N	3	b	42	55	8	8	-	-	1	1	2500	1	1	bbccprs	bcprs by	by	bx
	The Lizard ...	1009·9	+6	NW'N	6	prs	44	65	8	8	-	-	7-8	7-8	1500	1012·7	+20	NNW	4	bc	40	75	8	8	6	-	2-3	4-6	2500	1	3	phsbc	cprs₀	bcbx	bbcx
	Scilly (St. Mary's)	1012·0	+16	N'E	6	bc/phr	42	85	8	8	4	-	4-6	4-6	2500	1014·2	+20	NNE	6	bc	42	65	8	8	6	3	4-6	4-6	2500	1	3	cphqbc	cphqbc	bc	bc
	Guernsey ...	1006·9	+12	N	4	c	40	55	7	8	-	-	7-8	7-8	2500	1009·3	+16	NE'N	5	c	41	55	7	2	3	-	4-6	7-8	2500	1	4	cphrs	cbcc	cbc	bcc
6	Pembroke ...	1009·6	+10	N'E	5	q	42	65	8	8	-	-	4-6	4-6	2500	1013·3	+20	N'E	5	q	40	65	8	5	-	-	1	1	2500	1	2	bcph₀	bcqb	bbcc	bc
7	Holyhead ...	1012·1	+22	N'E	4	bc	40	85	8	8	-	-	4-6	4-6	2500	1014·1	+14	NNW	2	b	40	65	9	8	6	-	1	1	4000	1	1	bcbbc	bcb	b, cpr₀	b, cr₀r₀c
	Chester (Sealand)	1010·5	+14	N	3	z₀	43	45	6	8	-	-	7-8	7-8	2500	1013·0	+16	WNW	3	b	40	55	7	4	-	-	1	1	4000	1	*	cbcz₀y	cz₀bcy	b	bxc
8	Manchester ...	1010·3	+14	NNE	4	c	41	55	7	8	-	1	7-8	7-8	4000	1012·6	+10	N'E	3	z₀	40	55	6	8	-	5	1	2-3	4000	1		cmbccy	cbcbyz₀	bm₀	bm₀cfx
10	Spurn Head ...	1008·2	+18	N	6	is₀	35	85	5	5	-	-	10	10	800	1010·6	+24	N'E	5	c	39	75	7	5	7	-	7-8	9+	1500	1	4	coisq	rssqc	cbcb	bcmf
	Catterick ...	1010·2	+12	N'E	3	c	41	65	8	8	-	-	9	9	2500	1012·3	+12	NW'N	2	b	39	45	7	4	4	-	1	1	4000	1	*	cpsm₀c	cyby	ybwbx	bxbcx
	Tynemouth ...	1010·0	+14	N	4	bc	40	65	8	2	-	-	4-6	4-6	1500	1011·8	+8	NE	2	bc	38	65	8	2	-	-	4-6	4-6	1500	1	1	cps₀	bc	bc	bcc
11	Inchkeith ...	1011·5	+6	SW	3	c	38	92	8	5	8	-	4-6	9	2600	1012·2	+4	NE	3	c	41	75	8	8	-	-	7-8	7-8	4000	0	2	bcc	cpr	cz₀c	cir₀
	Leuchars ...	1010·9	+6	NW	3	bc	42	75	8	8	-	1	4-6	4-6	4000	1012·3	+10	N	2	bc	42	65	9	5	4	-	4-6	4-6	4000	1	*	bc	bccbc	bcbx	bxbcc
12	Renfrew (Abbots I.)	1011·4	−2	WNW	2	c	44	75	8	2	6	2	4-6	7-8	2500	1012·2	+2	-	0	bc	45	65	9	2	-	-	4-6	4-6	2500	1	*	ssm₀ bc	bcvbc	bc	cir₀m₀
	Eskdalemuir ...	1011·0	+6	N''	3	b	41	55	8	1	-	5	1	1	4000	1012·6	+10	-	0	jp	36	85	8	7	6	1	4-6	4-6	1500	4	*	bby	bcps₀	pr₀sbx	bcoss₀
	Point of Ayre ...	1012·5	+12	N	2	bc	44	65	8	1	-	5	1	2-3	4000	1013·1	0	NW'N	3	bc	43	85	8	2	8	-	1	2-3	4000	0	2	bc	bc	bcc	cr₀rc
13A	Tiree ...	1013·3	+6	N	3	bc	44	65	9	2	9	-	Tr	2-3	2500	1013·5	0	W'S	2	c	42	75	9	5	7	-	4-6	9+	2500	0	2	cbcbv	bvc	crir	c
13B	Stornoway ...	1012·5	−4	NNW	2	c	44	65	9	5	7	-	7-8	7-8	4000	1010·9	−10	SW	4	c/pr	41	85	9	5	2	-	4-6	10	2500	1	3	c	cpr₀c	cpr₀	cbcpr
15	Dalwhinnie ...	1012·9	+10	N	3	c	35	75	8	3	1	-	4-6	9	2500		0	S	1	b	30	85	8	4	5	-	Tr	Tr	<150	9		isc	c	•	cir
	Aberdeen ...	1010·2	+6	N	3	jp	42	75	8	8	3	9	4-6	7-8	2500	1011·8	+8	NW	2	b	39	65	8	8	-	-	1	1	2500	1	1	bxbc	cphr₀	bxz₀	bxz₀c
	Wick ...	1010·1	+6	NNW	4	c	42	75	8	7	6	-	4-6	7-8	1500	1010·5	0	WNW	2	bc	39	75	8	6	6	-	4-6	4-6	1500	1	3	cprc	cbc	cprc	cprc
16	Lerwick ...	1007·4	0	NW	3	bc	43	75	8	8	7	-	4-6	4-6	1500	1007·5	0	WNW	3	bc	38	85	8	8	4	-	4-6	4-6	1500	1		cbc	bcid₀	cid₀	cpr
17	Blacksod Point	1016·6	+10	N	4	bc	45	66	8	3	-	-	4-6	4-6	1500	1017·0	+2	NW	3	bc	45	75	8	4	3	-	4-6	4-6	1500	0	2	bc	bc	prc	pr₀c
18	Malin Head ...	1014·4	+8	N	3	bc	43	85	8	7	-	-	4-6	4-6	2500	1015·1	+2	WNW	1	bc	42	92	8	7	4	-	2-3	2-3	4000	0	1	cbc	bc	⊕ bccir₀	cpr₀
	Aldergrove ...	1012·7	+8	N	4	c	44	65	8	8	-	-	9	9	1500	1014·5	+10	N'W	3	bc	41	75	9	4	-	-	2-3	2-3	2500	1	*	bcxjpc	cbcb	b, cr	cr₀rc
19	Birr Castle ...	1014·0	+8	NW	1	c	45	55	8	5	-	-	7-8	7-8	2500	1015·1	+8	NW	1	c	43	65	8	5	-	-	7-8	7-8	2500	1	*	bccy	c	cbc	bcxcir₀
20	Valentia Obsy. †	1017·3	+10	NNE	4	bc/pr	45	75	9	8	-	-	4-6	4-6	2500	1018·7	+10	N'W	4	bc	45	65	9	8	-	-	2-3	2-3	2500	1	2	cpr₀bc	bccbc	bcc	c
	Roches Point	1015·2	+4	N	4	bc	44	65	8	3	4	-	2-3	4-6	1500	1016·5	+12	N	3	c/pr	44	75	9	8	-	-	7-8	7-8	1500	1	2	bc	bcp₀cv	cvbc	bcc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

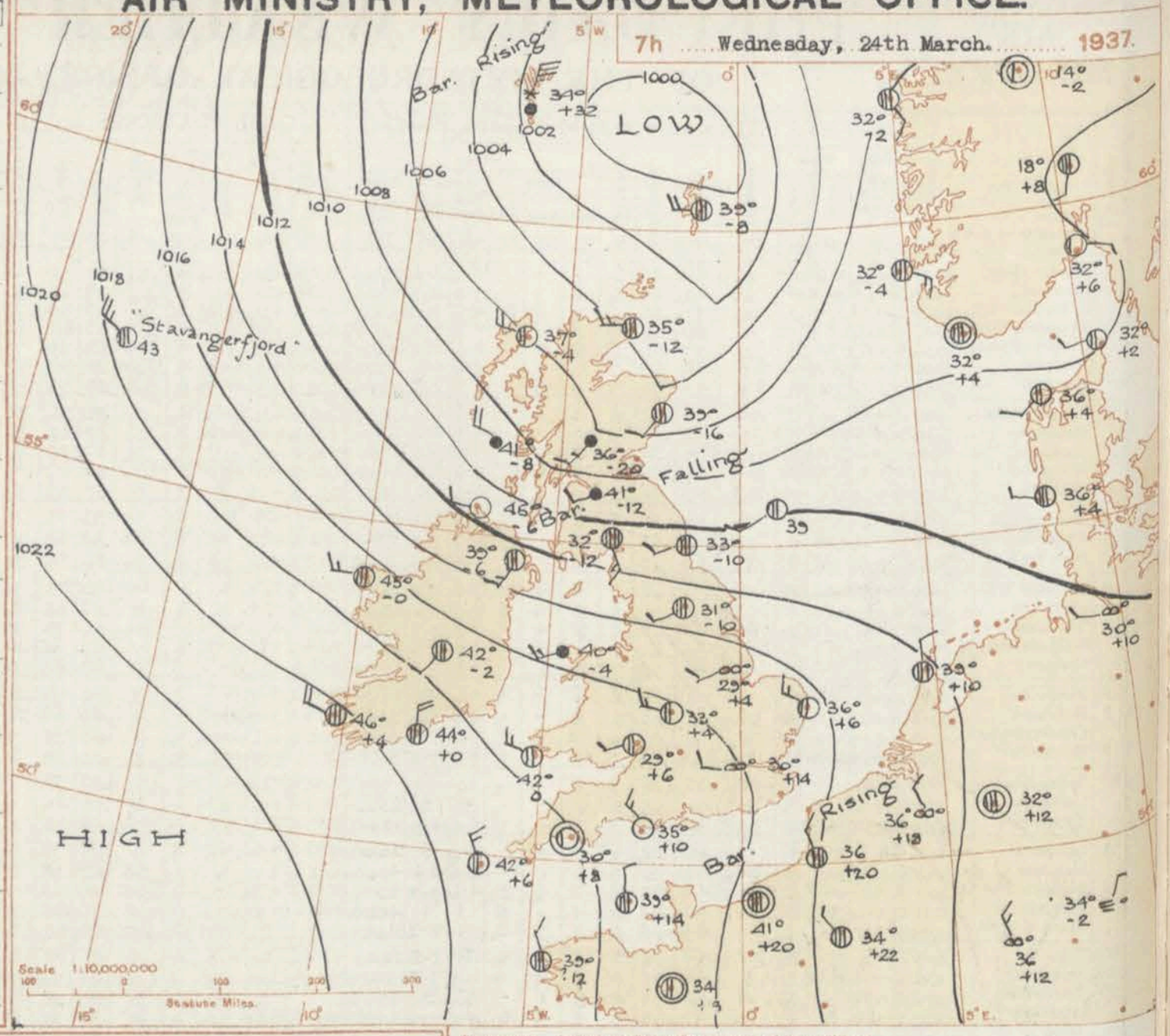
§ Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 23rd March 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.	bcc	bc	23	44	-	-	7·8	0·5
	Bournemouth	sooc	bcbbc	31	44	0·5	-	3·7	1·4
	Ventnor ...	scrso	oc	31	40	2	0·5	0·5	1·2
	Southsea ...	oso	cbcz	31	41	5	Trace	0·0	0·9
	Bognor Regis	ccrs	cobc	29	42	0·3	Trace	0·0	0·2
	Littlehampton	bcc	cbc	28	42	-	-	0·5	0·0
	Worthing ...	c	c	29	43	-	-	3·2	0·1
	Brighton ...	b	cbcb	29	45	-	-	5·6	0·1
	Eastbourne† ...	bbcy	bcy	29	45	-	-	8·4	0·0
	Hastings† ...	bbcbc	bcbcc	30	44	-	-	9·0	0·2
	Folkestone ...	b	bbc	30	43	-	-	9·8	0·6
	Dover ...	ybc	bcy	31	44	Trace	-	9·7	0·3
	Deal	b	bbc	30	45	-	-	9·2	0·1
	Ramsgate ...	bcb	b	32	44	-	-	9·4	0·0
	Margate ...	bc	bc	33	43	-	-	9·8	0·0
2	Southend ...	b	bbcb	30	45	Trace	-	9·5	2·1
	Maldon ...	xb	bc	27	43	-	-	7·3	2·9
	Clacton-on-Sea	bmbc	bcv	27	44	-	-	7·9	2·5
	Dovercourt ...	bcv	bcbcv	29	45	Trace	-	7·1	2·6
	Lowestoft ...	chrsb	bbccr	27	41	Trace	Trace	5·4	5·5
	Skegness ...	bcoss	ossr.	29	40	1	4	1·3	6·7
	Mablethorpe...	cois	oiso	26	38	1	5	1·5	7·9
	Cleethorpes ...	cos	orscbc	28	39	1	1	1·4	7·2
3	Leamington S.	bcc	c	28	44	3	-	6·1	7·3
4	Cheltenham†	cisbc	bccos	29	43	2	0·3	6·6	5·3
5	Bath	b	bccps	32	42	3	c1	6·3	5·2
	Weymouth ...	scb	b	30	44	1	-	6·8	0·4
	Jersey ...	rscbc	crssc	37	40	0·3	6	2·4	1·7
	Torquay ...	bybc	cby	32	43	0·6	-	9·0	3·7
	Penzance ...	bcbb	bhb	35	47	7	Trace	9·2	6·4
	St. Ives ...	c	b	34	44	0·5	-	7·1	3·3
	Bude... ...	phbc	bccs	35	43	5	1	7·6	8·4
	Ilfracombe ...	bcco	cpbc	35	44	-	0·2	6·7	4·6
6	Aberystwyth	cbc	bcc	34	43	1	-	9·5	7·2
7	Llandudno ...	bcb	b	35	42	0·4	-	9·2	8·1
	Colwyn Bay...	bcbcb	bcb	34	41	-	-	7·8	6·8
	Rhyl	cbc	bcb	33	42	2	-	7·7	7·2
8	Wallasey ...	b	b	34	43	Trace	-	8·8	8·2
	Southport ...	bbcv	bcjpb	33	45	0·6	-	9·8	7·5
	Blackpool ...	bbc	b	33	42	1	-	9·9	7·0
	Morecambe ...	bbc	b	32	45	0·5	-	10·5	7·3
9	Ilkley... ...	bcpsc	bcbc	29	41	4	0·2	6·8	6·9
	Harrogate ...	cbps	bbc	29	41	1	Trace	7·2	6·9
10	Berwick-on-T.	bcb	bc	31	43	1	-	8·5	4·5
11	Dunbar ...	bcx	bcrs.	29	43	1	Trace	6·7	2·9
12	Troon... ...	xcscb	bcpcb	29	47	-	Trace	3·7	7·6
	Douglas ...	bcxh.	bc	31	44	Trace	-	9·4	10·4

† 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.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 24th March, 1937.

Districts.	Forecasts
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England 6 South Wales ...	Moderate west or northwest winds; bright periods at first but becoming cloudy with occasional light rain during the night; rather cold with temperature falling tomorrow.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Freshening west or northwest winds, cloudy, occasional rain, becoming fairer later though with occasional showers; rather cold, becoming cold.
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 ▲	Fresh or strong northwest winds; bright periods and wintry showers; cold.
17 N. W. Ireland ▲ 18 N. E. Ireland ▲ 19 S. E. Ireland 20 S. W. Ireland	As 7 - 11.

GENERAL INFERENCE.

A depression between The Faeroes and Shetland is moving slowly southeast. A belt of rain over Southern Scotland will travel south reaching Southern England during the night. Apart from this it will be mainly fair except for occasional scattered showers which will be of a wintry type in the North. It will be rather cold and temperature will tend to fall later.

FURTHER OUTLOOK.

Cold northerly winds and wintry showers.

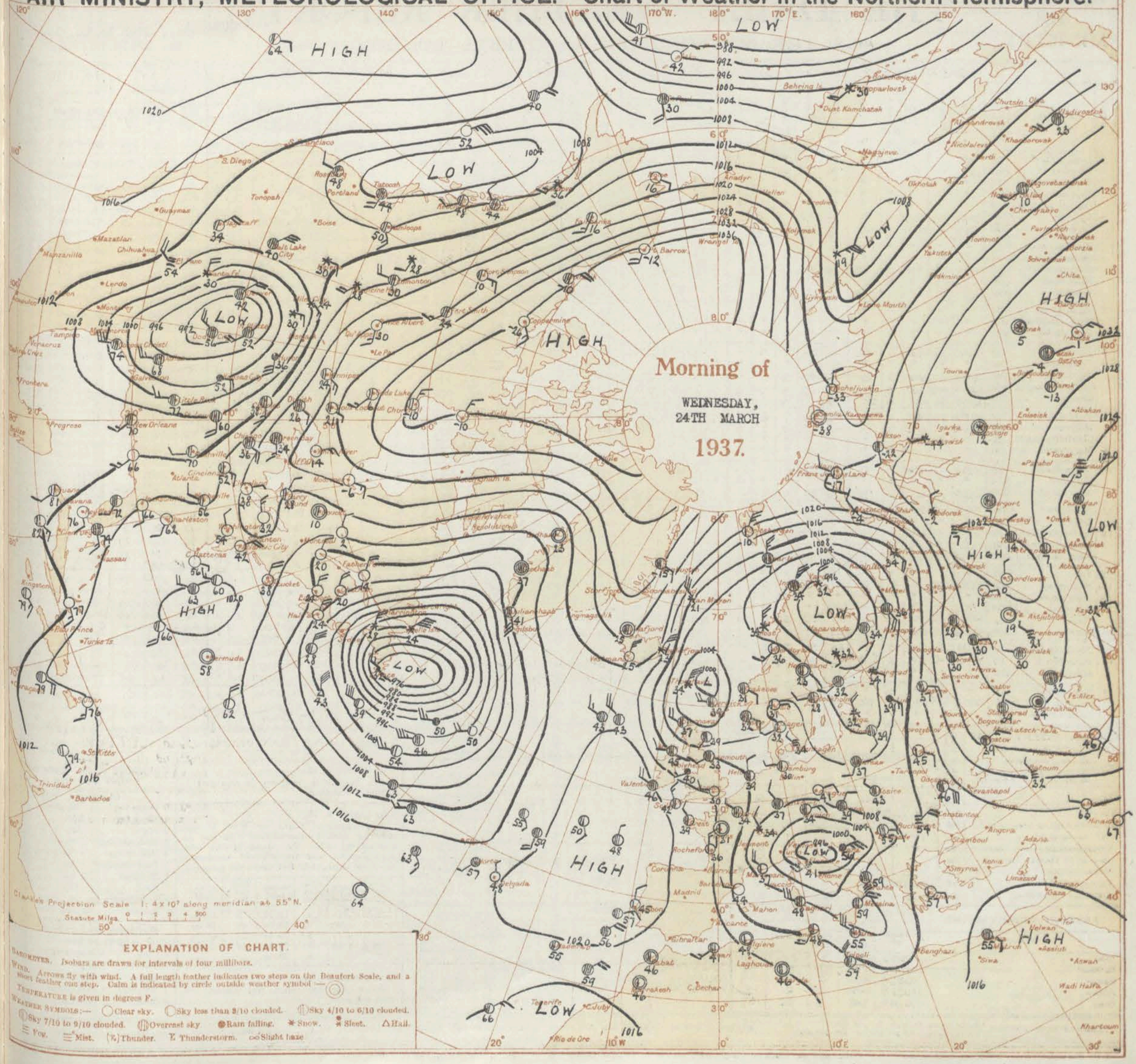
Times of issue of Gale Warnings.

▲ North Cone hoisted at 1930 on 23rd in districts 13, 15 (part of), Shetland, 17 and 18.

Forecasts issued at 1030 G.M.T.

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

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 24th March, 1937.
No. 27516.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud Form Low (9)	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	1033	+10	N	3	c	36	85	6	5	-	-	9+	9+	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1012.3	+10	NNW	4	c	36	85	7	8	-	-	9	9	800
	Manston ...	142	1011.6	+14	NNW	5	pr.	38	85	7	8	-	-	9	9	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1012.1	+6	NW	5	c	38	85	7	8	-	-	10	10	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1005.7	+16	NNE	3	bc	36	85	7	4	-	-	2-3	2-3	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1017.1	+12	NNW	3	b	35	85	8	2	-	-	1	1	2500
	Scilly (St. Mary's)	163	1018.2	+14	NE	4	bc	41	65	8	2	6	-	2-3	4-6	2500
	Guernsey ..	175	1014.9	+14	NNE	3	bc	38	75	8	2	-	-	4-6	4-6	2500
6	Pembroke ...	142	1015.6	+8	NNE	2	c	38	75	7	8	-	-	7-8	7-8	2500
7	Holyhead ...	26	1015.6	+2	NW	2	b	41	75	7	2	3	-	Tr	1	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1013.3	+2	WNW	3	b	36	85	6	-	-	-	0	0	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1012.9	0	W	3	bc	35	85	7	5	-	-	2-3	2-3	2500
11	Inchkeith ...	190	1011.2	-4	SW	2	c	36	92	7	5	-	-	9+	9+	1500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1014.7	+2	NW	3	c	40	85	8	-	3	-	0	7-8	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1008.0	-10	W	4	c	41	92	8	5	7	-	7-8	9+	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1006.5	-20	W	4	c	38	92	8	8	9	1	4-6	7-8	1500
16	Lerwick ...	156	1003.7	-32	SSW	5	ld.	37	97	8	8	2	-	7-8	10	800
17	Blacksod Point	18	1017.1	0	W	3	c	45	92	7	9	-	-	9	9	800
18	Malin Head ...	84	1013.2	-10	WN	2	c/r	45	97	7	9	-	6	4-6	10	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1020.1	0	W	3	bc	44	97	8	5	-	-	2-3	2-3	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1016.4	+8	WSW	1	z.	32	85	5	-	-	-	0	0	-	3	*
Croydon ...	1016.2	+14	W	2	z.	30	85	6	-	-	-	0	0	-	1	*
S. Farnborough	1016.9	+10	WN	1	z.	29	97	5	-	-	-	0	0	-	3	*
Boscombe Down	1017.5	+10	NW	1	z.	28	92	6	-	-	5	0	1	-	3	*
Calshot (Sthmtn.)	1016.9	+10	NWW	3	z.	30	92	5	-	3	-	0	Tr	-	3	r
Lympne ...	1015.1	+18	NNW	4	bc	33	85	7	5	-	-	4-6	4-6	1500	1	§ 1
Manston ...	1014.8	+18	NW	4	bc	38	75	8	5	-	-	4-6	4-6	1500	1	*
Shoeburyness ...	1015.3	+16	NW	2	b	33	85	6	-	-	-	0	0	-	1	*
Felixstowe ...	1015.0	+10	NNW	3	bc	35	85	8	5	-	-	2-3	2-3	5700	1	2
Gorleston ...	1014.3	+6	NNW	3	bc	36	85	6	5	-	-	2-3	2-3	2500	1	2
Mildenhall ...	1015.5	+6	SW	2	z.	30	97	6	-	-	-	0	0	-	3	*
Cranwell ...	1014.8	+4	WSW	2	z.	29	92	5	-	-	-	0	0	-	3	*
Birmingham ...	1016.3	+4	WNW	3	bc	33	75	6	-	3	1	0	2-3	-	1	*
Upper Heyford	1016.8	+8	W	1	z.	30	85	6	-	3	-	0	1	-	1	*
Ross-on-Wye	1017.1	+6	WSW	1	bc	29	85	9	5	7	-	1	2-3	4000	3	*
Portland Bill ...	1016.3	+10	NW	3	b	35	85	7	-	-	-	0	0	-	1	2
Plymouth ...	1018.6	+8	-	0	b	30	97	8	5	-	5	Tr	1	2500	3	0
The Lizard ...	1018.6	+6	WNW	1	bc	37	85	8	8	3	-	2-3	4-6	2500	3	2
Scilly (St. Mary's)	1019.5	+6	NNW	3	bc	42	65	8	2	6	-	2-3	4-6	2500	1	2
Guernsey ..	1017.5	+14	N	2	c	39	65	7	8	-	-	7-8	7-8	2500	1	3
Pembroke ...	1017.0	0	WNW	3	bc	42	65	8	5	6	-	2-3	4-6	4000	1	1
Holyhead ...	1015.5	-4	WSW	3	r.r.	40	92	7	6	2	-	4-6	10	1500	1	2
Chester (Sealand)	1015.0	0	S	1	c	31	85	7	5	-	-	7-8	7-8	5700	3	*
Manchester ...	1015.1	0	S	1	cf	31	97	3	5	3	-	2-3	9	7200	3	*
Spurn Head ...	1014.3	0	W	4	m/f	34	85	4	5	-	-	4-6	4-6	150	3	3
Catterick ...	1012.5	-10	SW	1	c	31	85	8	-	5	-	0	7-8	-	3	*
Tynemouth ...	1011.6	-10	WSW	2	c	33	85	6	5	-	-	9+	9+	1500	3	1
Inchkeith ...	1008.7	-14	SW	4	c	38	92	8	5	7	-	4-6	9	2500	1	2
Leuchars ...	1007.7	-20	WSW	3	c	37	92	7	5	7	-	4-6	9	4000	1	*
Renfrew (Abbots I.)	1009.5	-12	SW	2	ir.	41	92	6	5	2	-	7-8	10	1500	1	*
Eskdalemuir ...	1011.4	-12	SSE	3	m/s	32	97	4	5	-	-	10	10	150	8	*
Point of Ayre...	1012.8	-8	WNW	4	c	41	97	8	3	7	-	2-3	9	800	1	2
Tiree	1009.4	-8	NW	4	ir.	41	92	7	9	-	-	9	9	1500	1	3
Stornoway ...	1006.0	-4	WNW	4	bc/pr	34	85	8	3	7	3	4-6	4-6	2500	1	2
Dalwhinnie ...	1007.6	-20	SW	3	ir.	36	85	7	4	6	-	7-8	10	2500	9	*
Aberdeen ...	1005.5	-16	SW	2	c	39	75	8	5	7	-	4-6	9+	4000	3	1
Wick ...	1003.3	-12	W	3	c	35	97	8	9	7	-	4-6	7-8	800	1	2
Lerwick ...	1000.1	-8	W	4	c/pr	39	92	8	9	7	-	7-8	9	1500	1	*
Blacksod Point	1016.6	0	W	3	c	45	92	8	8	-	-	7-8	7-8	1500	1	3
Malin Head ...	1011.9	-6	W	2	c	45	97	7	9	1	-	7-8	9	1500	1	1
Aldergrove ...	1013.2	-6	SW	3	c/r	39	97	8	5	7	-	4-6	10	800	1	*
Birr Castle ...	1016.6	-2	SW	1	c/r	42	97	7	5	1	-	7-8	10	2500	1	*
Valentia Obsy. †	1020.4	+4	WNW	4	c	46	85	8	5	-	-	10	10	1500	1	2
Roches Point	1018.9	0	N	4	c	44	85	8	8	1	-	7-8	9	1500	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 23rd Hrs. (36)
London (Kew)	42	31	23	-	0.1	6.0
Croydon ...	42	30	26	-	Tr	4.5
S. Farnborough	44	26	19	0.1	0.5	4.7
Boscombe Down	42	27	23	0.3	-	6.1
Calshot (Sthmtn.)	42	30	27	1	-	0.6
Lympne ...	42	32	29	Tr	Tr	8.6
Manston ...	43	36	33	-	0.1	9.7
Shoeburyness ...	46	31	28	-	Tr	8.5
Felixstowe ...	44	33	30	-	0.5	7.6
Gorleston ...	41	35	33	Tr	0.1	5.3
Mildenhall ...	43	29	22	3	1	3.1
Cranwell ...	40	28	23	0.3	-	1.6
Birmingham ...	41	30	25	0.5	-	4.6
Upper Heyford	42	29	24	0.3	0.2	*
Ross-on-Wye	42	27	16	0.1	-	4.1
Portland Bill ...	43	34	*	0.1	-	*
Plymouth ...	43	30	21	Tr	-	10.0
The Lizard ...	45	34	*	1	-	*
Scilly (St. Mary's)	46	40	*	0.5	-	4.4
Guernsey ..	42	37	33	2	-	4.5
Pembroke ...	45	34	*	Tr	-	9.6
Holyhead ...	43	37	29	-	1	10.4
Chester (Sealand)	44	28	20	-	-	7.2
Manchester ...	43	28	20	-	-	8.0
Spurn Head ...	40	32	*	2	-	1.3
Catterick ...	41	27	19	0.3	-	7.5
Tynemouth ...	40	32	29	Tr	-	10.4
Inchkeith ...	43	34	30	0.5	0.4	6.9
Leuchars ...	45	31	21	-	-	8.8
Renfrew (Abbots I.)	46	33	27	1	1	5.3
Eskdalemuir ...	43	24	20	0.3	1	8.9
Point of Ayre...	41	38	*	-	1	10.7
Tiree	46	40	39	-	2	8.7
Stornoway ...	45	36	*	0.1	1	2.2
Dalwhinnie ...	39	25	24	2	0.5	1.1
Aberdeen ...	43	32	25	0.3	-	5.5
Wick ...	42	32	*	0.6	1	*
Lerwick ...	43	36	*	Tr	2	7.7
Blacksod Point	46	37	*	-	1	*
Malin Head ...	44	40	*	-	1	8.9
Aldergrove ...	45	32	25	Tr	4	5.3
Birr Castle ...	46	31	21	-	0.1	7.0
Valentia Obsy. †	47	42	39	0.1	-	3.9
Roches Point	45	39	*	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	bcc	bcc	rs.cxbm	42	31	23	-	0.1	6.0	*	*	5
Croydon ...	217	bcz.yc	bcz.yc	rz.bxm.	42	30	26	-	Tr	4.5	*	*	5
Greenwich (Royal Observatory) ...	149	cy	cbcy	cd.s.bf	43	30	21	-	Tr	5.4	57	61	3
City (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	7.0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	45	33	27	-	-	5.7	51	71	*
Regents Pk. (Botanic Gardens)‡ ...	168	*	*	*	43	31	24	Tr	Tr	7.2	73	81	*
Camden Square ...	110	bc	bcc	*	44	32	25	-	0.3	*	*	67	*
Kensington ...	80	bxbz	bc	*	43	32	26	-	0.2	5.7	At 18h. 72	67	*
Hampstead Observatory ...	480	bcs	bcs	osbc	41	27	18	0.4	0.4	7.2	*	75	*

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

South Kensington Max.	Time.	Min.	Time.
0.4	18-21h 23rd	<0.3	1-4h 24th

Kew Observatory Max.	Time.	Min.	Time.
0.4	8h 23rd	<0.1	24h 23rd

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 23rd March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 24th March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris ...	1007.0	ENE	2	c	39	1013.5	NW	1	c	34	45	32	Tr	0.1
Brussels ...	1007.1	NW	2	c	37	1012.3	NNE	2	z.	36	45	28	-	-
Berlin ...	1002.4	NNW	3	rf	34	1009.7	-	0	z.	36	37	34	18	0.4
Zürich ...	1005.9	NNE	1	c	41	1004.6	NNW	1	s. s.	34	48	32	Tr	5
Rome ...	1005.1	SSE	5	bc	57					36	*	*	-	

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

		Objects not visible at
0	Dense fog	55 yards.
1	Thick fog	220 ,,
2	Fog	550 ,,
3	Moderate fog	1,100 ,,
4	Mist or haze	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 25th March, 1937.
No. 27517

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	°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)	1016·2	−10	W	3	c	46	55	7	5	-	2	4-6	7-8	4000
	Croydon	1015·8	−20	W	3	c	48	45	6	1	-	-	7-8	7-8	4000
	S. Farnborough	1016·4	−10	WSW	3	c	49	45	7	1	-	5	4-6	7-8	4000
	Boscombe Down	1017·5	−6	W'S	4	c	45	65	7	7	2	-	4-6	9+	2500
	Calshot (Sthmtn.)	1017·4	−6	WNW	3	c	46	55	8	7	-	5	4-6	7-8	4000
	Lympne	1016·1	−6	W	2	zo	46	45	6	1	-	-	1	1	4000
	Manston	1015·7	−4	W	3	b	46	45	6	-	-	-	0	0	-
2	Shoeburyness	1015·5	−6	W'N	3	b	49	45	6	1	-	-	1	1	2500
	Felixstowe	1015·2	−10	WSW	3	bc	48	45	8	1	2	-	1	2-3	2500
	Gorleston	1015·0	−4	SWW	3	bc	45	55	6	1	-	-	4-6	4-6	2500
	Mildenhall	1014·8	−10	WSW	3	c	46	55	7	2	3	4	4-6	7-8	4000
	Cranwell	1013·8	−10	W'S	4	ido	44	75	6	5	3	6	4-6	9+	2500
3	Birmingham	1015·1	−6	W	4	c	44	65	7	6	2	-	4-6	9	1600
	Upper Heyford	1015·9	−10	W'S	4	c	47	65	8	1	-	6	2-3	9+	2500
4	Ross-on-Wye	1015·6	−4	W	3	pro	47	65	8	7	1	7	2-3	9+	4000
5	Portland Bill	1018·4	+6	W	3	c	45	76	8	4	-	2	2-3	7-8	2600
	Plymouth	1019·2	−6	W'N	3	c	47	65	8	5	-	-	9+	9+	1600
	The Lizard	1019·7	0	W'S	4	c/pr	46	85	8	8	2	-	9	10	2600
	Scilly (St. Mary's)	1020·9	+2	NWW	4	c/r	48	92	8	8	7	-	7-8	9	1500
	Guernsey	1020·0	+8	NNW	2	bc	46	45	7	-	1	-	0	4-6	-
6	Pembroke	1016·4	−2	WNW	4	q	45	92	7	5	6	-	7-8	9+	2500
7	Holyhead	1013·9	−10	W	4	c/d	46	92	8	6	7	-	7-8	9+	1500
	Chester (Sealand)	1013·7	−8	SW	3	c	47	65	8	5	7	-	4-6	9+	2600
8	Manchester	1013·3	−14	W'S	3	iro	44	85	7	5	7	-	9	10	2500
10	Spurn Head	1012·2	−10	WSW	4	c	43	75	6	5	2	-	7-8	10	1500
	Catterick	1009·9	−12	W'S	4	c/r	44	75	8	5	7	-	4-6	9+	2500
	Tynemouth	1008·5	−12	W	3	c	45	75	6	5	7	-	9	9	1600
11	Inchkeith	1006·3	−14	WSW	5	c	43	85	8	2	-	-	7-8	7-8	4000
	Leuchars	1005·0	−14	WNW	4	bc	43	65	9	8	-	-	2-3	2-3	2500
12	Renfrew (Abbots I.)	1007·9	−2	NW'W	3	c	43	75	9	2	6	1	7-8	7-8	4000
	Eskdalemuir	1007·8	−18	W'S	5	iR	41	85	7	6	6	6	7-8	9+	800
	Point of Ayre	1011·3	−10	W'N	5	c	47	92	8	2	6	-	2-3	9	1500
13A	Tiree	1009·6	0	NW	5	bc	45	75	8	8	-	8	2-3	2-3	1500
13B	Stornoway	1008·8	0	NW	6	c/phr	41	85	8	8	7	-	7-8	9	1500
15	Dalwhinnie	1005·9	−2	WSW	4	c	38	75	7	3	6	-	7-8	10	2500
	Aberdeen	1003·5	−14	W'N	5	bc	45	56	8	2	-	-	2-3	2-3	4000
	Wick	999·0	−28	WSW	5	c	43	75	8	8	7	-	7-8	9	1500
16	Lerwick	998·7	−8	SW	3	c/ps	41	75	8	8	8	-	4-6	7-8	1500
17	Blacksod Point	1016·4	−4	WNW	4	c	48	75	8	8	-	-	7-8	7-8	1500
18	Malin Head	1012·0	+4	NW	3	c	45	97	7	9	-	4	4-6	7-8	2500
	Aldergrove	1012·4	−8	WNW	4	pro	48	75	8	9	-	8	9	9+	1500
19	Birr Castle	1016·7	−4	W	2	ir	45	85	7	6	2	-	4-6	10	1500
20	Valentia Obsy. †	1020·6	−4	W'N	4	c	48	75	9	5	1	-	7-8	10	1500
	Roches Point	1019·3	0	NW	4	c	50	65	9	8	1	-	4-6	7-8	1500

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud Form Low (23)	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)	1014·7	−6	WSW	3	zo	46	65	6	5	-	-	10	10	1500	1	*
Croydon	1014·6	−6	WSW	3	c	46	65	6	5	-	-	10	10	1000	1	*
S. Farnborough	1015·4	−4	W	3	c/r	46	75	7	5	2	-	9	10	1500	1	*
Boscombe Down	1016·1	−6	W'S	4	c	44	85	7	5	2	-	9	10	1500	1	*
Calshot (Sthmtn.)	1016·4	−2	SW	3	c	45	85	7	5	7	-	9	10	2500	1	§ 2
Lympne	1015·8	+2	SW	3	c	43	75	7	-	7	7	0	10	-	1	4
Manston	1014·7	−2	WSW	3	zo	46	55	6	-	3	7	0	10	-	1	*
Shoeburyness	1014·6	−2	WSW	3	zo	46	65	5	5	-	-	10	10	4000	1	*
Felixstowe	1014·2	−6	WSW	3	zo	47	55	6	5	2	-	7-8	10	2500	1	2
Gorleston	1012·3	−14	SW	3	c	45	75	6	5	-	-	10	10	2500	0	2
Mildenhall	1012·9	−10	WSW	3	c	46	75	8	5	7	-	7-8	10	2500	1	*
Cranwell	1011·4	−10	W'S	4	c	44	85	7	5	7	-	4-6	9+	4000	1	
Birmingham	1013·1	−6	WSW	3	c	43	85	6	5	7	6	4-6	9+	1500	1	*
Upper Heyford	1014·8	−6	W	4	c	45	85	7	5	7	-	9	10	1500	1	*
Ross-on-Wye	1014·4	−8	W'S	3	c	46	75	8	8	7	8	7-8	9+	2500	1	*
Portland Bill	1016·5	−10	W	4	c	46	92	8	4	-	-	7-8	7-8	2500	1	3
Plymouth	1018·2	−2	WNW	2	c	48	85	8	6	7	9	4-6	9+	2500	1	1
The Lizard	1019·4	0	W'N	4	c	47	85	8	8	7	-	7-8	9	2500	1	2
Scilly (St. Mary's)	1020·2	0	NW'W	5	jp	47	75	8	8	7	-	7-8	9+	1500	1	3
Guernsey	1019·3	0	WNW	3	o	46	75	8	5	-	-	10	10	4000	1	3
Pembroke	1015·6	−4	W'N	6	q	46	85	7	5	7	-	2-3	9+	4000	1	3
Holyhead	1013·0	−6	W'N	4	c	45	85	8	9	9	-	7-8	9+	2500	1	2
Chester (Sealand)	1012·2	−10	W	6	PR	47	65	6	5	7	9	7-8	9+	2500	1	*
Manchester	1011·5	−6	W'N	4	roro	42	85	6	6	7	-	7-8	10	2500	1	
Spurn Head	1009·5	−14	SW	4	c	42	85	6	5	2	-	4-6	9	1500	1	3
Catterick	1008·4	−6	W	4	pro	42	85	8	9	4	-	7-8	9	1500	1	*
Tynemouth	1006·5	−8	W	3	bc	44	55	6	2	-	-	2-3	2-3	1600	1	1
Inchkeith	1003·6	−8	SW	6	bc	42	75	8	5	-	-	4-6	4-6	2500	0	4
Leuchars	1002·9	−10	W	5	b	44	55	9	1	-	-	Tr	Tr	2500	1	*
Renfrew (Abbots I.)	1007·7	+2	WNW	4	bc/pr	42	75	8	2	6	-	2-3	2-3	4000	1	*
Eskdalemuir	1007·4	−2	W'N	5	jp	38	75	8	7	-	5	2-3	2-3	1500	1	4
Point of Ayre	1011·0	−2	NW'N	5	bc	42	92	8	2	4	7	1	4-6	2500	1	3
Tiree	1010·9	+12	NW'N	4	c/r	40	92	7	9	-	-	9+	9+	800	1	4
Stornoway	1008·8	+32	N	7	c/pr	39	75	8	5	7	-	7-8	9	1500	1	4
Dalwhinnie		−2	W	4	iso	35	85	6	3	6	-	7-8	9	2500	9	*
Aberdeen	1000·2	−14	W	6	bc	41	65	8	5	-	-	2-3	2-3	1500	1	2
Wick	998·6	+10	NW	5	c	39	92	8	8	7	-	4-6	7-8	1500	1	3
Lerwick	999·2	+6	ENE	3	c	39	85	8	8	7	-	7-8	9	800	1	
Blacksod Point	1016·4	0	NW	3	c	44	92	8	8	-	-	7-8	7-8	1500	1	3
Malin Head	1012·9	+4	NW	4	jp	42	97	8	8	-	-	4-6	4-6	2500	0	3
Aldergrove	1012·6	+2	NW'W	4	b	43	65	8	8	-	2	1	1	2500	1	*
Birr Castle	1015·8	−4	W	2	c/r	46	85	7	6	2	-	4-6	10	1500	1	*
Valentia Obsy. †	1020·1	−2	NW	2	c/pr	46	85	8	5	-	-	9+	9+	1500	1	2
Roches Point	1018·4	−4	WNW	4	c/pr	47	75	8	3	1	7	2-3	9+	1500	1	3

PAST 24 HOURS.

Stations	Weather 7h.—18h. 24th (37)	Weather 13h.—18h. 24th (38)	Weather 18h. 24th to 1h. 25th (39)	Weather 1h.—7h. 25th (40)
London (Kew)	bmobc	czo	cmoro	rocbc
Croydon	bmobzbc	ybczoyczo	czmo	crorocprhb
S. Farnborough	mobbcy	bcycroc	cbc	bcbx
Boscombe Down	bmobbc	bc	c	cbc
Calshot (Sthmtn.)	bmobcy	bcyc	cbq	bcbm
Lympne	bbzy	bzoy,c	c	cirb
Manston	bcbzoy	b,czoy	czoyodo	ocrorob
Shoeburyness	bzoy	bczoyo	omodd	oddbx
Felixstowe	bcy	bcycy	crrroroc	cbcb
Gorleston	bc	bcc	oroc	cbzo
Mildenhall	bmobmbcy	bcyc	croroc	c,b
Cranwell	bbccdo	czocpro	cbcb	bx
Birmingham	bcc	c	circ	cbc
Upper Heyford	bmoxbcq	cqc	crorobc	bc
Ross-on-Wye	bbcc	cpro	c	cbwbc
Portland Bill	bc	c	c	c
Plymouth	bxmomo	cproiroc	cbc	bccirororo
The Lizard	bcpro	cproc	cprqc	cprrr
Scilly (St. Mary's)	bccir	cpobcc	cpoc	croro
Guernsey	bcbbc	bcco	ocbc	bcprc
Pembroke	bcmoprqc	cq	cbcqc	bcqc
Holyhead	rororc	iroc	cprobc	bcpro
Chester (Sealand)	cxrozoc	cprzopRq	cPRHb	bbc
Manchester	cfsoroiro	crddR	rororrc	iropro
Spurn Head	fmc	cproc	bc	qbbc
Catterick	xcroc	cycpr	cbcb	b
Tynemouth	cm	cirbc	bc	bc
Inchkeith	c	cbc	bc	bcbc
Leuchars	cprobc	bcyq	bcqy	bcq
Renfrew (Abbots I.)	cprobc	ybcpro	bcprob	b
Eskdalemuir	orsir	prqbc	bcbx	bx
Point of Ayre	crrc	cprbc	bc	bc
Tiree	rophr	bcciR	brbc	bc
Stornoway	bccprphrq	cpry	phrqps	cps bc
Dalwhinnie	irisc	rciso		ciS
Aberdeen	cbcpro	byb	prsPS	cprs
Wick	cprc	cprcq	cprs	oiRc
Lerwick	cpsh	cpro	bccpr	rrcis
Blacksod Point	prc	prc	cbc	bc
Malin Head	cpro	cprbc	cpqc	bc
Aldergrove	circro	cproroq	b,cprbc	bcbx
Birr Castle	cir	cir	circ	cx
Valentia Obsy. †	cproc	proprc	prroro	croro
Roches Point	cv	cproc	cproc	croro

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.
s, storm of drifting snow.
s/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.

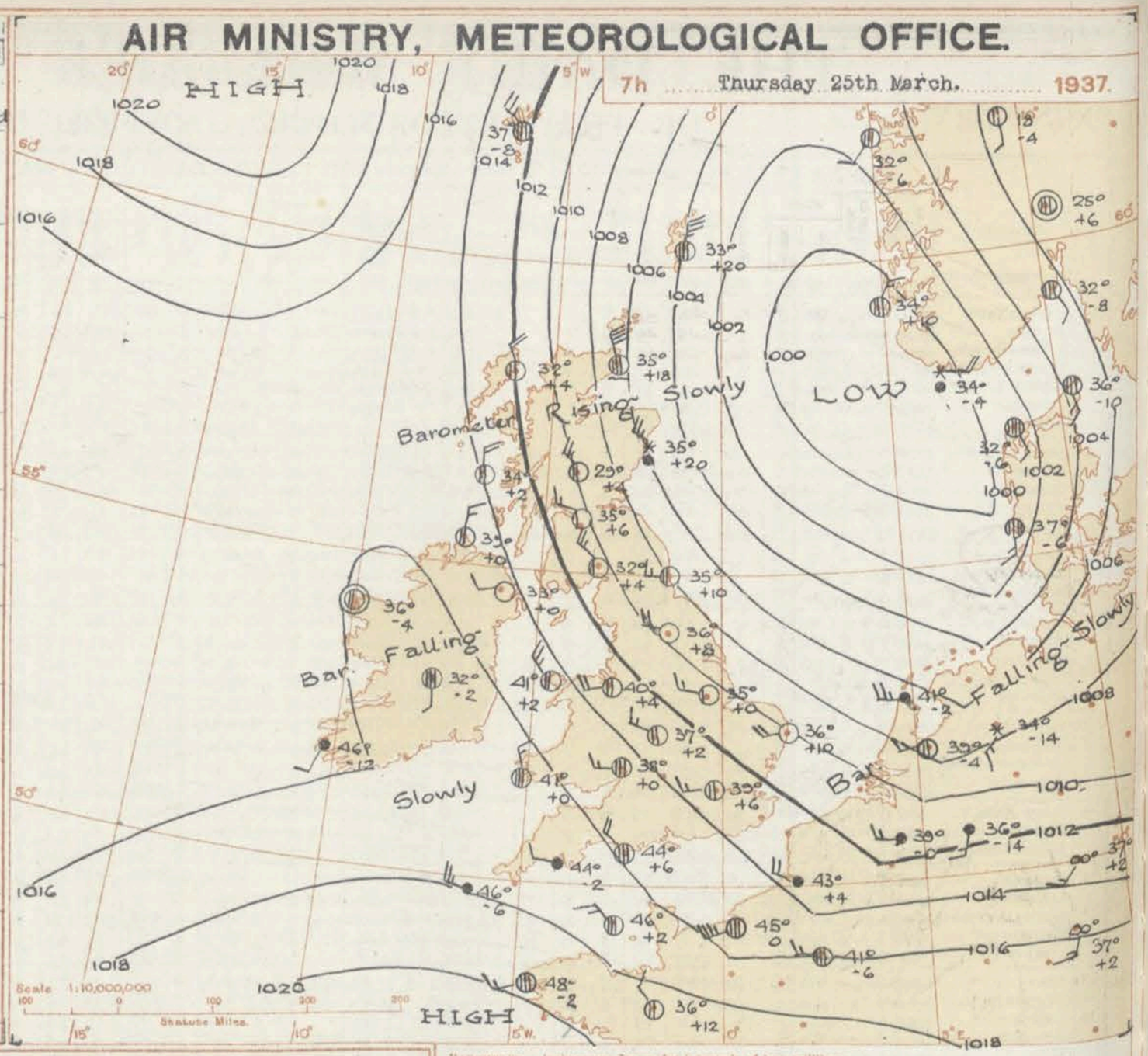
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 24th March 1937.

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	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.	b	bbco	32	48	-	-	9·2	7·8
	Bournemouth	b	bbco	29	50	0·3	-	7·4	4·0
	Ventnor ...	xbz	bbcu	31	47	-	-	8·7	0·5
	Southsea ...	b	bbco	31	50	-	-	8·3	0·5
	Bognor Regis	b	bbco	32	49	-	-	9·2	0·0
	Littlehampton	bbc	bcc	31	48	-	-	9·6	0·6
	Worthing ...	b	bbcc	32	50	-	-	9·8	3·2
	Brighton ...	b	bbc	33	48	Trace	-	9·0	5·6
	Eastbourne† ...	bybcy	bcyc	34	50	-	-	9·0	8·4
	Hastings† ...	b	bcbbc	33	50	-	-	9·7	9·0
	Folkestone ...	b	bbcc	35	49	Trace	-	8·7	10·0
	Dover ...	ybcb	byc	36	50	-	-	9·2	10·1
	Deal	bcb	bbcc	37	49	-	-	7·8	9·4
	Ramsgate ...	b	bbcc	38	49	0·4	-	7·5	9·6
	Margate ...	bc	bcc	36	47	Trace	-	8·1	10·0
2	Southend ...	b	bbcco	32	51	Trace	-	8·4	9·9
	Maldon ...	b	bo	33	50	-	-	9·2	7·3
	Clacton-on-Sea	bbc	bcc	31	48	0·3	-	9·6	8·2
	Dovercourt ...	bcvbv	coc	34	48	Trace	-	8·8	7·1
	Lowestoft ...	b	bbcc	34	50	-	-	7·4	5·4
	Skegness ...	b	crc	29	46	Trace	0·1	4·9	1·3
	Mablethorpe...	mbcc	cop	27	46	-	Trace	4·1	1·5
	Cleethorpes ...	bcc	cor	29	46	-	Trace	4·0	1·4
3	Leamington S.	bcc	c	28	47	-	-	3·2	6·1
4	Cheltenham†	bcgc	c	26	45	1	-	4·8	6·6
5	Bath	bbc	bccp	28	47	-	Trace	4·6	6·3
	Weymouth ...	b	bc	28	49	-	-	7·4	7·0
	Jersey ...	rccbc	bbc	34	47	1	-	9·7	2·4
	Torquay ...	wbbc	bcco	29	51	-	-	5·8	9·3
	Penzance ...	bbcbc	bcc	34	53	-	Trace	6·4	10·1
	St. Ives ...	c	c	40	49	-	-	2·5	7·7
	Bude... ...	bcc	crc	28	48	1	Trace	2·4	7·6
	Ilfracombe ...	cbc	pbcco	31	47	-	0·5	2·9	7·1
6	Aberystwyth	oprs	cpr	29	45	0·5	1	0·1	10·1
7	Llandudno ...	or	roc	34	47	0·2	0·2	0·1	10·2
	Colwyn Bay...	c	cpc	33	48	-	0·3	0·1	9·1
	Rhyl	cr	crc	30	49	Trace	0·1	0·2	8·5
8	Wallasey ...	p	ir	34	47	0·3	0·5	0·6	9·4
	Southport ...	rcor	rocpr	34	44	-	1	0·0	10·7
	Blackpool ...	op	opc	37	44	0·5	0·3	0·0	10·5
	Morecambe ...	obcc	bccir	29	45	1	3	0·4	11·5
9	Ilkley... ...	cpcp	cpcp	28	46	Trace	2	0·3	8·1
	Harrogate ...	c	cbcp	30	44	-	0·2	0·9	7·2
10	Berwick-on-T.	c	bcb	32	47	0·2	-	5·2	8·6
11	Dunbar ...	bcx	bc	32	49	-	-	6·8	6·7
12	Troon... ...	crcbc	cbcbc	35	46	5	1	2·5	4·3
	Douglas ...	cpr	cb	34	46	1	3	0·5	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. 25th March, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Moderate westerly winds falling light; fine at first but cloud spreading from southwest with occasional rain later; average temperature, local ground frost at night.
5 S.W. England 6 South Wales ...	Moderate westerly or southwesterly winds; cloudy with rain at times, becoming fairer later; average temperature.
7 North Wales ... 8 N.W. England	Light variable winds; mainly fair at first; but with rain spreading from southwest later; average temperature.
9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Fresh northwesterly winds, moderating; bright periods; occasional showers; rather cold.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B. N.W. Scotland.	Moderate northerly winds falling light; bright periods with occasional scattered showers at first; cold, ground frost at night.
14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Strong northerly winds moderating; bright periods and occasional wintry showers; cold, frost at night.
17 N. W. Ireland 18 N. E. Ireland	As 6 - 8.
19 S. E. Ireland 20 S. W. Ireland	As 5.

GENERAL INFERENCE.

A depression over the eastern North Sea is moving slowly southeast and a belt of rain over Southern Ireland and Southwest England will move slowly eastwards. There will be bright periods with occasional wintry showers in the North but temperatures will be low. In the South temperatures will be about the average for the season.

FURTHER OUTLOOK.

Rainy in the South; fair periods in the North.

TIMES OF ISSUE OF GALE WARNINGS.

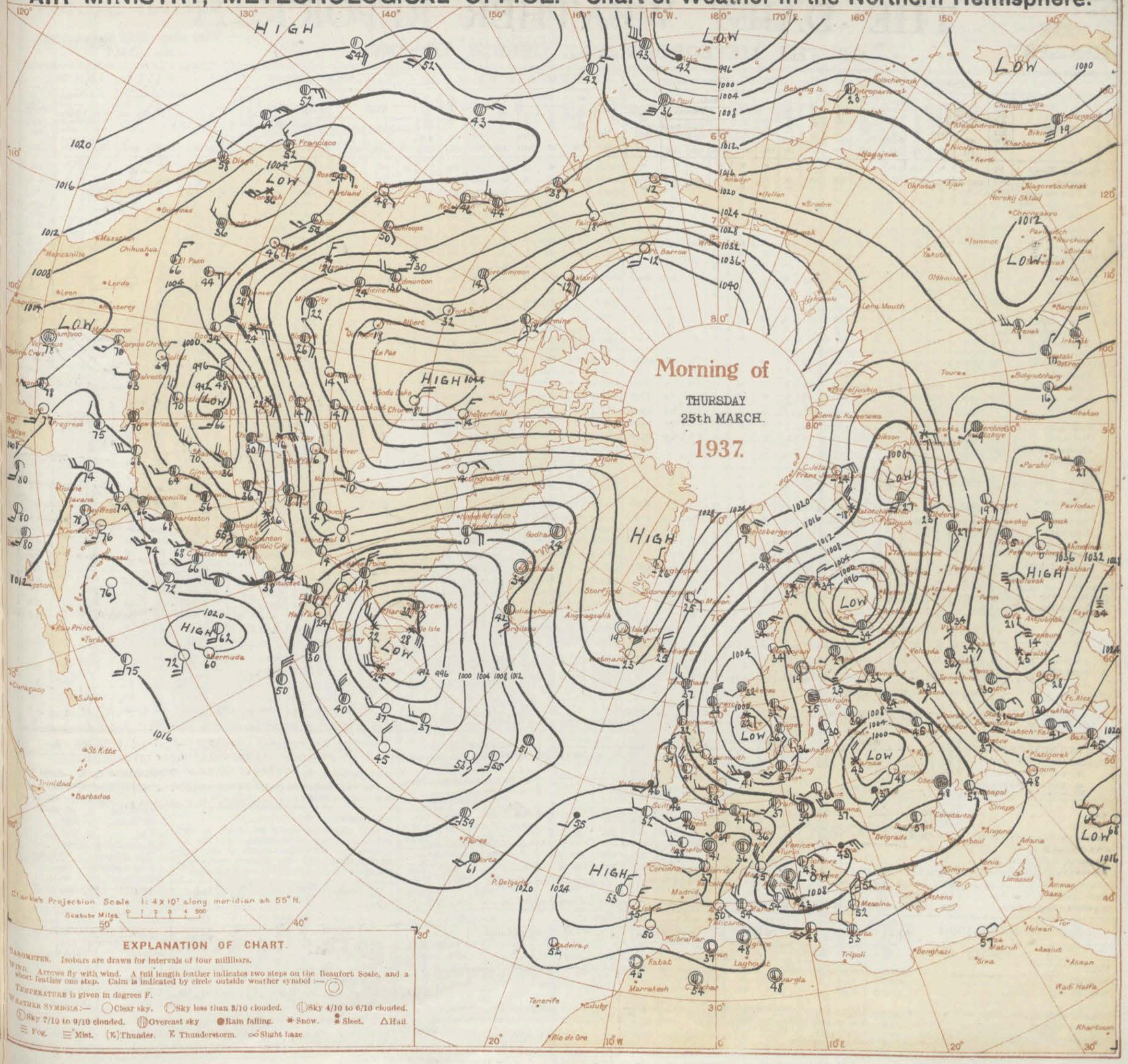
North Cone hoisted 1930 on 23rd in dists. 13, 15, 16 (part of)

North Cone hoisted 1900 on 24th in dists. 2, 10, 16 (part of).

Forecasts issued at 10.30 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 25th March, 1937.
No. 27517

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	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	1012.6	-10	W'N	4	r.r.	43	85	6	5	-	-	10	10	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1013.2	-14	NSW	3	ir.	42	85	7	5	7	-	7-8	10	2500
	Manston ...	142	1011.8	-14	SW	4	r.r.	43	85	6	6	2	-	4-6	10	450
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1008.2	-10	W	4	c	42	92	6	3	-	-	3+	3+	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1015.3	-14	WNW	4	c	45	82	8	4	-	-	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1018.2	-4	W'N	4	c	46	85	8	8	6	-	4-6	7-8	1500
	Scilly (St. Mary's)	163	1015.8	-4	NW	5	c	46	85	8	8	4	3	4-6	7-8	2500
	Guernsey ..	175	1018.3	-6	WNW	4	bc	46	75	8	7	3	-	4-6	4-6	2500
6	Pembroke ...	142	1015.2	0	WNW	4	q	44	92	7	5	2	-	4-6	7-8	4000
7	Holyhead ...	26	1013.8	+2	NW	5	bc	42	85	8	2	-	-	4-6	4-6	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1007.9	-6	W'N	6	q	38	85	6	-	-	-	0	0	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1006.4	+4	W	5	bc	37	75	7	2	-	-	2-3	2-3	1500
11	Inchkeith ...	190	1008.4	+6	SW	6	bc	38	85	8	5	-	-	4-6	4-6	4000
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1012.0	+4	NNW	5	bc	41	92	8	1	-	-	4-6	4-6	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1011.9	+8	NNW	6	ps	34	97	6	8	7	-	7-8	9	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1008.9	+18	NNW	6	prs	37	97	8	6	2	-	7-8	10	800
16	Lerwick ...	156	1000.6	0	N	5	ir	36	97	7	3	2	-	3	10	800
17	Blacksod Point	18	1017.6	0	NW	2	bc	40	85	8	1	-	1	1	2-3	1500
18	Malin Head ...	84	1014.9	+8	N	2	c	40	97	7	5	-	-	7-8	7-8	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1015.8	0	WNW	2	ir	44	97	7	5	-	-	3+	3+	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 25th March

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)	1013.5	+6	W	2	bc	39	85	7	5	4	1	Tr	2-3	2500	1	*
Croydon ...	1013.2	+6	W	3	bc	39	85	8	-	6	2	0	2-3	-	1	*
S. Farnborough	1013.9	+8	W	2	bc	38	85	7	-	-	4	0	2-3	-	1	*
Boscombe Down	1014.9	+8	W'N	3	bc	35	92	7	-	-	1	0	4-6	-	1	*
Calshot (Sthmtn.)	1014.7	+8	W'N	3	bc	39	92	7	2	4	4	Tr	4-6	2500	1	2
Lympne ...	1013.5	+10	WNW	2	b	37	85	7	2	4	-	Tr	1	2500	1	2
Manston ...	1012.1	+6	WNW	4	b	39	75	7	3	-	-	Tr	Tr	2500	1	*
Shoeburyness ...	1012.5	+8	W'S	2	b	30	85	7	-	-	-	0	0	-	1	*
Felixstowe ...	1011.6	+4	W	4	b	39	75	7	-	-	-	0	0	-	1	2
Gorleston ...	1009.9	+10	W'S	4	b	36	85	6	-	-	-	0	0	-	1	2
Mildenhall ...	1011.2	+4	W	4	b	36	92	7	-	-	-	0	0	-	1	*
Cranwell ...	1010.8	0	W'N	3	b	35	85	7	-	4	-	0	Tr	-	3	*
Birmingham ...	1013.5	+2	WNW	3	bc	37	75	6	5	-	1	1	2-3	2500	1	*
Upper Heyford	1013.8	+6	WNW	2	bc	37	85	9	-	4	1	0	2-3	-	1	*
Ross-on-Wye	1014.3	0	W	3	c	38	75	8	4	-	6	2-3	7-8	4000	1	*
Portland Bill ...	1015.5	+6	NW	4	c	44	85	8	4	-	-	7-8	7-8	2500	1	3
Plymouth ...	1016.5	-2	W'N	2	r.r.	44	97	6	6	7	-	7-8	9+	1500	1	1
The Lizard ...	1016.9	-4	W'N	2	rr	43	97	8	5	-	-	10	10	1500	1	2
Scilly (St. Mary's)	1017.6	-6	WNW	5	r.r.	46	92	7	9	7	-	9	10	1500	1	3
Guernsey	1017.9	+2	NW	3	c	46	85	9	8	1	-	4-6	9	2500	1	3
Pembroke ...	1015.1	0	NNW	3	c	41	85	7	7	7	-	4-6	9+	4000	1	3
Holyhead ...	1014.2	+2	NW	5	bc/pr	41	85	8	2	-	5	2-3	4-6	2500	1	3
Chester (Sealand)	1013.0	+4	W'S	4	bc	40	75	7	8	-	-	4-6	4-6	2500	1	*
Manchester ...	1012.5	+6	W'N	4	c/pr	37	85	6	8	-	-	7-8	7-8	2500	1	*
Spurn Head ...	1008.3	+2	WNW	6	b	37	85	7	-	7	-	0	1	-	0	4
Catterick ...	1003.3	+8	WNW	4	b	36	75	8	-	4	-	0	Tr	-	1	*
Tynemouth ...	1007.9	+10	N	3	bc	35	75	8	2	-	-	2-3	2-3	1500	1	1
Inchkeith ...	1003.1	+6	WSW	4	bc	37	75	8	5	-	-	4-6	4-6	4000	0	3
Leuchars ...	1008.1	+12	NW	4	bc	35	75	9	4	-	-	2-3	2-3	4000	1	*
Renfrew (Abbots L.)	1010.9	+6	NW'W	3	b	35	75	9	4	-	-	Tr	Tr	5700	1	*
Eskdalemuir ...	1009.8	+4	NW	5	b	32	75	9	4	-	-	Tr	Tr	2500	4	*
Point of Ayre...	1012.5	+4	NNW	6	b	39	92	8	2	-	-	1	1	4000	1	3
Tiree	1013.5	+2	N	4	bc/ps	34	85	8	8	6	-	4-6	4-6	1500	0	3
Stornoway ...	1012.7	+4	NNW	4	bc	32	92	8	5	7	-	2-3	4-6	1500	4	2
Dalwhinnie ...	1010.6	+4	NW	5	bc	29	85	7	43	6	-	2-3	4-6	2500	9	*
Aberdeen ...	1006.0	+20	NW	5	prs	35	92	7	9	3	-	7-8	9	800	1	1
Wick ...	1006.9	+18	NNW	6	c	35	85	7	8	7	-	7-8	10	800	1	4
Lerwick ...	1008.9	+20	NNE	7	c/s	33	92	7	9	2	-	7-8	10	800	1	*
Blacksod Point	1016.3	-4	-	0	bc	36	92	9	2	-	4	2-3	4-6	1500	0	2
Malin Head ...	1015.2	0	N	3	bc	39	97	8	2	-	-	2-3	2-3	2500	0	3
Aldergrove ...	1014.4	0	W	2	bc	33	97	8	5	3	1	2-3	2-3	2500	1	*
Birr Castle ...	1016.2	-2	S	1	c	32	97	8	5	1	-	4-6	10	2500	1	*
Valentia Obsy. †	1015.4	-12	SW'S	2	r.r.	46	92	7	5	2	-	7-8	10	450	1	2
Roches Point	1016.5	-8	-	0	r.r.	42	97	8	6	2	-	1	10	1500	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 mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 24h. Hrs. (36)
London (Kew)	49	38	32	-	1	8.0
Croydon ...	49	39	35	-	1	8.2
S. Farnborough	61	35	28	Tr	Tr	7.6
Boscombe Down	47	35	32	-	-	4.5
Calshot (Sthmtn.)	50	39	35	-	-	7.9
Lympne ...	48	37	33	-	3	3.6
Manston ...	48	39	35	-	1	7.6
Shoeburyness ...	51	37	30	-	0.4	8.1
Felixstowe ...	48	38	36	-	1	9.0
Gorleston ...	49	35	34	-	1	8.7
Mildenhall ...	49	35	31	-	1	5.8
Cranwell ...	47	34	31	Tr	-	5.9
Birmingham ...	46	36	32	-	1	3.3
Upper Heyford	48	36	31	-	1	*
Ross-on-Wye	48	36	30	Tr	-	3.8
Portland Bill ...	47	43	*	-	-	*
Plymouth ...	46	43	41	0.1	1	4.4
The Lizard ...	49	42	*	0.1	5	*
Scilly (St. Mary's)	48	45	*	3	2	3.3
Guernsey	46	43	39	-	1	8.6
Pembroke ...	46	40	*	Tr	-	0.0
Holyhead ...	49	40	37	2	0.2	0.5
Chester (Sealand)	48	39	35	0.5	3	0.5
Manchester ...	45	36	31	3	0.5	0.0
Spurn Head ...	45	37	*	0.3	-	4.0
Catterick ...	48	34	30	1	-	1.8
Tynemouth ...	46	34	31	2	-	2.1
Inchkeith ...	46	34	32	-	-	6.3
Leuchars ...	50	35	31	0.2	-	7.1
Renfrew (Abbots L.)	47	34	30	0.2	Tr	5.2
Eskdalemuir ...	44	31	29	3	-	2.7
Point of Ayre...	49	30	*	1	-	2.4
Tiree	46	33	32	10	Tr	6.7
Stornoway ...	43	30	*	1	1	5.7
Dalwhinnie ...	(38)	29	25	2	2	3.8
Aberdeen ...	46	33	32	Tr	6	6.8
Wick ...	45	34	*	0.6	1	*
Lerwick ...	42	32	*	0.1	3	6.6
Blacksod Point	49	30	*	1	-	*
Malin Head ...	45	38	*	1	Tr	4.6
Aldergrove ...	49	32	27	1	0.4	3.2
Birr Castle ...	50	32	24	0.6	0.2	1.8
Valentia Obsy. †	49	44	43	0.5	8	2.3
Roches Point	51	42	*	0.2	1	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon.	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	bm.bc	cz.	cm.c.bc	49	38	32	-	1	8.0	•	•	8
Croydon ...	217	bm.bz.by	bc.zyz.	z.m.c.pbb	49	39	35	-	1	6.8	•	•	7
Greenwich (Royal Observatory) ...	149	bfm.	bcy	c.s.c	50	38	29	-	0.3	4.9	46	63	6
City (Bunhill Row) ...	—	•	•	•	•	•	•	•	•	6.4	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	51	38	30			7.6	48	60	•
Regents Pk. (Botanic Gardens)‡ ...	168	•	•	•	50	36	33	-	Tr	7.7	64	75	•
Camden Square ...	110	b	bc	•	50	38	31	-	0.3	•	•	62	•
Kensington ...	80	bz.bc	c	•	50	38	33	T	L	7.7	63	69	•
Hampstead Observatory ...	450	bc	b	c.p.bc	49	35	26	-	0.2	8.1	•	71	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
0.8	7-10h 24th	0.3	1-3h 25th

Kew Observatory.

Max.	Time.	Min.	Time.
0.4	8h 24th	<0.1	24h 24th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 24th March Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 25th March Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris ...	1017.0	NW	4	c	45	1015.7	W	3	c	41	46	36	-	0.2
Brussels ...	1015.4	NW	2	c	41	1011.1	W	3	ir.	39	43	32	-	3
Berlin ...	1010.3	ENE	1	z.	43	1000.1	W	1	z.	37	50	30	-	-
Zürich ...						1016.4	W	1	rs	36	7	34		4
Rome ...	1007.5	S	5	c	52	1006.7	E	4	r/hr	39	*	*	-	*

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

Friday 26th March, 1937

No. 27518

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)	SUNSHINE 24th Hrs. (36)
1	London (Kew)	1013·3	−4	W	3	c	46	55	8	2	-	6	7·8	9	2500	8·0
	Croydon ...	1012·9	−8	NW'W	3	c	47	35	7	2	-	5	4·6	7·8	4000	8·2
	S. Farnborough	1013·5	−6	NW	3	c	48	45	8	2	-	6	7·8	9	4000	7·6
	Boscombe Down	1013·8	−12	W	3	bc	48	55	7	7	-	6	4·6	4·6	2500	4·5
	Calshot (Sthmtn.)	1014·3	−8	WNW	4	c	48	55	8	7	-	8	4·6	7·8	4000	7·3
	Lympne ...	1012·4	−2	WNW	4	z_o	48	45	6	2	-	-	4·6	4·6	1500	3·6
	Manston ...	1012·8	0	WNW	3	bc	48	45	7	2	-	-	2·3	2·3	2500	7·6
2	Shoeburyness ...	1012·7	0	W	3	bc	49	55	8	2	-	-	4·6	4·6	4000	8·1
	Felixstowe ...	1011·6	−6	WNW	4	bc	46	45	8	1	-	-	4·6	4·6	2500	9·0
	Gorleston ...	1010·5	+2	W'N	4	c	46	55	6	8	-	-	7·8	7·8	2500	8·7
	Mildenhall ...	1011·5	−2	NW'W	5	bc	47	45	7	2	-	-	4·6	4·6	2500	5·8
	Cranwell ...	1010·9	−2	W'N	4	z_o	43	55	6	3	-	-	7·8	7·8	2500	5·9
3	Birmingham ...	1013·0	−4	NW	3	c	42	55	6	8	3	-	4·6	7·8	2500	3·3
	Upper Heyford	1013·3	−16	WNW	3	c	45	55	9	2	4	8	4·6	7·8	2500	*
4	Ross-on-Wye	1013·0	−10	W	3	c	46	55	8	8	-	8	4·6	9	4000	3·8
5	Portland Bill ...	1014·6	−8	W	4	c	46	85	8	4	2	-	4·6	10	2500	*
	Plymouth ...	1014·9	−14	SW	3	$r_o r_o$	46	97	6	6	2	-	9	10	800	4·4
	The Lizard ...	1015·0	−12	W'S	3	$r_o r_o$	47	97	8	8	1	-	9	10	1500	*
	Scilly (St. Mary's)	1014·9	−16	W'S	5	$r_o r_o$	49	85	7	8	-	-	10	10	1500	3·3
	Guernsey ...	1016·3	−14	WNW	4	rr	48	92	7	5	-	-	10	10	2500	8·6
6	Pembroke ...	1014·1	−10	NW	1	ir_o	42	85	7	5	2	-	7·8	10	2500	0·0
7	Holyhead ...	1013·5	−10	NW'N	4	bc	43	75	9	1	3	8	2·3	4·6	4000	0·5
	Chester (Sealand)	1013·0	−4	W'N	4	c/phr	41	65	8	8	-	-	9	9	2500	0·5
8	Manchester ...	1012·2	−4	W'N	5	c	42	55	8	8	-	-	7·8	7·8	2500	0·0
10	Spurn Head ...	1009·9	+6	WNW	5	bc	44	65	7	4	-	-	4·6	4·6	2500	4·0
	Catterick ...	1010·1	+2	WNW	3	c	43	55	9	8	6	-	7·8	7·8	4000	1·8
	Tynemouth ...	1008·6	+4	NW	5	bc	42	55	7	2	-	-	4·6	4·6	1500	2·1
11	Inchkeith ...	1011·5	+6	NW	4	c	38	75	8	8	-	-	7·8	7·8	4000	6·3
	Leuchars ...	1009·9	+4	NW	4	bc	41	45	9	1	-	1	4·6	4·6	4000	7·1
12	Renfrew (Abbots I.)	1011·3	−2	N'E	3	ps_o	41	55	9	2	-	-	9	9	4000	5·4
	Eskdalemuir ...	1010·3	0	N'E	2	ps_o	37	75	7	9	-	-	7·8	7·8	1500	2·7
	Point of Ayre...	1012·3	−2	N'W	4	bc	44	75	8	1	-	-	4·6	4·6	4000	2·4
13A	Tiree	1012·8	−2	N	4	bc	41	65	8	7	6	-	4·6	4·6	2500	6·7
13B	Stornoway ...	1012·7	−2	NE	3	c/ps	34	85	8	8	7	9	2·3	9	1500	5·7
15	Dalwhinnie ...	*	−2	N	4	bc	32	85	8	3	6	-	2·3	4·6	4000	3·8
	Aberdeen ...	1008·4	+6	NNW	5	psh	32	97	7	9	-	3	9	9+	1500	6·8
	Wick ...	1008·4	+10	NW	7	c	38	97	8	8	7	-	7·8	10	800	*
16	Lerwick ...	1004·9	+4	N	6	c	36	75	8	8	2	2	7·8	9	800	6·6
17	Blacksod Point	1015·1	−12	N	3	bc	45	75	9	3	-	5	4·6	4·6	2500	*
18	Malin Head ...	1014·5	−4	NNW	3	bc	41	85	8	1	-	-	2·3	2·3	4000	4·6
	Aldergrove ...	1013·8	−6	NW'N	4	c/ps	39	75	9	8	-	-	9+	9+	2500	3·2
19	Birr Castle ...	1013·7	−12	NE	1	c	46	55	8	2	8	-	4·6	9	2500	1·8
20	Valentia Obsy. †	1012·0	−18	ENE	4	$r_o r_o$	45	92	8	5	2	-	2·3	10	800	2·3
	Roches Point	1013·0	−18	SE	3	rr	41	92	8	6	2	-	7·8	10	1500	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount Low 0–10 (26)	Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)
1	London (Kew)	1010·7	−14	WSW	1	z_o	46	45	6	5	7	7	2·3	10	4000	1	*
	Croydon ...	1010·2	−14	W	1	z_o	45	55	6	4	7	6	2·3	10	4000	1	*
	S. Farnborough	1011·0	−10	W'S	2	ir_o	44	65	7	5	2	-	4·6	9+	2500	1	*
	Boscombe Down	1011·4	−14	W	2	$r_o r_o$	39	85	7	-	2	-	10	10	2500	1	*
	Calshot (Sthmtn.)	1011·6	−14	-	0	$r_o r_o$	43	85	6	5	2	-	7·8	10	1500	1	1
	Lympne ...	1011·2	−18	WSW	3	c	43	75	7	4	6	6	1	9+	4000	1	2
	Manston ...	1010·7	−10	WNW	2	c	45	65	6	5	-	-	9	9	4000	1	*
2	Shoeburyness ...	1010·8	−10	NW	1	c	44	65	6	8	1	-	7·8	9	2500	1	*
	Felixstowe ...	1010·8	−8	W	2	c	44	55	6	5	-	9	7·8	7·8	4000	1	2
	Gorleston ...	1010·3	−2	N	2	c/pr	40	75	6	8	-	-	9	9	2500	1	2
	Mildenhall ...	1010·2	−8	NW'W	3	bc	42	65	7	4	6	9	2·3	4·6	4000	1	*
	Cranwell ...	1009·8	−6	W'N	3	bc	41	55	8	8	3	5	2·3	4·6	4000	1	*
3	Birmingham ...	1010·2	−10	NNW	3	c	40	55	6	5	3	-	9	9+	4000	1	*
	Upper Heyford	1010·7	−22	-	0	c	43	65	8	8	4	8	4·6	9	2500	1	*
4	Ross-on-Wye	1010·0	−16	SW'W	2	c	43	55	8	6	2	8	1	9+	2500	1	*
5	Portland Bill ...	1010·3	−36	ESE	3	rr	44	92	7	5	-	-	10	10	1500	1	3
	Plymouth ...	1009·7	−30	WSW	2	rr	44	92	6	-	2	-	10	10	450	1	2
	The Lizard ...	1006·5	−66	SW	6	rr	48	97	5	5	-	-	10	10	1500	1	3
	Scilly (St. Mary's)	1006·7	−36	W	6	ir_o	49	97	7	9	6	-	7·8	9	1500	1	4
	Guernsey ...	1012·6	−24	W'S	3	rr	46	92	7	5	-	-	10	10	1500	1	3
6	Pembroke ...	1010·6	−20	NE'E	4	rr	38	92	6	8	-	-	9+	9+	2500	1	2
7	Holyhead ...	1011·2	−10	N	4	bc	41	75	8	2	-	8	2·3	4·6	4000	1	2
	Chester (Sealand)	1010·8	−12	W'N	3	bc	40	65	8	8	6	5	4·6	4·6	2500	1	*
8	Manchester ...	1010·2	−22	WNW	3	bc	40	65	8	8	-	5	4·6	4·6	2500	1	*
10	Spurn Head ...	1009·8	0	N	3	c	39	75	7	3	2	-	7·8	10	1500	0	3
	Catterick ...	1009·4	−2	NW	2	c	38	75	7	5	3	-	4·6	9+	4000	1	*
	Tynemouth ...	1008·8	0	N	4	c	38	65	8	2	3	-	4·6	7·8	1500	1	2
11	Inchkeith ...	1009·9	−4	NW	3	c	37	75	8	8	7	-	4·6	9	2500	0	2
	Leuchars ...	1009·4	−6	NW	2	c	37	65	9	8	1	8	1	9	2500	1	*
12	Renfrew (Abbots I.)	1010·5	−2	NNW	3	jp	40	45	9	2	4	1	4·6	4·6	4000	1	*
	Eskdalemuir ...	1009·6	−6	NW'W	2	bc	34	75	8	7	-	9	2·3	4·6	2500	4	*
	Point of Ayre...	1010·6	−10	N'W	5	bc	41	75	8	1	-	-	2·3	2·3	4000	0	3
13A	Tiree	1013·0	0	N	2	c	33	92	8	8	7	-	4·6	7·8	1500	4	3
13B	Stornoway ...	1011·4	−6	NW	4	c/ps	34	85	8	8	4	3	4·6	7·8	1500	1	2
15	Dalwhinnie ...	*	−2	NW	1	bc	29	85	8	4	6	-	2·3	4·6	4000	9	*
	Aberdeen ...	1007·9	−2	NW'N	5	bc/ps	31	92	8	3	3	-	4·6	4·6	1500	4	2
	Wick ...	1007·6	−8	NNW	4	c	34	92	8	8	7	-	4·6	7·8	800	1	2
16	Lerwick ...	1004·3	−6	NNW	4	c	35	85	8	8	7	8	4·6	7·8	1500	1	*
17	Blacksod Point	1014·5	−4	N	4	bc	43	85	9	3	-	-	4·6	4·6	1500	1	3
18	Malin Head ...	1013·5	−6	N	3	jp	39	85	8	9	8	-	2·3	4·6	2500	0	3
	Aldergrove ...	1012·3	−6	NNW	3	bc	39	65	8	2	3	-	1	2·3	2500	1	*
19	Birr Castle ...	1012·5	−8	NE	1	c	43	65	8	5	-	-	9+	9+	4000	1	*
20	Valentia Obsy. †	1013·0	+10	NE'E	3	c	43	85	8	8	-	-	7·8	7·8	1500	1	2
	Roches Point	1011·9	−2	NE	3	c/r	40	92	8	3	5	-	4·6	7·8	1500	1	2

PAST 24 HOURS.

District	Stations	Weather. 7h.–13h. 25th. (37)	13h.–18h. 25th. (38)	18h. 25th to 1h. 26th (39)	1h.–7h. 26th (40)
1	London (Kew)	bccy	cycz$_o$	ycr$_o$rr	rss$_o$b
	Croydon ...	bm$_o$	beycy	z$_o$r$_o$rr	rsr$_o$s$_o$c
	S. Farnborough	bcycy⊕	cycir$_o$	cr$_o$orrm	csr$_o$s$_o$s
	Boscombe Down	bccbcy	bcycor$_o$	r$_o$r$_o$rsc	cbcc
	Calshot (Sthmtn.)	cy	bcycr$_o$r$_o$m	crrm$_o$	bm$_o$
	Lympne ...	bcz$_o$y	bcyc	cor$_o$rr	orrsm$_o$
	Manston ...	by	bcycz$_o$	orrm$_o$	orsrsm$_o$
2	Shoeburyness ...	bbcy	bcycz$_o$	cpc	cisc
	Felixstowe ...	bbcvy	bccy	cyc	orrss$_o$m$_o$
	Gorleston ...	bccq	cpr$_o$	c	cprs$_o$q
	Mildenhall ...	bbcy	bcy	bccs$_o$	s$_o$s$_o$c, bm$_o$
	Cranwell ...	bbccyz$_o$	cz$_o$ybc	cbcm$_o$xb	bm$_o$x
3	Birmingham ...	bcs$_o$c	cbcc	cbc	bcx
	Upper Heyford	bccy	cy	c	cbcbxbc
4	Ross-on-Wye	c	c	cr$_o$ocb	b
5	Portland Bill ...	c	orr	oRc	cbc
	Plymouth ...	cr$_o$r$_o$m$_o$	cr$_o$r$_o$rrm	orrRRmbc	bcb
	The Lizard ...	crrc	corrm	rrcbc	bc
	Scilly (St. Mary's)	r$_o$r$_o$c	orrir	ir$_o$idc	bc
	Guernsey ...	cor$_o$r	cr$_o$ir	orirc	cbc
6	Pembroke ...	cir$_o$o	crrm$_o$	bcpsh$_o$bc	bcq
7	Holyhead ...	bc	bc	bcpr$_o$	prh$_o$bc
	Chester (Sealand)	bcphr$_o$c	cbcpr$_o$bc	bcx	bcx
8	Manchester ...	bccpr$_o$y	cbccyb	bbcm$_o$b	bm$_o$x
10	Spurn Head ...	bcc	c	sscss	sbcb
	Catterick ...	byvcy	cyvc	cs$_o$bw	bwbx
	Tynemouth ...	bc	bcc	bc	bbc
11	Inchkeith ...	bcc	c	cbc	bc
	Leuchars ...	cqybc	bcyc	cbcbx	bxv
12	Renfrew (Abbots I.)	bbcps$_o$	ps$_o$bcy	bx	bbcx
	Eskdalemuir ...	bbcps$_o$	psbcps$_o$	bcbx	bbcx
	Point of Ayre...	bc	bc	bc	bcc
13A	Tiree	bc	cpsh	cphbc	cpsh
13B	Stornoway ...	cps$_o$q	cpspshq	cpsphpsqbc	bccps
15	Dalwhinnie ...	cisbc	cisobc		cisbc
	Aberdeen ...	cpsh	pshq	cpsbc	bcb
	Wick ...	cprsv	cphps	c	c
16	Lerwick ...	c	c	c	cssid$_o$
17	Blacksod Point	pr$_o$c	pr$_o$cq	pr$_o$bc	phrc
18	Malin Head ...	bc	bcph$_o$	bc	cps$_o$bc
	Aldergrove ...	ps$_o$h$_o$sh	cyjpsb	b	bbcps$_o$b
19	Birr Castle ...	cy	c	cb	bx
20	Valentia Obsy. †	cr$_o$r$_o$	cr$_o$r$_o$c	cpr$_o$bc	bcbx
	Roches Point	r$_o$crr	crrc	bcbx	bxv

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.

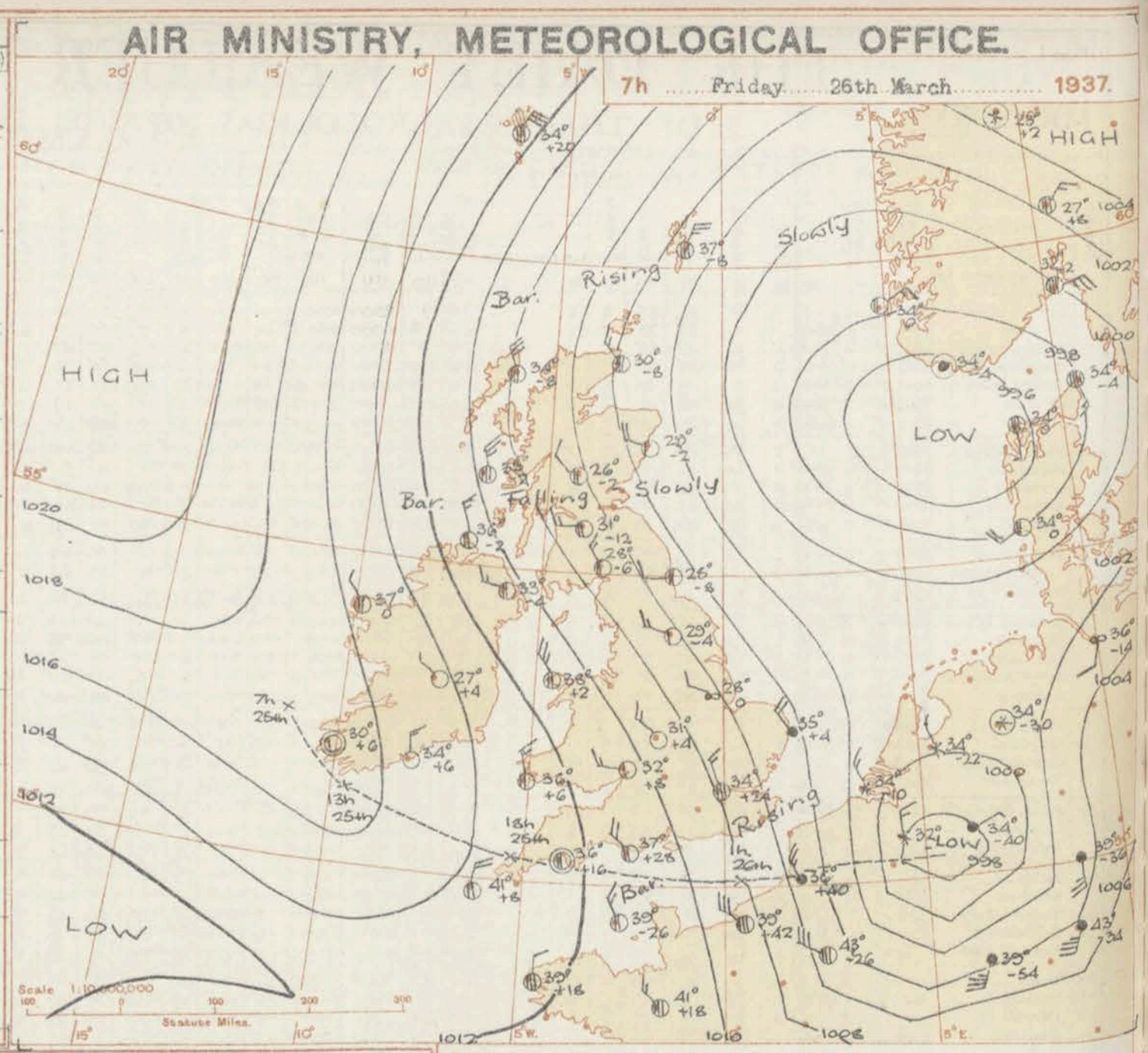
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 25th March 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	bbcoc	37	49	1	—	8·4	9·2
	Bournemouth	b	codr	39	51	0·3	0·3	5·7	7·4
	Ventnor ...	xb	bcor	38	49	–	Trace	6·9	8·7
	Southsea ...	b	bcd	38	52	–	–	6·4	8·3
	Bognor Regis	bcbc	bcbco	38	50	–	–	7·9	9·2
	Littlehampton	bc	bcco	37	51	–	–	7·9	9·6
	Worthing ...	b	bbcc	38	52	–	–	8·4	9·8
	Brighton ...	b	cbc	39	49	–	–	7·7	9·0
	Eastbourne† ...	b	bbcco	40	50	–	–	8·7	9·0
	Hastings† ...	bbc	bcc	40	50	–	–	8·0	9·7
	Folkestone ...	bcbbc	bcc	38	52	1	–	9·1	8·7
	Dover ...	ybbcc	cbcy	39	51	1	–	8·9	9·2
	Deal	b	bbcbc	38	51	0·5	–	8·2	7·8
	Ramsgate ...	b	bbcc	39	50	1	–	9·1	7·5
	Margate ...	bc	bc	39	49	–	–	9·5	8·1
2	Southend ...	bcb	bbcc	36	52	0·3	–	9·1	8·4
	Maldon ...	b	bbcc	38	49	1	–	7·7	9·2
	Clacton-on-Sea	bc	bcbc	36	49	1	–	8·3	9·6
	Dovercourt ...	bcy	bcv	34	49	0·1	–	8·1	8·8
	Lowestoft ...	b	bbccr	34	49	1	Trace	7·1	7·4
	Skegness ...	b	bcc	34	47	Trace	–	6·8	4·9
	Mablethorpe...	bcc	bccpc	34	47	–	Trace	7·2	4·1
	Cleethorpes ...	b	bbc	34	47	0·3	–	7·3	4·0
3	Leamington S.	bc	c	36	47	0·3	–	6·5	3·2
4	Cheltenham†	bc	cbcc	36	49	1	–	7·5	4·8
5	Bath	bbc	bccr	35	49	Trace	Trace	4·5	4·6
	Weymouth ...	bc	cr	40	48	–	0·5	2·2	7·4
	Jersey ...	bcor	cr	42	48	1	2	0·1	10·2
	Torquay ...	op or	orrm	38	47	1	4	0·0	5·8
	Penzance ...	r	r	43	49	7	12	0·0	6·4
	St. Ives ...	r	r	38	49	7	19	0·0	2·5
	Bude... ...	r r	r	35	44	5	1	0·0	2·4
	Ilfracombe ...	bcc	cor	42	45	–	2	1·1	2·9
6	Aberystwyth	cbc	bcc	39	45	2	–	6·5	0·1
7	Llandudno ...	bcb	bbcbc	40	44	1	–	8·0	0·1
	Colwyn Bay...	bcbcb	bchbc	39	43	0·5	0·3	6·7	0·1
	Rhyl	bc	bccr	40	44	2	Trace	7·2	0·2
8	Wallasey ...	bcbph	bphb	39	45	0·3	Trace	6·3	0·6
	Southport ...	bcbc	bcphbc	37	46	0·3	Trace	8·7	0·0
	Blackpool ...	bcch	bcb	39	43	1	Trace	10·0	0·0
	Morecambe ...	b	bbc	36	44	–	–	10·4	0·4
9	Ilkley... ...	bbc	phchc	32	45	–	1	6·2	0·3
	Harrogate ...	b	bopsh	33	45	–	Trace	8·2	0·9
10	Berwick-on-T.	bch	bc	35	41	–	Trace	6·9	5·9
11	Dunbar ...	bcx	bc	34	41	–	–	7·2	6·3
12	Troon... ...	xcbbc	bbcb	36	45	–	–	9·8	3·5
	Douglas ...	bcph	bc	35	42	0·5	Trace	8·4	0·6

† 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. 26th March, 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 11 S.E. Scotland	Fresh northwesterly winds, moderating slowly; bright periods and wintry showers; cold with frost at night.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W. Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Fresh or strong northwesterly winds; bright periods and wintry showers; cold with frost at night.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Moderate northwesterly winds, decreasing; bright periods and occasional wintry showers; rather cold.

GENERAL INFERENCE.

A depression over Western Germany will move rapidly eastwards and another south of Norway will drift westward slowly. There will be cold northwesterly winds in most districts with wintry showers chiefly in the afternoon.

FURTHER OUTLOOK.

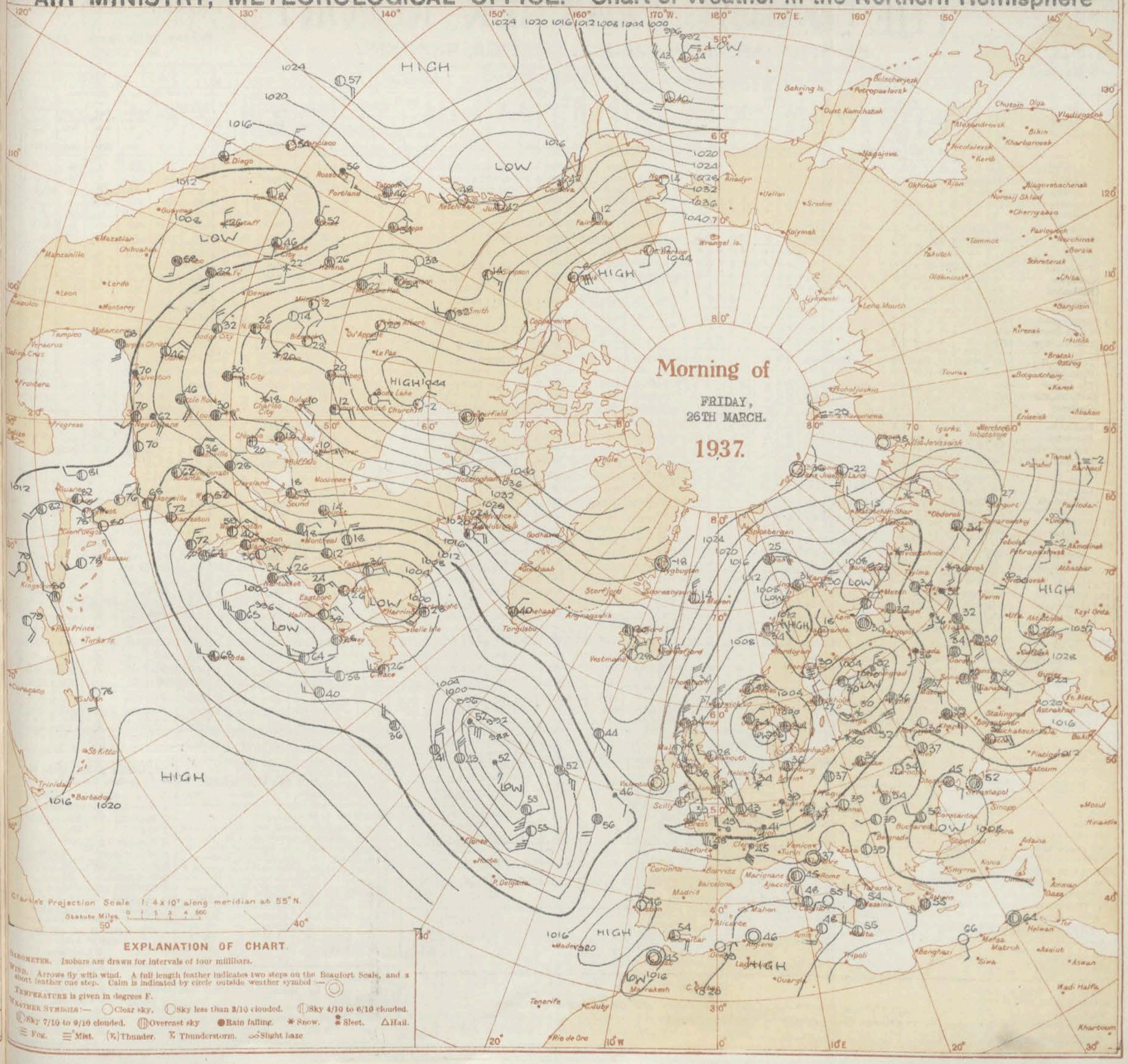
Little change.

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

Friday 26th March, 1937
No. 27518

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1005·7	-22	N'E	3	rs	36	92	6	6	-	-	10	10	450
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1005·3	-34	ENE	2	rr	36	85	6	6	-	-	10	10	800
	Manston	142	1005·2	-28	-	0	r_0r_0	37	85	6	6	2	-	4-6	10	800
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1006·1	-20	NE'N	1	c	38	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	1006·2	+10	NNE	4	c	38	92	7	5	-	-	10	10	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1010·7	+24	NNW	3	bc	36	92	8	8	4	-	1	2-3	2500
	Scilly (St. Mary's)	163	1011·8	+22	NNE	4	bc	40	85	8	4	6	-	2-3	2-3	2500
	Guernsey	175	1006·0	+20	N'W	5	c	41	92	8	8	-	-	10	10	2500
6	Pembroke	142	1011·0	+2	N	3	q	37	85	7	8	6	-	4-6	4-6	2500
7	Holyhead	26	1010·3	0	N	4	prs_0	38	75	8	2	-	-	7-8	7-8	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1006·5	-14	NNW	5	ss	34	85	5	5	-	-	10	10	800
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	106	1007·9	-10	NW	2	bc	31	65	6	2	-	-	2-3	2-3	1500
11	Inchkeith	190	1009·3	-2	W	3	b	37	85	8	5	-	-	1	1	4000
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	1010·5	-2	N'E	4	bc	36	92	8	1	-	-	2-3	2-3	4000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	80	1009·9	-4	NNE	3	bc	32	97	8	8	7	-	2-3	4-6	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1005·1	-10	NW	4	c	29	92	8	8	6	-	4-6	7-8	800
16	Lerwick	156	1002·4	-10	N	5	c	35	85	8	8	2	-	7-8	9+	1500
17	Blacksod Point	18	1016·0	+4	-	0	bc	34	92	8	1	-	-	2-3	2-3	1500
18	Malin Head	84	1012·3	-4	N'W	3	bc	37	97	8	1	-	-	2-3	2-3	2500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1015·2	+6	N'E	3	bc	39	97	8	6	-	-	2-3	2-3	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 26th March — 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)	Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 25th Hrs. (36)
London (Kew)	1008·3	+34	NW	2	z_0	33	85	6	-	-	-	0	0	-	1	*	49	33	29	—	4	8·1
Croydon	1007·3	+24	NNW	3	c	34	75	6	8	-	-	9	9	1500	1	*	50	34	31	-	4	8·2
S. Farnborough	1008·9	+24	NW	3	b/ps	32	97	7	1	-	1	Tr	1	1500	1	*	51	32	28	Tr	5	5·7
Boscombe Down	1009·9	+20	NW	2	b	30	92	7	-	-	-	0	0	-	1	*	49	29	27	0·2	5	6·5
Calshot (Sthmtn.)	1009·0	+28	NW	3	z_0	33	85	6	5	-	-	Tr	Tr	800	1	§2	51	33	30	1	9	6·7
Lympne	1005·5	+22	NW'N	5	is_0	33	85	6	5	6	-	9	9+	450	4	§2	49	32	32	-	6	8·5
Manston	1004·4	+12	NNW	5	ss	35	85	6	6	2	-	7-8	10	800	1	*	49	34	32	-	7	9·7
Shoeburyness	1006·1	+12	NW'N	4	c	34	85	8	5	-	-	9	9	4000	1	*	50	33	32	-	2	7·4
Felixstowe	1005·0	+18	NW'N	5	s_0s_0	33	92	5	6	-	-	10	10	800	4	3	48	32	32	-	1	8·1
Gorleston	1004·9	+4	NW	4	ps_0	35	85	6	8	-	-	7-8	7-8	2500	1	2	48	34	32	Tr	Tr	7·2
Mildenhall	1006·6	+12	NW	3	z_0	31	92	6	5	-	-	1	1	2500	4	*	48	31	28	-	0·2	9·2
Cranwell	1007·4	0	WNW	2	z_0	28	85	5	-	-	-	0	0	-	3		47	27	23	-	-	8·9
Birmingham	1009·1	+4	NW	3	b	31	85	5	-	-	-	0	0	-	1	*	45	29	24	Tr	-	5·5
Upper Heyford	1009·4	+20	WNW	3	z_0	30	85	5	8	-	-	4-6	4-6	1500	1	*	48	30	25	-	-	*
Ross-on-Wye	1010·3	+8	W'N	3	b	32	85	8	8	-	-	Tr	Tr	4000	1	*	47	31	19	-	Tr	4·2
Portland Bill	1010·3	+28	NW	4	bc	37	85	8	4	-	-	2·3	2·3	2500	2	3	47	36	*	3	15	*
Plymouth	1012·4	+16	-	0	b	36	85	8	8	-	-	Tr	Tr	2500	1	1	46	35	32	7	7	0·0
The Lizard	1013·0	+10	N	3	bc	36	85	8	8	-	-	4-6	4-6	2500	1	2	48	34	*	8	0·6	*
Scilly (St. Mary's)	1013·4	+8	N'E	4	jp	41	75	8	3	-	-	4-6	4-6	1500	1	2	51	39	*	8	0·1	0·0
Guernsey	1011·4	+26	NNW	3	bc	39	65	9	1	-	-	4-6	4-6	2500	1	3	49	38	35	2	9	0·2
Pembroke	1011·5	+6	N'W	3	q	36	75	8	5	-	-	4-6	4-6	4000	1	2	45	32	*	2	1	0·0
Holyhead	1010·3	+2	NW'N	5	bc	38	75	8	8	-	-	4-6	4-6	2500	1	3	45	36	33	—	0·5	9·8
Chester (Sealand)	1009·2	+4	WNW	3	bc	34	75	9	2	-	-	4-6	4-6	2500	3	*	44	29	19	Tr	-	6·1
Manchester	1008·5	+4	NW'W	2	b	29	85	8	8	-	-	Tr	Tr	2500	3		43	24	17	Tr	-	6·4
Spurn Head	1005·8	-4	NW	6	b	33	85	7	-	-	-	0	0	-	8	4	45	31	*	-	3	7·4
Catterick	1006·7	-4	W'N	3	b	29	85	7	1	-	4	Tr	1	4000	3	*	44	28	21	-	Tr	7·1
Tynemouth	1005·2	-8	W	2	bc	28	85	6	2	-	-	4-6	4-6	1500	3	2	42	27	24	-	-	*
Inchkeith	1006·3	-4	W	3	c	31	85	8	5	8	-	4-6	7-8	2500	3	2	42	29	26	-	-	7·8
Leuchars	1005·6	-6	WNW	2	bc	29	85	9	5	-	-	2·3	2·3	4000	1	*	41	27	21	-	-	8·8
Renfrew (Abbots I.)	1006·9	-12	W	3	bc	31	92	9	8	6	3	2·3	4-6	2500	3	*	44	27	21	Tr	-	6·2
Eskdalemuir	1006·6	-6	NNW	3	bc	28	85	9	5	-	-	4-6	4-6	1500	4	*	40	23	17	0·6	-	6·3
Point of Ayre	1008·4	-8	NNW	5	c	38	85	8	3	-	-	7-8	7-8	1500	0	3	45	36	*	-	-	10·9
Tiree	1009·1	-2	N'W	6	c	35	85	7	8	-	-	7-8	7-8	1500	3	4	42	32	31	1	0·3	6·5
Stornoway	1007·9	-8	NNW	6	c/ps	34	97	8	8	-	-	10	10	1500	4	5	39	28	*	2	2	6·7
Dalwhinnie	1007·6	-2	NW	2	bc	26	85	7	4	6	-	2·3	4-6	2500	9	*	38	21	19	0·4	0·5	5·3
Aberdeen	1003·7	-2	WNW	4	b	29	75	8	1	3	3	Tr	1	2500	8	2	39	27	21	1	0·6	5·3
Wick	1003·3	-8	NW	3	c	30	97	8	8	7	-	4-6	7-8	1500	4	1	38	26	*	1	Tr	*
Lerwick	1002·7	+8	NNE	5	c	37	85	8	8	7	-	4-6	7-8	1500	4	*	38	31	*	—	3	1·7
Blacksod Point	1015·8	0	NW	1	bc	37	92	8	3	-	-	4-6	4-6	2500	4	2	46	30	*	Tr	2	*
Malin Head	1011·3	-2	N'W	3	jp	36	97	8	9	-	-	4-6	4-6	1500	0	2	42	35	*	Tr	0·2	9·6
Aldergrove	1011·1	-4	WNW	3	bc	33	85	8	3	-	-	4-6	4-6	1500	3	*	43	28	21	0·4	Tr	8·8
Birr Castle	1014·3	+4	NW	1	b	27	97	8	-	-	-	0	0	-	3	*	48	26	16	-	-	3·2
Valentia Obsy. †	1016·5	+6	-	0	b	30	92	9	1	-	-	Tr	Tr	4000	1	2	47	30	25	7	0·3	0·5
Roches Point	1015·6	+6	N	3	b	34	85	9	-	-	-	0	0	-	1	2	43	34	*	9	-	*

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. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	bccy	$cycz_0$	ycrrsb	49	33	29	—	4	8·1	·	·	7
Croydon	217	bm_0	bcycy	zcrrsc	50	34	31	—	4	8·2	·	·	6
Greenwich (Royal Observatory)	149	cy	crr1	sb	51	33	29	—	4	5·4	47	55	6
City (Bunhill Row)	—	·	·	·	·	·	·	·	·	5·9	·	·	·
Westminster (St. James' Park)	27	·	·	·	51	34	30		5	6·9	49	64	·
Regents Pk. (Botanic Gardens)‡	168	·	·	·	49	33	30	—	5	7·2	59	42	·
Camden Square	110	bbc	c	·	51	33	29	—	5	·		61	·
Kensington	80	bc	bc	·	50	34	30	—	4	7·5	At 18h. 48	61	·
Hampstead Observatory	450	bc	bcob	orsbc	49	30	25	Tr	4	8·3	·	74	·

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

Station	Max.	Time.	Min.	Time.
South Kensington	0·4	18-20h 25th	<0·3	0-3h 26th
Kew Observatory	0·1	18h 25th	<0·1	10h 25th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 25th March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 26th March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1014·2	W	3	r_0r_0	46	1004·5	WNW	6	c	43	52	30	1	*
Brussels	1011·6	WNW	1	bc	43	999·1	N	3	s_0s_0	32	48	32	+	Tr.
Berlin						1007·0	S	2	z_0	34				
Zurich											·	·		
Rome	1011·3	WNW	4	bc	48						*		*	

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	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

Saturday 27th March, 1937.

No. 27510

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	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)	1003.4	−4	WNW	4	c	43	45	7	2	–	–	7-8	7-8	2500
	Croydon ...	1003.4	+2	W'N	4	bc	43	35	6	2	–	–	4-6	4-6	4000
	S. Farnborough	1010.3	0	W'N	4	bc	44	35	8	7	–	–	4-6	4-6	4000
	Boscombe Down	1011.1	−2	W'N	4	c	42	55	8	8	–	–	7-8	7-8	2500
	Calshot (Sthmtn.)	1011.1	+2	NW'N	4	bc	43	55	8	7	–	–	4-6	4-6	4000
	Lympne ...	1003.7	+10	W'N	4	z₀	42	45	6	2	–	–	4-6	4-6	2500
	Manston ...	1008.6	+8	W	4	bc	43	45	8	2	–	–	4-6	4-6	4000
2	Shoeburyness ...	1008.5	+8	W'N	4	bc	43	45	8	2	–	–	4-6	4-6	2500
	Felixstowe ...	1007.9	+10	W'N	4	bc	42	35	8	1	–	–	4-6	4-6	1500
	Gorleston ...	1007.3	+8	NW'N	5	bc	41	45	7	8	–	–	4-6	4-6	4000
	Mildenhall ...	1007.6	−4	WNW	4	c	43	45	8	2	–	–	7-8	7-8	2500
	Cranwell ...	1007.7	0	WNW	4	ss	34	65	4	9	–	–	10	10	800
3	Birmingham ...	1008.7	−4	NNW	4	is₀	40	55	6	9	–	–	9	9	1500
	Upper Heyford	1003.6	−2	WNW	5	c	43	55	9	8	–	3	4-6	7-8	2500
4	Ross-on-Wye	1009.9	−4	W'N	4	c	43	45	9	1	–	–	7-8	7-8	1500
5	Portland Bill ...	1012.3	+6	NW	4	bc	44	65	8	2	–	–	4-6	4-6	2500
	Plymouth ...	1013.6	+2	NW'N	4	bc	43	55	9	8	–	–	4-6	4-6	2500
	The Lizard ...	1014.6	+4	WNW	3	bc	44	65	8	1	–	–	2-3	2-3	2500
	Scilly (St. Mary's)	1015.8	+4	N	3	bc	45	55	8	1	–	–	2-3	2-3	2500
	Guernsey ...	1013.8	+8	NW'N	3	bc	45	55	9	1	–	–	4-6	4-6	2500
6	Pembroke ...	1012.7	+2	NW	5	q	41	65	8	7	6	–	4-6	4-6	4000
7	Holyhead ...	1009.9	−2	NW	7	c	41	75	9	2	–	–	7-8	7-8	2500
	Chester (Sealand)	1008.2	−4	W	6	PHR	41	55	8	9	–	–	9	9	1500
8	Manchester ...	1007.6	−6	W'S	3	ps	34	92	5	9	7	–	4-6	7-8	800
10	Spurn Head ...	1005.6	0	NW'W	5	c	39	85	7	8	7	–	4-6	7-8	1500
	Catterick ...	1005.8	−4	NW	4	bc	40	45	9	2	3	3	4-6	4-6	4000
	Tynemouth ...	1005.2	0	NNW	3	bc	38	55	8	2	3	1	2-3	4-6	1500
11	Inchkeith ...	1006.1	0	W	3	c	42	75	8	5	–	4	4-6	7-8	2500
	Leuchars ...	1005.2	−4	NW	4	q	40	45	9	7	–	6	7-8	9+	4000
12	Renfrew (Abbots I.)	1007.0	+2	WNW	4	c	42	55	9	1	3	2	4-6	7-8	4000
	Eskdalemuir ...	1006.1	−2	NW'W	4	bc	38	55	9	1	–	2	2-3	4-6	2500
	Point of Ayre ...	1008.2	+4	N	4	bc	39	85	8	2	–	–	4-6	4-6	4000
13A	Tiree ...	1009.6	0	N'W	5	bc	43	75	8	7	6	–	4-6	4-6	2500
13B	Stornoway ...	1009.9	+12	NE	4	pr	41	92	8	8	7	–	7-8	9	1500
15	Dalwhinnie ...	1007.3	−2	NW	4	c	35	92	7	3	6	–	4-6	9+	2500
	Aberdeen ...	1008.6	+6	NW'N	5	ps	39	85	7	9	–	–	9+	9+	1500
	Wick ...	1004.6	+18	N	5	c	41	75	8	8	7	–	4-6	7-8	1500
16	Lerwick ...	1004.7	+12	NNE	5	c/phr	34	92	8	9	7	–	7-8	9	1500
17	Blacksod Point	1016.6	+4	NW	4	bc	42	85	8	3	6	–	4-6	4-6	2500
18	Malin Head ...	1012.2	+8	NW	3	bc	41	92	8	8	–	–	4-6	4-6	2500
	Aldergrove ...	1011.0	+4	NW'N	5	bc	41	65	9	2	–	–	4-6	4-6	2500
19	Birr Castle ...	1014.4	0	NW	2	c	43	65	8	8	–	–	9	9	2500
20	Valentia Obsy. †	1017.4	−2	NW	3	bc	45	55	9	7	–	–	2-3	2-3	4000
	Roches Point	1016.0	−2	N	3	bc	44	55	9	8	–	–	4-6	4-6	1500

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	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	+6	NNW	3	c/ps	36	85	5	8	–	–	9+	9+	1500	1	*
	Croydon ...	1003.5	+4	N'W	4	z/ps	37	75	5	9	6	–	7-8	9+	2500	1	*
	S. Farnborough	1003.6	0	W	3	c/p	39	65	8	9	6	3	4-6	7-8	4000	1	*
	Boscombe Down	1010.5	+2	W'N	5	bc	41	65	7	8	2	–	4-6	4-6	2500	1	*
	Calshot (Sthmtn.)	1010.8	0	W'N	4	bc	42	55	8	8	–	–	2-3	2-3	4000	1	2
	Lympne ...	1010.2	+10	NW'N	5	ps	37	75	6	9	–	–	9+	9+	800	1	[illegible]
	Manston ...	1009.4	+12	WNW	4	ss	34	92	4	6	–	–	10	10	220	1	*
2	Shoeburyness ...	1009.3	+8	W'N	2	c	34	92	6	9	7	–	4-6	9+	2500	1	*
	Felixstowe ...	1008.1	−2	NSW	3	c/ps	35	85	7	6	2	3	4-6	7-8	800	1	2
	Gorleston ...	1009.3	+4	SW'W	2	bc	35	85	6	8	1	–	2-3	4-6	2500	1	2
	Mildenhall ...	1008.0	0	W'N	4	bc	36	85	7	6	–	–	4-6	4-6	2500	1	*
	Cranwell ...	1007.8	+4	W	2	z₀	32	97	6	8	4	–	2-3	2-3	4000	7	*
3	Birmingham ...	1010.0	+4	NW	3	bc/phr	33	85	6	3	–	–	2-3	2-3	1500	4	*
	Upper Heyford	1010.1	+16	WNW	5	bc/ps	33	97	7	5	4	3	4-6	4-6	1500	1	*
4	Ross-on-Wye	1010.5	+6	NW'W	3	bc	37	65	8	8	–	–	2-3	2-3	4000	1	*
5	Portland Bill ...	1011.3	−6	NNW	4	bc	43	85	8	4	–	–	2-3	2-3	2500	1	3
	Plymouth ...	1013.8	+4	NW	3	b	42	55	9	1	–	–	1	1	2500	1	2
	The Lizard ...	1015.1	+4	NW'W	3	bc	41	65	8	1	–	–	2-3	2-3	2500	1	2
	Scilly (St. Mary's)	1015.8	+2	NNW	3	bc	43	65	8	1	–	–	2-3	2-3	2500	1	2
	Guernsey ...	1013.9	+4	NW	3	bc	43	55	9	1	–	–	2-3	2-3	2500	1	3
6	Pembroke ...	1012.3	−2	NW	4	q	42	55	8	5	–	–	2-3	2-3	4000	1	3
7	Holyhead ...	1010.6	+6	NW	5	c	42	75	9	8	–	–	7-8	7-8	2500	1	3
	Chester (Sealand)	1009.3	+10	W'N	4	bc	40	65	8	8	–	–	4-6	4-6	2500	1	*
8	Manchester ...	1008.6	+6	WNW	3	bc	37	65	8	4	3	–	2-3	2-3	2500	6	*
10	Spurn Head ...	1005.7	0	WSW	4	c	37	92	7	3	7	–	4-6	7-8	1500	0	3
	Catterick ...	1006.3	+4	NW	2	bc	40	45	8	–	3	2	0	2-3	–	1	*
	Tynemouth ...	1005.5	+2	NW	4	c	40	55	7	5	–	–	7-8	7-8	2500	3	2
11	Inchkeith ...	1007.0	+2	N	4	c	40	85	8	8	3	–	4-6	7-8	4000	0	2
	Leuchars ...	1007.0	+18	NNW	4	c	39	75	9	5	4	–	4-6	7-8	2500	1	*
12	Renfrew (Abbots I.)	1008.9	+18	NNW	1	bc	42	65	9	4	6	–	4-6	4-6	4000	1	*
	Eskdalemuir ...	1007.5	+12	N'W	3	bc	36	75	8	4	–	1	2-3	2-3	2500	4	*
	Point of Ayre ...	1008.9	+2	N'W	5	c	42	97	8	3	4	–	4-6	7-8	2500	0	3
13A	Tiree ...	1011.7	+16	N	6	bc	42	75	8	8	6	–	2-3	4-6	2500	0	4
13B	Stornoway ...	1012.6	+16	NE	5	bc/pr	40	85	8	8	7	–	4-6	7-8	2500	1	3
15	Dalwhinnie ...	1010.4	+18	N	3	c	35	85	7	8	6	–	7-8	10	2500	9	*
	Aberdeen ...	1005.9	+16	NW	3	bc/p	37	85	8	3	3	–	2-3	2-3	2500	1	1
	Wick ...	1006.1	+12	N	5	c/pr	40	92	8	8	7	–	4-6	7-8	1500	1	3
16	Lerwick ...	1006.4	+8	NNE	6	phr	40	85	7	9	7	–	7-8	9	800	1	*
17	Blacksod Point	1016.6	0	N	4	bc	43	65	8	4	–	–	4-6	4-6	2500	1	3
18	Malin Head ...	1012.6	+10	NNW	4	c	42	97	8	8	–	–	7-8	7-8	2500	0	3
	Aldergrove ...	1011.0	−2	NNW	5	pr	40	85	7	8	–	–	7-8	7-8	1500	1	*
19	Birr Castle ...	1014.1	−4	NW	2	bc	44	55	8	2	–	–	4-6	4-6	2500	1	*
20	Valentia Obsy. †	1017.1	0	N'W	4	bc	44	65	9	2	–	–	2-3	2-3	4000	1	2
	Roches Point	1015.4	−4	N	4	bc	44	65	9	3	–	–	4-6	4-6	2500	1	2

PAST 24 HOURS.

District	Stations.	Weather. 7h.—12h. 26th. (37)	Weather. 12h.—18h. 26th. (38)	Weather. 18h.—1h. 26th/27th. (39)	Weather. 1h.—7h. 27th. (40)
1	London (Kew)	bbccy	cq,s,cps₀	cs,bcbx	bx
	Croydon ...	bbcz,y	bz,ycpsz	ss bcb	bxc,b
	S. Farnborough	bbcy	bcpsqm,b	cPSm,bx	bx
	Boscombe Down	bbcy	cqps,bc	cPSbx	bx
	Calshot (Sthmtn.)	bm,bcy	bcy	bbcbx	bx
	Lympne ...	s,ps,bc	bcyz,cu	ossfbx	m,bx
	Manston ...	om,bcy	bcyoSf	smcbc	bbc cm₀
2	Shoeburyness ...	cbbcy	PScm₀	cm₀bx	b,cbcx
	Felixstowe ...	os,s,m,by	byossm	bcb	bx,cm₀
	Gorleston ...	cbcptus	bcps₀	bcbx	bccz₀x
	Mildenhall ...	ccy	psssfcbc	bcb	bbcxm₀
	Cranwell ...	bccpsss	s,s,shsf	bcb c,bx	bxbcm₀
3	Birmingham ...	bbcs₀	bcpsh	bcps	bcb
	Upper Heyford	bcxm,qy	bcqxps₀	bcbbcx	bccbcx
4	Ross-on-Wye	bbcvy	bcqyps,bc	bbcb	bx
5	Portland Bill ...	bc	bc	bcb	bbc
	Plymouth ...	bbcy	bcby	bxbcprb	bx
	The Lizard ...	bc	bc	bcx	bcx
	Scilly (St. Mary's)	bcy	bc	bbcc	cbc
	Guernsey ...	bc	bc	bcb	bbc
6	Pembroke ...	bcq	bccpcqybc	bcbq	bcc
7	Holyhead ...	bccbc	qph₀s,c	cpr,bc	bcpr₀
	Chester (Sealand)	bccpbPH	cPHpsbc	bcphx	bx
8	Manchester ...	bxcPSqssf	cpsfbc	bcprbc	bcx
10	Spurn Head ...	bbcc	cs,c	cq	crsq
	Catterick ...	bbcy	bcy	bcxb	bbc
	Tynemouth ...	bc	bcc	bccps	coirs
11	Inchkeith ...	c	c	c	c
	Leuchars ...	bvbcc	cqyc	cbcc	bccpr₀
12	Renfrew (Abbots I.)	xbcvy	bcvcy	bcbx	bbcx
	Eskdalemuir ...	cxps,bc	bcyps,bc	bcps,bx	bx
	Point of Ayre ...	phcbc	bcc	PHbc	bbc
13A	Tiree ...	bc	bc	bcphr	bc
13B	Stornoway ...	bccprq	cpr₀q	cbcphr	bcc
15	Dalwhinnie ...	ciso	cis	*	cis
	Aberdeen ...	b,cps	phprs₀	bqpr₀	bcprs
	Wick ...	cprsc	cpr₀	cphrq	c
16	Lerwick ...	cprh	phrsq	phrs	cphr
17	Blacksod Point	ph₀bc	phs₀q	pr₀c	pr₀c
18	Malin Head ...	cps,bc	bcc	bc	c
	Aldergrove ...	cps,bbc	bycpr₀	cbc	bcbx
19	Birr Castle ...	bbccy	cps₀bcy	bcb	bx
20	Valentia Obsy. †	bxbcvy	bcvy	bcbvx	bxv
	Roches Point	bcvy	bcv	bcvbx	bxb

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.*

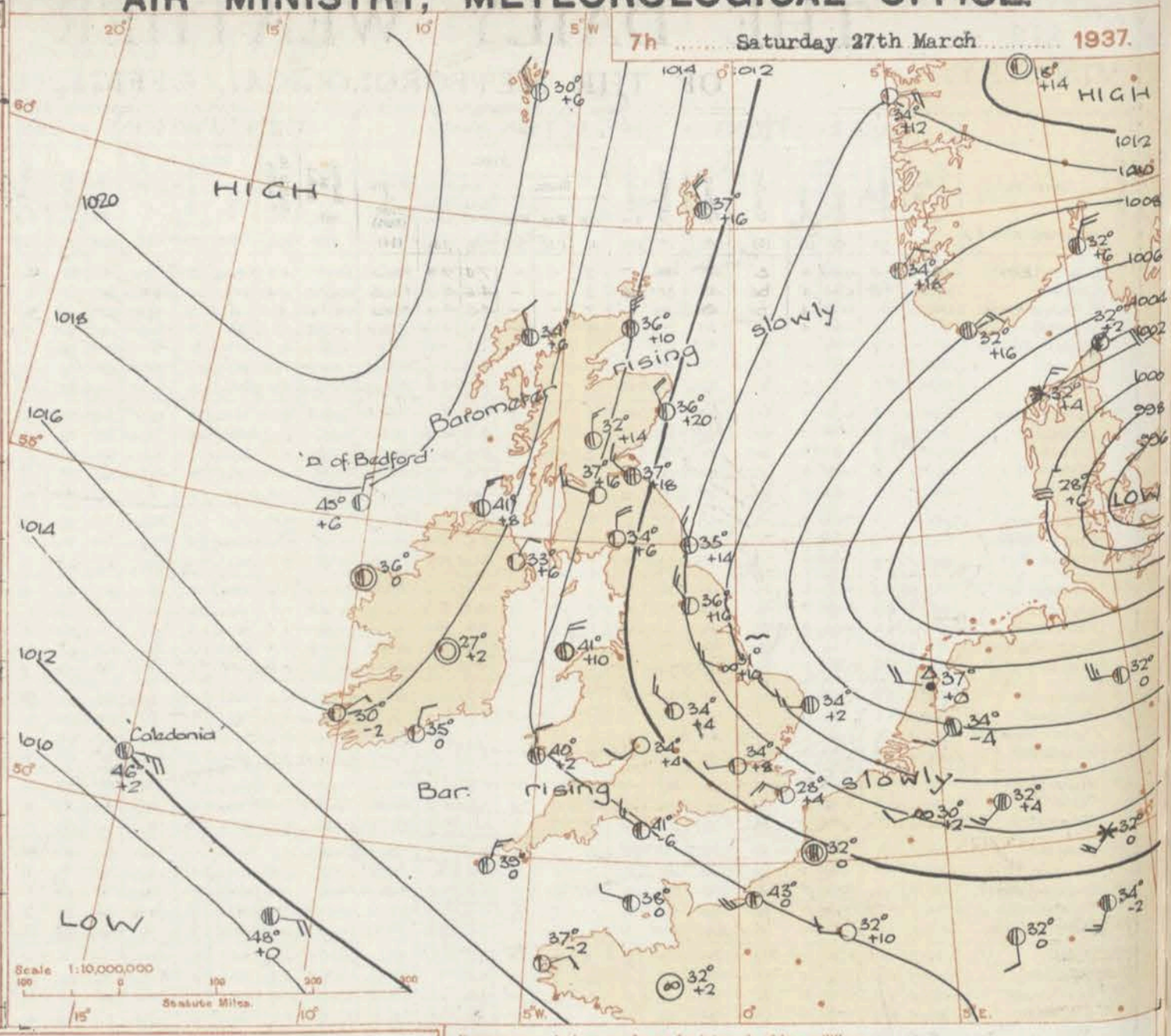
† Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 26th March 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.	b	bbcps	32	45	8	Trace	8.9	8.4
	Bournemouth	b	b	31	47	10	—	10.2	5.7
	Ventnor ...	nb	bc	32	46	11	—	10.3	6.9
	Southsea ...	b	b	33	47	10	—	10.2	6.4
	Bognor Regis	bc	bc	33	46	10	—	8.5	7.9
	Littlehampton	bbc	bc	33	48	11	—	8.3	7.9
	Worthing ...	b	bbcrs	33	48	10	Trace	8.3	8.4
	Brighton ...	b	bcscb	34	46	10	0.4	8.4	7.7
	Eastbourne† ...	bby	bybcy	34	47	9	—	8.3	8.7
	Hastings† ...	bc	bc	38	46	9	—	9.0	8.0
	Folkestone ...	b	bbcc	38	45	7	—	7.3	9.1
	Dover ...	ybc	bccy	35	46	8	—	7.1	8.9
	Deal	ob	bbc	34	46	5	—	7.5	8.2
	Ramsgate	b	bbcc	34	43	8	—	6.9	9.1
	Margate ...	bc	bcc	34	44	6	—	7.0	9.5
2	Southend ...	b	boc	33	46	2	1	8.3	9.1
	Maldon ...	b	bcosc	34	44	—	2	7.2	7.7
	Clacton-on-Sea	bc	bccosc	32	44	1	2	6.4	8.3
	Dovercourt ...	bv	bcsoc	33	44	—	0.2	6.2	8.1
	Lowestoft ...	cbcb	bbcbs	32	44	0.4	Trace	4.6	7.1
	Skegness ...	b	bcpsb	29	38	3	1	6.5	6.8
	Mablethorpe...	bbc	bccsc	29	42	1	Trace	8.3	7.2
	Cleethorpes ...								
3	Leamington S.	bcc	cps	29	45	—	0.3	5.0	6.5
4	Cheltenham†	bc	bccs	29	45	0.5	Trace	7.2	7.5
5	Bath	b	bbcc	32	46	4	—	8.4	4.5
	Weymouth ...	b	b	32	48	11	—	10.5	2.2
	Jersey ...	cbc	bc	30	46	6	—	10.1	0.1
	Torquay ...	wb	by	32	47	13	—	10.6	0.0
	Penzance ...	b	b	38	48	1	—	10.4	0.0
	St. Ives ...	b	b	40	50	6	—	10.0	0.0
	Bude... ...	bc	bc	37	43	7	—	10.5	0.0
	Ilfracombe ...	orrbc	bc	36	44	5	—	9.7	1.1
6	Aberystwyth	psbc	prsbc	31	42	Trace	2	7.6	6.5
7	Llandudno ...	hcbc	lhsbc	35	42	—	0.1	4.2	8.7
	Colwyn Bay...	bchc	bchsc	35	42	0.5	1	4.0	7.5
	Rhyl	phbc	hosbc	36	42	—	0.3	5.7	8.1
8	Wallasey ...	bccbc	bphbc	34	42	—	0.5	4.7	6.6
	Southport ...	cihs	cpsbc	30	42	—	2	4.8	9.7
	Blackpool ...	coshtl	crsbcb	30	41	—	2	5.7	10.3
	Morecambe ...	bccs	bbsbs	28	43	—	2	7.4	11.3
9	Ilkley... ...	bbc	cpscb	19	41	6	0.1	7.5	6.2
	Harrogate ...	bbc	bbc	24	40	3	—	7.9	8.2
10	Berwick-on-T.	bc	crs	29	42	—	Trace	7.2	6.9
11	Dunbar ...	bc	cr	28	42	—	0.3	6.9	7.2
12	Troon... ...	xbc	bbcb	34	44	—	—	6.4	11.4
	Douglas ...	bcphs	bcphs	32	42	Trace	0.5	8.0	9.5

† 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. 27th March, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Moderate northwest winds, falling light; bright periods and showers; rather cold with frost at night but temperature rising later.
4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ...	Moderate northwest wind, becoming variable and freshening from southeast or east; bright periods at first with occasional showers but cloud spreading later from southwest followed by periods of rain; average temperature.
8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Moderate northwest or north winds, falling light; bright periods and wintry showers; rather cold with frost at night but temperature rising later.
17 N. W. Ireland 18 N. E. Ireland	Light variable winds becoming easterly; bright periods at first with occasional showers; becoming cloudy; average temperature.
19 S. E. Ireland 20 S. W. Ireland	Light variable winds freshening from east; fine at first but cloud and rain spreading from southwest later; average temperature.

GENERAL INFERENCE.

A ridge of high pressure over Western Ireland will move east and a complex depression over mid-Atlantic will spread eastwards. There will be long bright periods and showers in most districts but in the Southwest cloud will spread in followed by rain later. It will be less cold than of late.

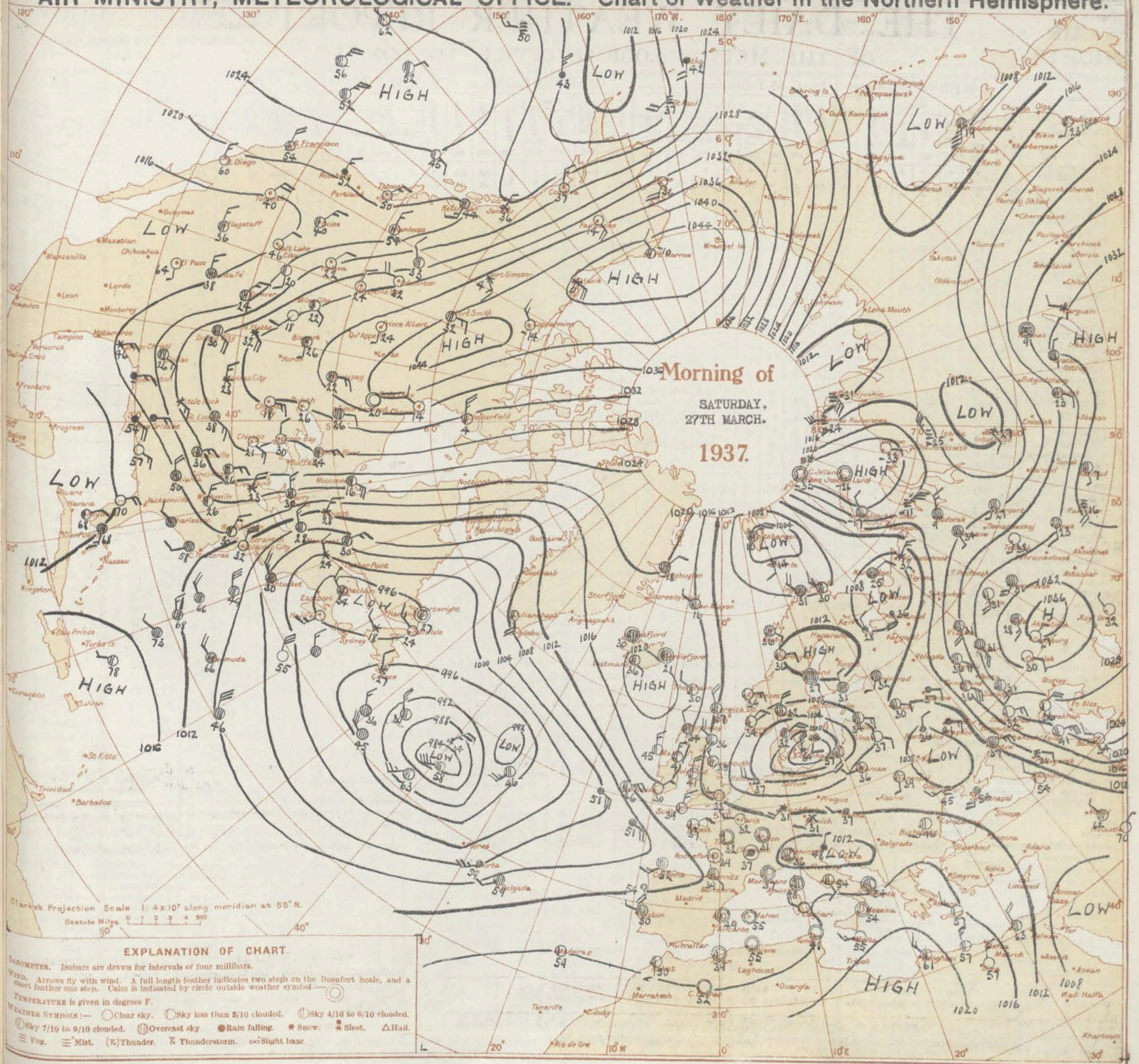
FURTHER OUTLOOK.

Cloud and rain probably spreading northeast with less cold conditions.

Forecasts issued at 1030 G.M.T.

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

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 27th March, 1937
No. 27519.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud Form Low (9)	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	1010.8	+2	WSW	4	b	33	85	7	–	6	–	0	Tr	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1011.1	+4	NNW	3	b	29	92	6	–	–	–	0	0	–
	Manston ...	142	1009.7	+2	NW'W	3	bc	33	85	6	5	–	–	4-6	4-6	2500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1007.6	-4	WSW	3	b	30	85	6	–	–	–	0	0	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1013.5	-2	NW	3	b	40	92	6	–	–	–	0	0	–
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1015.2	-2	NW	2	bc	39	85	8	2	–	–	2.3	2.3	2500
	Scilly (St. Mary's)	163	1015.6	-4	NNW	2	c	40	75	8	7	–	–	7.8	7.8	4000
	Guernsey ..	175	1014.6	0	NNW	1	b	39	65	9	1	–	–	1	1	2500
6	Pembroke ...	142	1013.0	+2	NW'N	3	q	41	78	6	–	6	–	0	Tr	–
7	Holyhead ...	26	1011.9	+8	NNW	4	bc	42	92	9	2	–	–	2.3	2.3	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1007.0	+4	NW'W	5	q	36	85	6	–	6	–	0	7.8	–
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1008.4	+6	W	3	c/ps	35	92	7	–	2	–	7.8	7.8	1500
11	Inchkeith ...	190	1009.9	+10	NW	3	c	38	75	8	8	–	–	9+	9+	4000
	Leuchars ...	38	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1011.7	+12	N	4	b	40	97	8	–	–	–	0	0	–
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1015.6	+8	N	4	bc	34	85	8	5	7	–	2.3	2.3	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1011.3	+12	N	5	pr	37	97	8	9	6	–	4.6	7.8	1500
16	Lerwick ...	156	1009.6	+10	NE	5	bc	39	85	8	8	–	–	4.6	4.6	1500
17	Blacksod Point	18	1016.7	0	N	2	bc	39	85	8	2	–	–	2.3	2.3	2500
18	Malin Head ...	84	1014.9	+8	N	3	c	41	97	8	8	–	–	7.8	7.8	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1017.2	0	NE	1	b	37	92	9	–	–	–	0	0	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1011.3	+8	W	1	b	34	85	7	5	–	–	Tr	Tr	2500	1	*
Croydon	1011.0	+6	W'N	3	b	33	85	6	–	–	–	0	0	-	1	*
S. Farnborough	1011.9	+10	W'N	1	b	31	92	7	–	3	–	0	Tr	–	4	*
Boscombe Down	1012.7	+6	WNW	2	b	32	92	7	–	–	-	0	0	–	4	*
Calshot (Sthmtn.)	1012.6	+6	NW	1	b	32	85	7	–	–	–	0	0	–	3	§1
Lympne	1011.2	+4	NW'W	3	b	28	92	7	5	–	–	Tr	Tr	2500	7	2
Manston	1010.0	+24	W'S	3	c	33	85	6	5	–	–	9+	9+	800	1	*
Shoeburyness	1010.2	+4	W	2	bc	33	85	7	5	–	–	2-3	2-3	4000	1	*
Felixstowe	1008.9	+6	W	4	z_0	35	85	6	5	–	3	7-8	7-8	1500	1	2
Gorleston	1007.7	+2	W	3	c	34	85	6	8	–	4	4-6	7-8	2500	3	2
Mildenhall	1009.3	+6	W'N	4	z_0	33	85	6	5	4	–	1	2-3	2500	1	*
Cranwell	1009.6	+10	WNW	3	z_0	31	97	6	5	3	–	Tr	1	2500	8	*
Birmingham	1011.7	+4	NW	3	bc	34	85	5	5	4	–	1	2.3	4000	4	*
Upper Heyford	1011.9	+8	WNW	3	bc	33	92	8	5	3	–	2.3	2.3	2500	0	*
Ross-on-Wye	1012.7	+4	SW	2	b	34	85	8	–	–	–	0	0	–	3	*
Portland Bill	1012.5	-6	NW	3	bc	41	85	8	4	–	–	2-3	2-3	2500	1	3
Plymouth	1014.6	+2	–	0	b	31	97	8	8	–	–	Tr	Tr	2500	3	1
The Lizard	1014.4	0	NNW	2	b	37	65	8	7	–	-	1	1	2500	1	1
Scilly (St. Mary's)	1014.8	0	NNE	3	bc	39	65	8	1	–	–	2-3	2-3	2500	1	2
Guernsey	1015.0	0	WNW	1	bc	38	75	9	1	–	-	2-3	2-3	2500	1	1
Pembroke	1012.8	+2	N	2	c	40	92	7	5	7	–	4-6	7-8	2500	1	2
Holyhead	1013.5	+10	N'E	4	bc/pr	41	85	8	2	–	–	4-6	4-6	2500	1	3
Chester (Sealand)	1012.1	+12	NW	3	bc	37	75	7	8	–	–	2-3	2-3	2500	3	*
Manchester	1011.9	+16	WNW	3	bc	32	85	7	5	7	-	4-6	4-6	4000	4	*
Spurn Head	1007.4	+8	NW	6	q	35	97	7	5	2	-	4-6	7-8	1500	1	4
Catterick	1010.7	+16	NW'N	3	bc	36	85	7	5	9	9	2-3	4-6	1500	1	*
Tynemouth	1009.8	+14	NNW	3	bc/rs	35	92	8	9	–	–	4-6	4-6	1500	1	2
Inchkeith	1012.7	+18	NW	3	c	37	85	8	5	–	–	9+	9+	4000	0	2
Leuchars	1012.3	+16	NW	2	bc/pr	37	85	8	5	–	–	4-6	4-6	1500	1	*
Renfrew (Abbots I.)	1014.0	+16	W'N	2	bc	37	65	9	5	4	1	2-3	2-3	4000	3	*
Eskdalemuir	1012.2	+6	N	4	b	34	85	8	5	–	–	1	1	2500	4	*
Point of Ayre	1013.3	+10	N'E	4	b	39	97	8	1	–	–	Tr	Tr	2500	1	2
Tiree	1016.0	+8	N'E	4	bc	40	75	8	1	4	–	2-3	2-3	4000	0	3
Stornoway	1016.7	+6	NNW	2	c	34	85	8	5	7	–	4-6	7-8	2500	1	1
Dalwhinnie	*	+14	N	3	bc	32	85	7	4	6	–	2-3	2-3	2500	9	*
Aberdeen	1011.9	+20	NW'N	4	bc	36	85	8	9	3	–	2-3	4-6	1500	1	1
Wick	1013.1	+10	N	5	c	36	97	8	8	7	–	4-6	7-8	1500	1	3
Lerwick	1012.3	+16	NNW	4	c	37	85	8	8	7	–	4-6	7-8	1500	1	*
Blacksod Point	1016.7	0	—	0	bc	36	92	8	2	–	–	2-3	2-3	2500	1	1
Malin Head	1016.1	+8	N'E	3	bc	41	92	8	2	–	–	4-6	4-6	4000	0	2
Aldergrove	1015.0	+6	NE'N	2	b	33	92	8	5	[illegible]	–	Tr	Tr	1500	1	*
Birr Castle	1015.6	+2	–	0	b	27	97	8	–	–	–	0	0	–	3	*
Valentia Obsy. †	1016.2	-2	NE'E	1	b	30	92	9	1	–	–	Tr	Tr	4000	1	1
Roches Point	1015.9	0	N'E	2	b	35	92	8	5	–	-	1	1	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)	45	31	23	0.3	0.1	9.2
Croydon	45	31	29	Tr	Tr	8.7
S. Farnborough	48	29	20	0.2	1	~~7.9~~ 8.1
Boscombe Down	44	29	22	Tr	0.4	8.9
Calshot (Sthmtn.)	45	30	26	–	–	10.5
Lympne	44	27	21	Tr	1	7.9
Manston	45	31	28	0.6	1	7.1
Shoeburyness	46	30	25	2	–	7.5
Felixstowe	42	32	28	1	0.1	6.2
Gorleston	43	30	29	1	–	6.5
Mildenhall	43	31	26	1	Tr	6.5
Cranwell	42	29	26	2	–	5.6
Birmingham	41	32	27	1	0.1	6.0
Upper Heyford	46	29	24	1	–	*
Ross-on-Wye	45	33	20	Tr	–	10.1
Portland Bill	45	38	*	–	–	*
Plymouth	44	29	(25)†	-	1	11.4
The Lizard	45	35	*	–	–	*
Scilly (St. Mary's)	46	37	*	–	–	11.3
Guernsey	46	35	26	–	–	11.4
Pembroke	45	36	*	0.1	–	10.1
Holyhead	43	40	36	0.1	0.1	7.9
Chester (Sealand)	42	35	29	2	0.3	6.9
Manchester	38	29	20	5	0.2	5.6
Spurn Head	40	35	*	Tr	0.5	8.4
Catterick	41	35	29	–	–	10.5
Tynemouth	41	33	31	–	4	8.4
Inchkeith	43	36	33	–	–	7.4
Leuchars	41	36	30	–	Tr	5.1
Renfrew (Abbots I.)	45	32	23	–	–	5.6
Eskdalemuir	42	32	28	Tr	-	6.9
Point of Ayre	44	37	*	Tr	2	6.7
Tiree	44	38	37	–	0.2	9.4
Stornoway	44	34	*	5	1	3.2
Dalwhinnie	36	31	29	0.2	0.1	2.9
Aberdeen	40	33	31	0.6	5	2.8
Wick	43	35	*	0.1	1	*
Lerwick	42	35	*	1	1	3.4
Blacksod Point	45	30	*	1	0.1	*
Malin Head	43	39	*	0.5	–	8.2
Aldergrove	44	32	23	0.5	–	7.5
Birr Castle	45	26	15	Tr	–	9.1
Valentia Obsy. †	46	29	24	Tr	Tr	10.5
Roches Point	45	34	*	–	–	*

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.	Humidity 15h. G.M.T. %	Humidity 9h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	bbccy	cs0cps	cs0bcbx	45	31	23	0.3	0.1	9.2	•	•	6
Croydon	217	bbcz0y	bz0ypsz0	ssbcxb	45	31	29	Tr	Tr	8.7	•	•	6
Greenwich (Royal Observatory)	149	bbcy	bcycis	isbcs0b	46	31	25	2	Tr	7.8	40	72	6
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	6.1	•	•	•
Westminster (St. James' Park)	27	•	•	•	47	32	27	2		8.9	!	75	•
Regents Pk. (Botanic Gardens)‡	168	•	•	•	45	32	28	2	0.4	8.9	65	86	•
Camden Square	110	bbc	ccs	•	46	32	25	1	0.5	•		73	•
Kensington	80	bc	bcrs	•	45	32	27	0.6	1	9.0	At 18h. 87	74	•
Hampstead Observatory	450	bc	bcos	ossbc	44	29	22	1	1	8.6	•	86	•

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	19-21h 26th	<0.3	3-4h 27th

Kew Observatory. Max.	Time.	Min.	Time.
0.1	20h 26th	<0.1	0-4h 27th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 26th March Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 27th March Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1012.5	WNW	3	b	41	1013.7	W	2	b	32	45	32	–	–
Brussels	1009.1	W	2	b	37	1009.5	WSW	2	z_0	30	39	30	3	1
Berlin	992.8	SW	5	r_0r_0	43	1003.8	SW'W	6	c	34	45	32	6	1
Zürich						1013.1	SSE	2	s_0s_0	32	•	32		1
Rome	1015.1	S	2	bc	54	1015.0	SSE	4	bc	54	•	•	–	–

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

† Estimated: (thread broken)

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 28th March, 1937.
No. 27520.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°F Temp. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1012·8	+4	NNW	3	z_o	44	55	6	2	-	-	9	9	2500
	Croydon ...	1012·1	+2	NW	4	z_o	44	55	6	8	6	-	7·8	9	4000
	S. Farnborough	1012·8	+2	NNW	3	c	46	55	6	7	-	-	7·8	7·8	4000
	Boscombe Down	1013·6	+2	NW'N	3	bc	43	65	8	5	-	-	4·6	4·6	2500
	Calshot (Sthmtn.)	1013·4	+4	NW	3	c	45	65	7	7	-	-	7·8	7·8	4000
	Lympne ...	1012·2	+4	NW'N	3	c	42	55	7	5	-	-	9+	9+	1500
	Manston ...	1011·2	+6	NW	4	c	43	65	8	7	-	-	7·8	7·8	4000
2	Shoeburyness ...	1011·4	+10	NW'N	3	c	45	65	7	9	-	-	9	9	1500
	Felixstowe ...	1010·6	+8	WNW	4	c	43	65	7	7	-	3	9	9	2500
	Gorleston ...	1009·4	+10	NW'N	5	bc/phr	43	65	7	8	-	-	4·6	4·6	2500
	Mildenhall ...	1011·4	+10	NNW	5	c	43	65	8	8	-	-	7·8	7·8	2500
	Cranwell ...	1011·9	+12	N	4	jp	45	55	8	3	-	-	7·8	7·8	2500
3	Birmingham ...	1013·4	+8	NNW	8	m	41	65	4	5	-	-	4·6	4·6	2500
	Upper Heyford	1013·1	+6	NNW	4	z_o	45	55	6	8	-	-	4·6	4·6	2500
4	Ross-on-Wye	1013·5	+4	N'W	3	bc	46	45	8	7	-	-	4·6	4·6	4000
5	Portland Bill ...	1013·7	+6	NW	3	bc	48	85	8	4	-	-	2·3	2·3	2500
	Plymouth ...	1014·1	−6	NW	2	bc	48	55	9	8	-	-	4·6	4·6	2500
	The Lizard ...	1014·9	0	E	2	bc	49	65	8	8	4	-	2·3	4·6	2500
	Scilly (St. Mary's)	1015·0	+2	E	2	bc	47	65	9	7	-	-	2·3	2·3	4000
	Guernsey ...	1014·7	0	NNW	2	bc	47	65	8	1	-	-	4·6	4·6	2500
6	Pembroke ...	1014·0	+2	N	3	q	47	55	8	5	6	-	4·6	4·6	2500
7	Holyhead ...	1015·3	+10	NNE	3	bc	45	75	9	1	3	-	2·3	2·3	4000
	Chester (Sealand)	1014·2	+10	NW	3	bc	44	55	7	8	-	-	4·6	4·6	2500
8	Manchester ...	1013·7	+2	N	3	jp	43	55	7	8	-	-	9	9	4000
10	Spurn Head ...	1011·6	+18	N'W	5	q	43	75	8	4	6	-	4·6	7·8	1500
	Catterick ...	1013·7	+16	NW'N	3	c/ps	37	92	7	9	3	-	7·8	7·8	1500
	Tynemouth ...	1013·3	+20	N	3	c/phr	35	97	7	6	-	-	7·8	7·8	800
11	Inchkeith ...	1014·9	+10	NE	4	c	41	75	8	8	-	-	9	9	4000
	Leuchars ...	1015·3	+10	N	3	c	45	65	9	5	-	-	7·8	7·8	2500
12	Renfrew (Abbots I.)	1015·7	+6	N'E	3	c	46	45	9	7	-	-	7·8	7·8	4000
	Eskdalemuir ...	1014·3	+4	NNE	5	bc	42	55	8	1	-	-	4·6	4·6	2500
	Point of Ayre ...	1015·5	+14	NE	3	bc	45	85	8	4	-	-	4·6	4·6	4000
13A	Tiree	1017·4	+6	NNE	3	bc	44	65	8	7	4	-	2·3	2·3	4000
13B	Stornoway ...	1017·9	+4	NNW	3	c/pr	41	85	9	8	7	-	7·8	9	4000
15	Dalwhinnie ...	*	+10	N	2	c	37	65	8	4	6	-	4·6	9	2500
	Aberdeen ...	1014·6	+12	NNW	3	bc/ps	41	75	8	3	-	3	2·3	2·3	1500
	Wick ...	1015·1	+6	NNW	4	c	43	75	8	8	-	-	7·8	7·8	1500
16	Lerwick ...	1013·8	+6	N	3	c	40	75	8	8	7	-	4·6	7·8	1500
17	Blacksod Point	1017·3	+4	NE	2	bc	47	65	8	1	-	-	2·3	2·3	2500
18	Malin Head ...	1017·9	+6	NNE	2	bc	44	92	8	1	-	-	2·3	2·3	4000
	Aldergrove ...	1016·2	+6	NE	3	bc	47	55	9	1	-	-	2·3	2·3	2500
19	Birr Castle ...	1015·7	+4	NE	1	bc	46	55	8	2	-	-	4·6	4·6	4000
20	Valentia Obsy. †	1015·8	−6	ESE	2	bc	50	55	9	1	-	-	2·3	2·3	4000
	Roches Point	1016·2	0	SE	3	bc	44	75	9	1	-	-	4·6	4·6	4000

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°F Temp. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1013·5	+12	NNW	2	z_o	44	65	6	2	-	1	2·3	4·6	4000	1	*
	Croydon ...	1013·4	+10	NE	3	z_o	44	55	6	8	6	-	7·8	9+	4000	1	*
	S. Farnborough	1013·7	+10	NNW	1	bc	45	55	7	4	-	-	4·6	4·6	4000	1	*
	Boscombe Down	1014·0	+4	NNW	2	bc	43	65	7	5	7	-	2·3	2·3	2500	1	*
	Calshot (Sthmtn.)	1013·9	+6	NW'N	2	bc	44	65	7	8	6	-	1	4·6	4000	1	§ 1
	Lympne ...	1013·7	+10	NNW	2	bc/pr	37	85	7	8	6	-	4·6	4·6	4000	1	‡
	Manston ...	1012·8	+12	N	3	bc	40	75	7	8	-	-	2·3	2·3	4000	1	
2	Shoeburyness ...	1013·1	+14	NW'N	2	bc	41	75	8	8	4	-	1	2·3	2500	1	*
	Felixstowe ...	1012·7	+20	NW'N	3	bc	40	65	7	8	-	-	2·3	2·3	2500	1	2
	Gorleston ...	1012·1	+12	NNW	4	bc	40	75	7	8	-	-	4·6	4·6	2500	1	2
	Mildenhall ...	1013·5	+14	N'W	3	b	42	65	8	4	-	-	1	1	4000	1	*
	Cranwell ...	1013·9	+14	NE	2	jp	40	75	8	8	4	3	7·8	7·8	2500	1	
3	Birmingham ...	1014·5	+8	NNW	3	m	42	65	4	5	6	-	2·3	7·8	2500	1	*
	Upper Heyford	1014·1	+10	NNW	3	z_o	42	65	6	7	3	-	4·6	4·6	1500	1	*
4	Ross-on-Wye	1014·0	0	N'W	2	z_o	43	65	6	5	-	-	1	1	4000	1	*
5	Portland Bill ...	1013·9	+6	WNW	2	bc	45	85	8	4	-	-	4·6	4·6	2500	1	2
	Plymouth ...	1013·7	+4	SSW	3	bc	45	75	8	8	4	5	2·3	4·6	2500	1	2
	The Lizard ...	1014·3	−2	-	0	bc	46	65	8	8	-	-	4·6	4·6	2500	1	1
	Scilly (St. Mary's)	1014·3	−4	ENE	3	c	44	65	8	7	3	-	4·6	7·8	4000	1	2
	Guernsey ...	1014·4	0	-	0	b	44	65	9	-	-	1	0	1	-	1	1
6	Pembroke ...	1014·8	0	NNE	3	bc	43	65	8	5	-	-	2·3	2·3	4000	1	1
7	Holyhead ...	1015·7	+2	NNE	2	b	42	85	8	1	-	-	Tr	Tr	4000	1	2
	Chester (Sealand)	1015·0	+10	NW	3	bc	43	65	7	8	-	-	4·6	4·6	2500	1	*
8	Manchester ...	1015·0	+8	N'W	1	c	40	85	7	8	4	-	4·6	7·8	2500	1	
10	Spurn Head ...	1013·6	+16	NNW	4	bc	40	85	7	2	4	4	2·3	4·6	1500	0	4
	Catterick ...	1015·2	+12	N'W	3	bc	38	85	7	3	4	-	2·3	4·6	2500	1	*
	Tynemouth ...	1014·0	+6	NNW	4	c/prs	38	85	8	9	-	-	7·8	7·8	800	1	2
11	Inchkeith ...	1015·6	+2	N	2	bc	40	75	8	5	4	-	4·6	4·6	4000	0	1
	Leuchars ...	1016·4	+6	N	2	bc	42	55	9	1	-	-	4·6	4·6	4000	1	*
12	Renfrew (Abbots I.)	1016·3	+6	N'E	3	bc	41	55	9	2	6	-	Tr	2·3	4000	0	*
	Eskdalemuir ...	1016·4	+12	NNE	3	b	36	75	9	8	-	3	1	1	2500	1	
	Point of Ayre ...	1016·0	0	-	0	bc	45	92	8	-	5	-	0	4·6	—	0	1
13A	Tiree	1017·5	+2	N	4	bc	41	75	8	7	5	-	2·3	2·3	4000	0	3
13B	Stornoway ...	1018·4	+10	NE	3	bc	39	75	9	8	7	-	2·3	4·6	2500	1	2
15	Dalwhinnie ...	*	+2	E	1	bc	34	75	8	4	6	-	2·3	4·6	4000	9	*
	Aberdeen ...	1015·7	+8	NW'N	3	jp	38	75	8	3	-	-	2·3	2·3	2500	1	2
	Wick ...	1016·0	+4	NNW	4	c/phr	39	97	8	8	6	-	4·6	7·8	1500	1	2
16	Lerwick ...	1015·7	+16	NE	3	bc	39	85	8	8	-	-	4·6	4·6	1500	1	*
17	Blacksod Point	1017·0	0	NE	4	bc	45	75	8	1	-	-	2·3	2·3	2500	0	4
18	Malin Head ...	1017·8	+2	N'W	2	b	42	92	8	-	-	-	0	0	-	0	1
	Aldergrove ...	1016·4	0	N'E	1	bc	45	55	8	1	-	-	4·6	4·6	4000	1	*
19	Birr Castle ...	1015·6	−2	SE	1	bc	48	45	8	1	-	-	2·3	2·3	4000	1	*
20	Valentia Obsy. †	1015·3	+2	SSW	3	bc	46	65	9	1	-	-	2·3	2·3	4000	1	1
	Roches Point	1015·9	0	ESE	3	bc	44	75	9	2	-	-	2·3	2·3	2500	0	2

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 27th (37)	13h.—18h. 27th (38)	18h. 27th to 1h. 28th (39)	1h.—7h. 28th (40)
1	London (Kew)	bxcz$_o$y	cz$_o$	cbcbx	bm$_o$x
	Croydon ...	bbcz$_o$c$_o$y	cz$_o$yp$_o$c	cbcbm	bmfx
	S. Farnborough	bbccy	cz$_o$ybcy	bcybx	bxm
	Boscombe Down	bxbc	bcybc	bcbx	bx
	Calshot (Sthmtn.)	bxbc	bcc	bcbbx	bxm$_o$
	Lympne ...	bz$_o$cy	cycq,p$_o$	cbx	bxbcf
	Manston ...	bbcc	bcy,p$_o$	bcbbc	bcx
2	Shoeburyness ...	bcxb,c	cp$_o$pb	bx	bm$_o$x
	Felixstowe ...	cm$_o$bcc	cph$_o$cbc	bbc	bcxf
	Gorleston ...	bcphs$_o$	bcph$_o$	bcphr$_o$	bccfx
	Mildenhall ...	bbcmp$_o$	bcy	bc	bxbcm
	Cranwell ...	bbccy	bcycp$_o$sh	cp$_o$bcc	c,bxbcb
3	Birmingham ...	bc	bcm	bcb	bx
	Upper Heyford	bcbbcy	bcz$_o$cbc	bcbbcm$_o$	fbmfx
4	Ross-on-Wye	bbccbc	bcycybz$_o$	bz$_o$	bxm$_o$bcm$_o$
5	Portland Bill ...	bcbc	bcbc	b	b
	Plymouth ...	bxm$_o$bcy	bcybc	bc	bcxb
	The Lizard ...	bc	bc	bcb	bbcc
	Scilly (St. Mary's)	bc	bcc	cbc	bc
	Guernsey ...	bc	bcb	bw	bwbc
6	Pembroke ...	cbcqy	bc	bbc	bcb
7	Holyhead ...	bc,b	b	b	bx
	Chester (Sealand)	b,cbcy	bcy	bcb	bxm
8	Manchester ...	bccz$_o$c	cp$_o$r$_o$bc	bcbm	bmffx
10	Spurn Head ...	ir$_o$q	q,cbc	bcp$_o$	bccq
	Catterick ...	p$_o$r$_o$cps	cprhq	bcbwx	bx
	Tynemouth ...	bccphr	cprs	bc	bcpso
11	Inchkeith ...	c	cbc	bc	bce
	Leuchars ...	cjpc	cbcy	bcybx	bx
12	Renfrew (Abbots I.)	bcxcy	bcvby	bcyx	bx
	Eskdalemuir ...	bxbcy	bcyq,b	bjpbx	bx
	Point of Ayre ...	bc	bc	bcbb	bc
13A	Tiree	bbc	bc	bcb	b
13B	Stornoway ...	cpr	bc	bcp$_o$r$_o$	bccv
15	Dalwhinnie ...	c	c	*	bcc
	Aberdeen ...	pshprs	bbcvb	b	phbcv
	Wick ...	c	cphr	cp$_o$r$_o$	c
16	Lerwick ...	cphr	cbc	bc	bcc$_o$p$_o$r$_o$
17	Blacksod Point	bc	bc	bc	bc
18	Malin Head ...	cbc	bcb	bc	bccv
	Aldergrove ...	bxbcbv	bcvy	bcvyb	bbx
19	Birr Castle ...	bbcy	bcy	bc	bcx
20	Valentia Obsy. †	bxbcvy	bcvybc	bcwbx	bxb
	Roches Point	bbc	bc	bcbx	bxbc

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.*

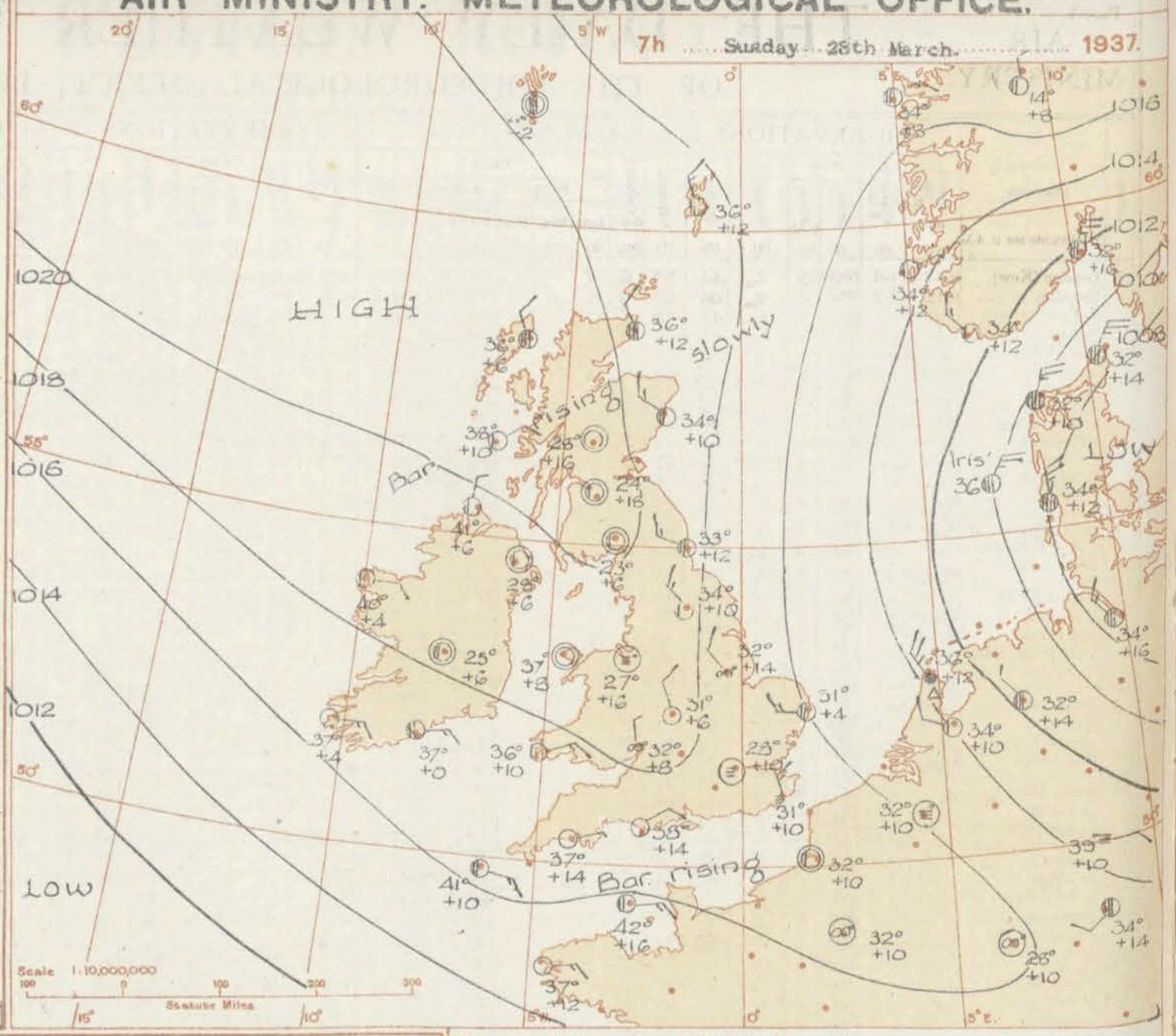
‡ Sea disturbance reported from Dungeness.

AIR MINISTRY. METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 27th March 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.	bcc	c	28	46	0·3	–	6·1	9·3
	Bournemouth	b	bcc	31	50	1	–	7·2	11·2
	Ventnor ...	xb	bbc	33	50	–	–	8·8	11·0
	Southsea ...	bb	bc	32	49	–	–	7·4	11·0
	Bognor Regis	bbcbc	bcbc	31	48	0·3	–	8·0	8·9
	Littlehampton	bbc	bc	31	48	0·2	–	7·2	8·6
	Worthing ...	bbc	bccbc	31	47	1	–	7·8	8·4
	Brighton ...								
	Eastbourne† ...	bbccy	cy	33	49	1	–	7·7	8·3
	Hastings† ...	bbcc	cboc	31	47	0·3	–	6·8	9·0
	Folkestone ...	xbbcc	cr,c	29	45	2	Trace	6·6	7·3
	Dover ...	ybc	bcp,c	31	45	3	Trace	6·8	7·2
	Deal	b	cbccr	31	46	2	Trace	7·2	7·8
	Ramsgate ...	bc	bccphc	32	46	1	1	7·8	6·9
	Margate ...	bc	bcprs	34	45	0·6	0·2	7·4	7·0
2	Southend ...	bbcc	cp,c	30	47	0·5	Trace	7·0	8·3
	Maldon ...	bcb	bcbv	32	45	2	–	6·5	7·2
	Clacton-on-Sea	cbc	bccpbc	30	45	1	1	5·3	6·4
	Dovercourt ...	bbc	bhc	30	46	–	Trace	6·3	6·3
	Lowestoft ...	cbcpr	bcpr	30	44	–	Trace	5·9	4·5
	Skegness ...	bp,b	b	31	44	Trace	0·1	9·2	7·0
	Mablethorpe...	cpbc	bcpbc	31	44	Trace	Trace	9·0	8·3
	Cleethorpes ...	bcrbc	bc	33	44	1	0·5	8·0	
3	Leamington S.	bc	c	30	46	–	–	5·6	5·0
4	Cheltenham†	cbcc	cbcc	29	47	0·5	–	7·2	7·2
5	Bath	bbc	bcc	31	48	1	–	6·6	8·4
	Weymouth ...	b	bcb	33	50	0·3	–	9·1	11·7
	Jersey ...	bccb	bc	35	48	–	–	9·2	10·8
	Torquay ...	wb	b	29	50	1	–	9·1	11·8
	Penzance ...	b	bbcbc	35	50	–	–	9·8	11·4
	St. Ives ...	b	b	40	47	–	–	8·5	11·2
	Bude... ...	bc	bcb	37	46	1	–	9·3	11·3
	Ilfracombe ...	opbc	bcb	36	48	1	–	9·7	10·1
6	Aberystwyth	cbc	bcc	35	45	1	–	8·9	7·9
7	Llandudno ...	b	b	34	45	2	–	10·2	4·3
	Colwyn Bay...	bcbcb	bcbcb	33	43	–	–	8·9	4·0
	Rhyl	bcb	bcb	33	45	3	–	8·7	5·8
8	Wallasey ...	bcb	b	33	45	1	–	8·6	4·9
	Southport ...	bbc	bcbbc	34	47	–	–	8·1	5·5
	Blackpool ...	bcb	bcbbc	34	45	–	–	8·4	6·4
	Morecambe ...	b	bbcc	33	46	–	–	8·3	8·6
9	Ilkley... ...	bcbc	prsbc	32	45	–	0·5	4·1	8·5
	Harrogate ...	cbp,	bbcc	30	42	–	0·1	6·5	8·3
10	Berwick-on-T.	cbcs,	bcbs,	35	42	1	0·3	7·2	7·3
11	Dunbar ...	bc	cprs,	34	43	0·5	0·5	6·3	6·9
12	Troon... ...	bbcbc	bbcb	36	50	–	–	8·0	6·6
	Douglas ...	bc	bc	33	45	0·3	–	7·6	8·3

† 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.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 28th March, 1937.

Districts.	Forecasts
1 S.E. England 2 E. England ...	Light northerly or variable wind; sunny periods; average temperature by day, cold night with frost; local morning mist.
3 E. Midlands ... 4 W. Midlands ...	Light northerly or variable wind; variable cloud, sunny periods, occasional showers; rather cold, frost at night.
5 S.W. England 6 South Wales ...	Light variable wind; sunny periods; average temperature, frost at night; local morning mist or fog.
7 North Wales ... 8 N.W. England	Light to moderate east to southeast wind, freshening on coasts tomorrow; fair today, cloudy tomorrow with rain spreading from southwest; average temperature.
9 N. Midlands ... 10 N.E. England	Light variable wind becoming southeast tomorrow; fair; average temperature, local frost at night, local mist or fog early morning.
11 S.E. Scotland 12 S.W. Scotland & Isle of Man	Light to moderate northerly or variable wind; variable broken cloud; occasional wintry showers; rather cold, frost inland at night, local morning mist or fog.
13 {A. W. Scotld. B.N.W.Scotland.} 14 Mid Scotland	Light variable wind becoming southeast tomorrow; fair or fine; rather cold, local night frost.
15 N. E. Scotland	As. 9 - 11.
16 Orkney and Shetland	Light northerly or variable wind; variable cloud, showers, cold.
17 N. W. Ireland 18 N. E. Ireland	Light variable wind, becoming moderate southeast tomorrow; fine or fair today, cloudier tomorrow; average temperature.
19 S. E. Ireland 20 S. W. Ireland	Moderate east to southeast wind, becoming fresh or strong tomorrow; sunny periods today, cloudy tomorrow with some rain; average temperature.

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

GENERAL INFERENCE.

An anticyclone between Iceland and Scotland extends over the British Isles, while a depression about 600 miles west-southwest of Ireland is moving east-northeast. Apart from showers mainly in eastern districts of Britain weather will be fair generally today but cloudier conditions with some rain will extend later to South and West Ireland and Southwest England.

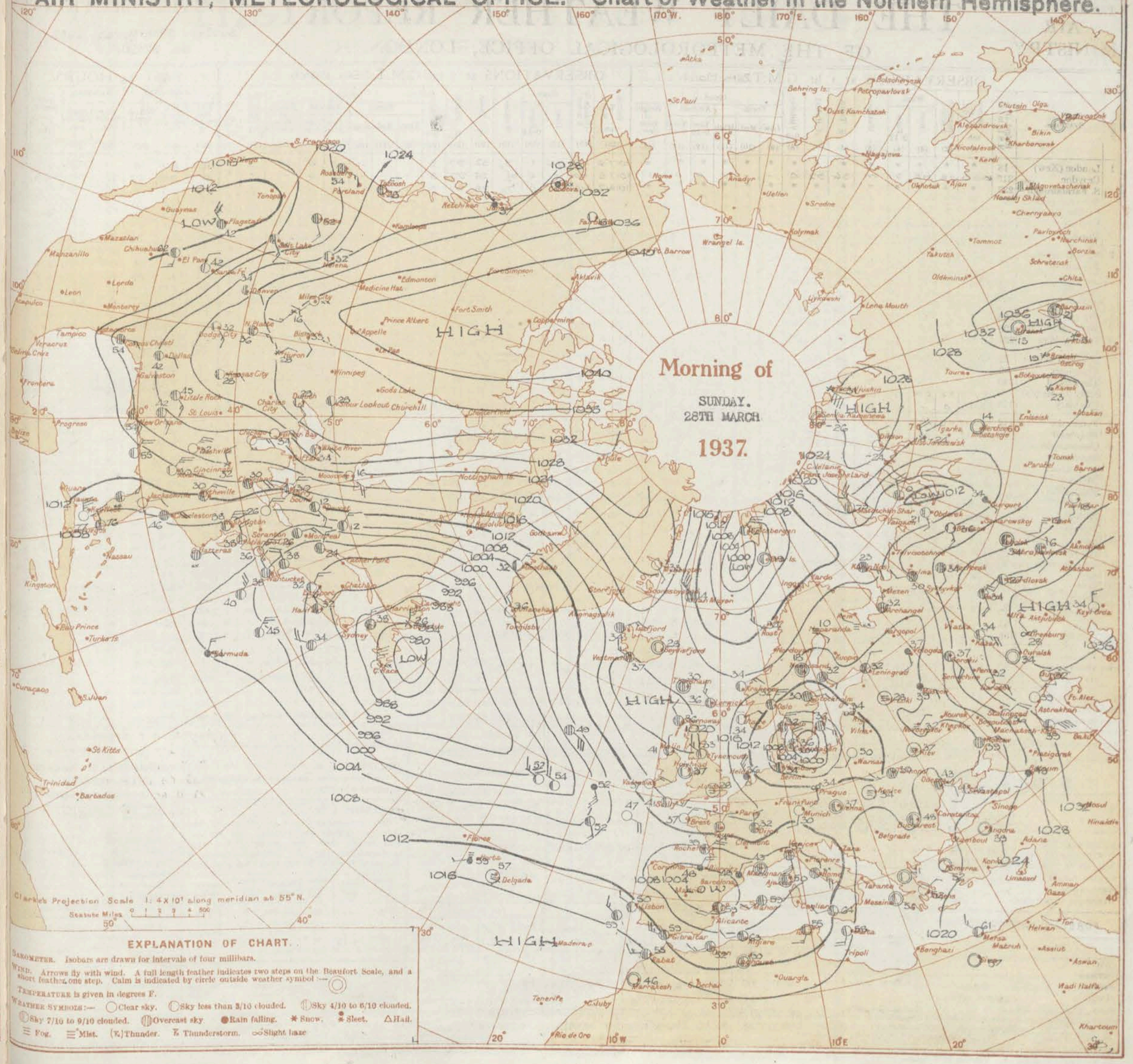
FURTHER OUTLOOK.

Cloudy with some rain in Ireland, Wales and Southwest England; mainly fair elsewhere.

Forecasts issued at 1030 GMT.

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

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



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AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday. 28th March, 1937.
No. 27520.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	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	1015.9	+8	N'E	2	m	36	92	4	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthm'tn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1015.9	+6	NNW	2	b	32	85	7	2	-	-	Tr	Tr	4000
	Manston ...	142	1015.4	+6	NW'N	2	c	35	85	7	2	-	-	7-8	7-8	2500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1015.1	+6	W	2	bc	34	85	7	8	-	-	2.3	2.3	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1014.9	+10	ENE	3	b	38	92	7	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1015.2	0	N	2	b	38	85	8	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1015.0	+2	E'N	3	bc	41	75	8	2	-	-	2.3	2.3	2500
	Guernsey ..	175	1014.9	0	-	0	b	41	75	8	1	-	-	1	1	2500
6	Pembroke ...	142	1015.0	+6	E'N	3	bc	38	75	8	5	6	-	4-6	4-6	4000
7	Holyhead ...	26	1017.4	+2	E'S	1	b	39	97 85	8	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1016.3	+6	NW	4	b	35	97	7	-	7	-	0	1	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1016.5	+4	WNW	3	bc	35	85	7	5	-	-	2.3	2.3	1500
11	Inchkeith ...	190	1016.6	+6	W	2	bc	35	85	8	5	-	-	4-6	4-6	4000
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1017.9	+4	E	1	b	39	97	8	-	-	-	0	0	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1019.9	+4	NNE	3	bc	33	85	8	5	5	-	2.3	4-6	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1018.4	+8	NW	3	s/pr	36	97	8	8	7	-	4-6	7-8	1500
16	Lerwick ...	156	1017.3	+4	NNW	3	bc	36	85	8	8	8	-	2.3	4-6	1500
17	Blacksod Point	18	1018.1	0	E	2	bc	40	85	8	3	-	-	2.3	2.3	2500
18	Malin Head ...	84	1016.6	-2	N	2	bc	40	97	8	1	-	-	2.3	2.3	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1017.0	+2	SE	1	b	37	92	9	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 28th March — 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 27th Hrs. (36)
1	London (Kew)	1017.8	+14	SW	1	z_0	32	97	5	-	-	-	0	0	-	3	*	46	30	18	-	Tr	6.7
	Croydon	1017.5	+10	-	0	bf	28	97	3	-	-	-	0	0	-	3	*	46	28	22	Tr	-	6.8
	S. Farnborough	1018.2	+16	-	0	z_0	28	92	5	-	-	-	0	0	-	3	*	48	25	17	-	Tr	7.1
	Boscombe Down	1018.1	+10	-	0	z_0	30	97	6	-	3	-	0	Tr	-	3	*	45	27	25	-	-	7.6
	Calshot (Sthm'tn.)	1017.3	+10	NNW	2	z_0	33	97	6	-	-	-	0	0	-	3	§1	47	33	29	-	-	8.0
	Lympne	1017.2	+10	N'W	3	bcf	31	92	2	5	-	-	4-6	4-6	220	3	1	44	30	23	Tr	Tr	5.6
	Manston	1016.8	+14	N'W	3 2	bc	37	85	8	5	-	-	4-6	4-6	2500	1	*	45	33	28	Tr	Tr	7.3
2	Shoeburyness	1017.1	+10	NW	2	c	31	85	6	5	-	-	7-8	7-8	450	1	*	48	29	20	0.2	-	7.3
	Felixstowe	1017.0	+8	NW'W	2	f	31	85	2	-	-	-	10	10	<150	1	2	46	29	24	0.2	-	5.6
	Gorleston	1015.8	+4	W	3	bc	31	92	5	8	-	-	4-6	4-6	2500	3	2	44	30	29	0.1	0.1	6.2
	Mildenhall	1017.3	+6	W	1	m	30	97	4	5	-	-	4-6	4-6	1500	3	*	46	29	20	Tr	Tr	8.3
	Cranwell	1017.8	+14	NW'N	2	z_0	32	92	6	5	4	-	1	1	1500	3	*	47	31	27	0.2	Tr	8.4
3	Birmingham	1018.8	+6	NNW	2	b	31	92	5	-	-	-	0	0	-	1	*	45	30	19	-	-	6.2
	Upper Heyford	1018.4	+12	NW	2	bf	30	97	3	-	-	-	0	0	-	1	*	46	29	23	-	-	*
4	Ross-on-Wye	1018.4	+8	N'W	1	z_0	32	92	5	5	-	-	1	1	1500	1	*	47	31	17	-	-	7.7
5	Portland Bill	1016.9	+14	NE	2	b	38	92	7	-	-	-	0	0	-	1	2	50	36	*	-	-	*
	Plymouth	1016.6	+14	ENE	1	b	37	85	7	-	-	-	0	0	-	1	1	52	33	29	0.2	-	7.4
	The Lizard	1016.3	+8	NE	2	c	40	85	8	8	-	-	7-8	7-8	2500	1	2	49	37	*	-	-	*
	Scilly (St. Mary's)	1016.1	+10	E'S	3	bc	41	75	8	2	6	-	2.3	4-6	2500	1	2	49	39	*	-	-	9.7
	Guernsey	1015.7	+16	E'N	3	bc	42	65	8	1	-	-	2.3	2.3	2500	1	2	48	37	28	-	-	11.4
6	Pembroke	1017.2	+10	ENE	3	b	36	75	7	7	-	-	1	1	4000	1	1	49	33	*	-	-	8.8
7	Holyhead	1018.8	+8	-	0	b	37	85	6	-	-	1	0	Tr	-	3	1	45	34	21	-	-	11.1
	Chester (Sealand)	1018.8	+16	-	0	m	27	92	4	-	-	-	0	0	-	3	*	45	26	18	-	-	8.7
8	Manchester	1019.1	+10	-	0	bf	27		3	-	-	-	0	0	-	5	*	45	26	17	0.1	-	3.5
10	Spurn Head	1016.8	+8	NW'N	5	q	36	92	6	3	6	1	2.3	4-6	800	1	4	44	34	*	0.4	0.4	7.4
	Catterick	1018.6	+10	NW	3	b	34	85	8	-	3	-	0	1	-	3	*	41	31	25	2	-	3.3
	Tynemouth	1018.1	+12	WNW	3	bc/ps	33	85	6	2	-	-	4-6	4-6	1500	3	2	40	32	29	4	Tr	3.4
11	Inchkeith	1019.6	+6	SW	2	c	32	85	8	5	-	-	7-8	7-8	4000	0	1	44	31	28	-	-	5.2
	Leuchars	1020.0	+20	W	2	b	30	85	9	5	-	-	1	1	2500	3	*	47	27	18	Tr	-	8.7
12	Renfrew (Abbots I.)	1020.4	+18	-	0	b	24	92	9	5	-	-	Tr	Tr	4000	3	*	49	24	17	-	-	6.6
	Eskdalemuir	1020.9	+6	-	0	b	23	92	8	5	-	-	Tr	Tr	2500	3	*	45	20	15	-	-	8.1
	Point of Ayre	1019.2	+10	E'S	2	pr_0	39	97	8	3	4	-	2.3	4-6	1500	1	2	46	31	*	-	Tr	9.3
13A	Tiree	1020.3	+10	NE'E	2	b	38	97	8	1	4	-	1	1	4000	0	2	46	36	33	-	-	11.5
13B	Stornoway	1021.0	+6	NNW	2	c	36	85	9	5	7	-	4-6	9+	4000	1	1	43	32	*	0.4	Tr	6.4
15	Dalwhinnie	*	+16	-	0	c	28	85	8	5	-	-	10	10	2500	9	*	40	25	23	-	-	5.8
	Aberdeen	1019.3	+10	NW'N	3	jp	34	92	8	8	-	-	2.3	2.3	1500	4	1	44	33	29	3	1	6.8
	Wick	1019.8	+12	NNW	2	c	36	97	8	5	1	-	4-6	7-8	1500	1	2	44	35	*	0.2	0.1	*
16	Lerwick	1019.1	+12	NNW	3	s/pr	36	92	8	8	7	-	7-8	9	800	1	*	41	34	*	Tr	Tr	7.6
17	Blacksod Point	1018.4	+4	E	2	bc	40	75	8	4	-	-	2.3	2.3	2500	0	2	47	31	*	-	-	*
18	Malin Head	1019.7	+6	N	1	bc	41	92	9	1	-	-	4-6	4-6	4000	0	1	44	40	*	-	-	11.2
	Aldergrove	1019.6	+6	-	0	b	28	97	8	5	4	-	Tr	Tr	2500	1	*	48	25	18	-	-	10.6
19	Birr Castle	1018.5	+6	-	0	bc	25	97	8	-	4	-	0	2.3	-	3	*	50	25	15	-	-	10.1
20	Valentia Obsy. †	1017.4	+4	E'N	3	b	37	65	9	-	-	-	0	0	-	1	1	51	33	28	Tr	Tr	10.2
	Roches Point	1017.7	0	E'N	3	bc	37	85	8	5	-	-	2.3	2.3	2500	0	2	45	34	*	-	-	*

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	bxczy	cz_0	bcbxbmx	46	30	18	-	Tr	6.7	•	•	6
Croydon	217	bbczczy	czypsc	bcbmfx	46	28	22	Tr	-	6.8	•	•	4
Greenwich (Royal Observatory)	149	bcy	cyrsc	cbxcm	47	29	22	03	Tr	5.3	51	77	5
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	6.7	•	•	•
Westminster (St. James' Park)	27	•	•	•	48	34	28	-	-	5.2	56	71	•
Regents Pk. (Botanic Gardens)‡	168	•	•	•	46	31	21	-	-	6.2	67	80	•
Camden Square	110	bc	c	•	47	31	22	-	-	•	•	73	•
Kensington	80	bxbc	bc	•	47	32	25	-	-	5.0	At 18h. 61	60	•
Hampstead Observatory	450	bc	bc	bx	46	30	22	-	-	6.4	•	81	•

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 28th

South Kensington			
Max.	Time.	Min.	Time.
0.3	20-23h 27th	<03	4-6h 28th

Kew Observatory			
Max.	Time.	Min.	Time.
0.3	21h 27th	<0.1	7h 27th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 27th March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h G.M.T. 28th March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1013.3	NW	3	b	43	1016.1	-	0	z_0	32	*	30	*	-
Brussels	1011.1	WNW	3	c	36	1015.0	-	0	m	32	41	28	1	Tr
Berlin	1005.5	WSW	4	pr_0	37						41		0.5	
Zürich						1014.0	SE	1	bc	30	•	•		-
Rome	1012.7	SSE	4	c	55	1011.0	SE	5	c	*	*	•	-	-

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	2¼ ,,
6 Moderate ,,	6¼ ,,
7 Good ,,	12½ ,,
8 Very good ,,	31 ,,
9 Excellent ..	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

A.G.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 29th March, 1937.
No. 27521.

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

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)	1019·2	+6	NE	3	Z_o	44	55	6	8	–	–	9+	9+	4000
	Croydon ...	1018·9	+2	NNE	2	Z_o	43	55	6	8	–	–	9+	9+	4000
	S. Farnborough	1019·5	+2	ENE	2	c	43	55	7	8	–	–	7·8	7·8	4000
	Boscombe Down	1019·5	+4	NNE	3	c	42	65	8	8	–	–	7·8	7·8	2500
	Calshot (Sthmtn.)	1019·1	+6	N'E	2	bc	45	55	7	8	–	–	4·6	4·6	4000
	Lympne ...	1019·2	+6	NW'N	2	c	42	55	8	8	–	–	7·8	7·8	2500
	Manston ...	1019·0	+6	NNW	3	c	41	75	7	5	–	–	7·8	7·8	1500
2	Shoeburyness ...	1018·9	+8	E	2	c	45	65	8	3	7	–	4·6	7·8	2500
	Felixstowe ...	1018·5	+4	NW	1	c	45	65	8	8	–	–	7·8	7·8	2500
	Gorleston ...	1018·2	+6	NNW	5	bc	44	75	7	8	–	–	4·6	4·6	2500
	Mildenhall ...	1019·1	+6	NNW	3	bc	46	55	8	2	–	–	4·6	4·6	2500
	Cranwell ...	1019·4	+6	N'W	2	c/phr	42	65	7	9	–	3	7·8	9	2500
3	Birmingham ...	1019·7	+4	NE	2	c	44	55	6	1	–	–	7·8	7·8	2500
	Upper Heyford	1019·5	+6	N	1	bc	45	45	8	2	–	–	4·6	4·6	2500
4	Ross-on-Wye	1019·4	+4	E'N	3	Z_o	45	45	5	2	–	–	7·8	7·8	4000
5	Portland Bill ...	1018·8	+10	NE	3	c	45	85	7	4	4	–	2·3	7·8	2500
	Plymouth ...	1018·5	+6	E	3	bc	47	65	7	8	–	–	2·3	2·3	4000
	The Lizard ...	1017·6	+6	ENE	4	c	48	75	5	4	3	–	4·6	7·8	2500
	Scilly (St. Mary's)	1017·8	+4	E'S	3	c	50	65	7	5	6	–	4·6	7·8	2500
	Guernsey ...	1017·8	+6	ENE	4	b	47	65	8	1	–	–	1	1	2500
6	Pembroke ...	1018·9	+4	SSE	3	bc	47	65	6	5	–	–	4·6	4·6	4000
7	Holyhead ...	1020·9	+8	NNE	3	bc	45	85	9	2	–	5	2·3	2·3	4000
	Chester (Sealand)	1020·4	+4	N	3	bc	44	55	7	8	–	–	4·6	4·6	4000
8	Manchester ...	1020·5	+6	NNW	2	c	43	45	7	7	–	–	9	9	4000
10	Spurn Head ...	1018·7	+14	N'W	5	c	44	85	7	8	6	–	4·6	7·8	1500
	Catterick ...	1020·4	+10	NNW	3	c	41	75	7	9	7	–	7·8	9+	1500
	Tynemouth ...	1020·5	+10	N	4	c/pS	39	85	7	9	–	–	7·8	7·8	1500
11	Inchkeith ...	1020·1	+4	N	2	c	43	75	8	5	–	–	7·8	7·8	2500
	Leuchars ...	1021·9	+6	NNE	2	c	45	65	9	8	–	–	9	9	4000
12	Renfrew (Abbots I.)	1021·9	+6	NE	1	Z_o	46	55	6	5	–	–	7·8	7·8	4000
	Eskdalemuir ...	1021·3	+8	NNE	3	c	40	55	9	7	–	–	9	9	4000
	Point of Ayre ...	1021·7	+6	E	1	bc	45	85	8	1	–	–	2·3	2·3	4000
13A	Tiree	1022·1	+6	NE'N	3	bc	43	65	9	2	4	–	2·3	2·3	4000
13B	Stornoway ...	1023·1	+6	ESE	1	c	41	75	9	5	7	2	4·6	7·8	2500
15	Dalwhinnie ..	*	+14	N	2	c	37	65	8	5	6	–	4·6	9+	2500
	Aberdeen ...	1021·6	+10	NNW	3	jp	43	65	8	2	–	–	9	9	2500
	Wick ...	1021·6	+6	NW	3	c	42	65	8	5	1	–	7·8	9	1500
16	Lerwick ...	1020·0	+2	NW	3	c	39	65	8	5	7	–	7·8	9+	1500
17	Blacksod Point	1020·4	+8	SE	2	bc	46	65	8	3	–	–	4·6	4·6	2500
18	Malin Head ...	1021·9	+10	N	1	bc	42	92	9	1	–	–	2·3	2·3	4000
	Aldergrove ...	1021·2	+8	NE'E	2	c	44	65	8	2	6	1	2·3	7·8	2500
19	Birr Castle ...	1019·3	+4	NE	1	c	49	75	8	4	–	–	7·8	7·8	4000
20	Valentia Obsy. †	1018·5	+6	E'S	4	bc	49	55	9	7	–	6	4·6	4·6	4000
	Roches Point	1019·4	+4	E	4	bc	47	75	8	1	–	–	4·6	4·6	4000

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

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)	1019·8	+6	NNE	3	Z_o	44	55	6	2	–	–	2·3	2·3	2500	1	*
	Croydon ...	1019·3	+8	NE'N	3	Z_o	45	45	6	2	6	–	4·6	7·8	5700	1	*
	S. Farnborough	1019·9	+4	–	0	bc	44	55	7	8	6	–	2·3	2·3	4000	1	*
	Boscombe Down	1020·0	+6	N'E	2	bc	44	55	7	8	–	–	2·3	2·3	2500	1	*
	Calshot (Sthmtn.)	1019·5	+4	N'E	1	bc	47	55	7	7	3	–	2·3	2·3	4000	1	1
	Lympne ...	1020·3	+10	NE'N	3	bc	39	75	7	4	6	–	2·3	4·6	4000	1	0
	Manston ...	1019·9	+10	NNW	2	bc	41	75	7	–	6	–	0	2·3	–	1	*
2	Shoeburyness ...	1020·0	+12	WNW	1	pr_o	41	75	8	9	–	3	7·8	9	1500	1	*
	Felixstowe ...	1019·5	+10	–	0	u	39	85	7	9	–	–	4·6	4·6	2500	1	1
	Gorleston ...	1019·9	+10	NNW	3	bc	41	75	7	8	–	–	4·6	4·6	2500	1	2
	Mildenhall ...	1020·4	+8	NW'N	3	bc	41	75	8	4	6	–	2·3	2·3	4000	1	*
	Cranwell ...	1020·9	+14	N'E	2	c	40	75	8	8	6	3	4·6	7·8	2500	1	*
3	Birmingham ...	1020·8	+10	NNE	2	Z_o	41	55	5	1	–	–	4·6	4·6	2500	1	*
	Upper Heyford	1020·9	+12	N	1	bc	40	65	7	3	3	–	4·6	4·6	2500	1	*
4	Ross-on-Wye	1020·4	+8	NE'E	2	Z_o	43	55	6	8	–	–	2·3	2·3	4000	1	*
5	Portland Bill ...	1019·8	+8	SE	1	b	43	85	7	–	–	–	0	0	–	1	3
	Plymouth ...	1019·7	+20	E	3	bc	45	65	7	8	3	4	2·3	4·6	2500	1	1
	The Lizard ...	1019·2	+4	ENE	4	m	44	75	4	8	1	–	4·6	10	4000	1	2
	Scilly (St. Mary's)	1019·0	+6	SE	3	c	44	85	7	8	5	3	4·6	9	2500	1	2
	Guernsey ...	1019·0	+6	ENE	4	bc	42	65	9	–	1	–	0	2·3	–	1	3
6	Pembroke ...	1020·4	+2	NE	5	pr_o	42	85	7	8	7	–	4·6	9+	2500	1	2
7	Holyhead ...	1022·1	+12	NNE	2	b	41	92	8	–	–	1	0	Tr.	–	0	1
	Chester (Sealand)	1021·6	+8	W'N	3	bc	42	65	7	5	–	–	2·3	2·3	5700	1	*
8	Manchester ...	1021·6	+10	NE'N	4	jp	41	65	6	8	3	–	2·3	4·6	4000	1	*
10	Spurn Head ...	1020·7	+14	N	4	bc	40	92	7	–	7	–	0	2·3	–	0	3
	Catterick ...	1022·4	+14	NNE	2	bc	38	75	8	2	3	–	4·6	4·6	2500	1	*
	Tynemouth ...	1021·4	+14	N	4	bc	40	85	7	2	–	–	4·6	4·6	1500	1	2
11	Inchkeith ...	1022·8	+4	E	2	bc	40	92	8	5	–	–	2·3	2·3	2500	0	1
	Leuchars ...	1023·1	+8	SE	2	bc	42	75	8	5	–	–	2·3	2·3	4000	1	*
12	Renfrew (Abbots I.)	1023·0	+12	–	0	Z_o	42	55	6	4	6	–	2·3	2·3	4000	0	*
	Eskdalemuir ...	1023·3	+14	NNE	3	c	38	75	9	7	–	–	7·8	7·8	4000	1	*
	Point of Ayre ...	1023·0	+4	NNE	1	bc	42	85	8	1	8	–	Tr	4·6	4000	0	1
13A	Tiree	1023·4	+6	NNE	3	b	42	65	9	1	4	–	Tr	1	4000	0	2
13B	Stornoway ...	1024·4	+4	NNW	2	bc	41	75	9	5	5	–	2·3	4·6	2500	1	1
15	Dalwhinnie ..	*	+6	N	1	c	36	75	8	4	6	–	4·6	9+	2500	9	*
	Aberdeen ...	1023·0	+8	NNW	2	c	41	65	8	4	–	2	9	9	4000	1	1
	Wick ...	1022·4	+16	NW	3	c	39	85	8	8	7	–	7·8	9	1500	1	2
16	Lerwick ...	1020·8	+10	NW	3	c	38	75	8	5	7	–	7·8	9	1500	1	*
17	Blacksod Point	1021·2	+2	NE	4	bc	45	75	8	1	–	–	2·3	2·3	4000	0	3
18	Malin Head ...	1022·7	+12	NE	1	bc	43	97	8	1	–	–	2·3	2·3	4000	0	1
	Aldergrove ...	1022·4	+12	SE'E	2	bc	44	65	8	4	6	–	1	4·6	4000	1	*
19	Birr Castle ...	1020·9	+8	NE	2	c	46	55	8	5	7	–	7·8	9	4000	1	*
20	Valentia Obsy. †	1019·1	+4	ESE	4	c	45	65	8	7	–	6	2·3	7·8	5700	0	1
	Roches Point	1020·6	+6	ESE	4	bc	43	85	7	2	–	–	4·6	4·6	2500	0	3

PAST 24 HOURS.

District	Weather. 7h.—13h. ...28th (37)	13h.—18h. ...28th (38)	18h.—1h. 28th to 1h. ...29th (39)	1h.—7h. ...29th (40)
1	bm$_o$bcc	cbcyz$_o$	bcbz$_o$x	bcxom
	bfx,cmz$_o$	cbcz$_o$y	bmx	bmxcff
	ofbcfc	cybcy	ybm$_o$x	bxm$_o$fo
	bxm$_o$bmbc	bcbcy	bcyb	bxoff
	bm$_o$bcc	bcy	bybwbx	bxbccm$_o$
	fcm$_o$bcy	bcy	bxbpr	bcfpr
	bcofc	cbbcpr$_o$	bccpr$_o$m	bcphr
2	fbcm$_o$c	cpr$_o$	cp$_o$bx	bx
	fcm$_o$bc	bccphqc	bcb	bbm$_o$x
	bcprs$_o$	bc	bcpr$_o$	pr$_o$bc
	bcm,bc	jpbcpr$_o$bc	bcbxm	bxff
	bbccphs	cprs$_o$bc	pr$_o$prs	bcm$_o$x
3	bbc	bcpr$_o$	cbc	bcxc
	bfobcy	bcyps$_o$	bcbm$_o$m	bmxfx
4	bzbc	bcyz	bczbm$_o$	bm$_o$xbm
5	bcc	cb	b	bbc
	bbc	bc	bcb	bx
	cm	cmpr$_o$	c	cbc
	bcc	cir$_o$c	cbcc	cbcc
	bcb	bbc	bc	bcc
6	bm$_o$bc	bccmpr$_o$	bcb	bbcm$_o$
7	b	b	b	bwx
	bxmbcy	bcy	bcbwm$_o$	bwxm$_o$m
8	bfmbccm$_o$	ypshps$_o$	bm	bm
10	q,pr$_o$c	cbc	bc	bc
	bxcph$_o$	cph$_o$bc	bcc	bcbx
	bccprs	cbc	bc	bc
11	c	cbc	bcc	c
	bxbcc	cybc	bcx	bcx
12	xbbcz$_o$	bccz$_o$y	xbcz$_o$c	cz$_o$bffx
	bxbcc	cbcyc	bx	bxbcx
	cbc	bc	bc	bc
13A	bc	bcb	b	bx
13B	cv	cbcv	bcpr$_o$,c	cv
15	c	c	*	bc
	pspr c	cy	c	cpr$_o$bc
	c	c	cpr	cpr$_o$c
16	c	c	cbc	cv$_o$v$_o$pr
17	bc	bc	bc	bc
18	bc	bc	bc	b
	bxb,c	cjpybc	bcb	bx
19	bcc	cy	cb	bx
20	bbcy	bccyc	cbcb	bbc
	bc	bc	bc	bcwbc

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.

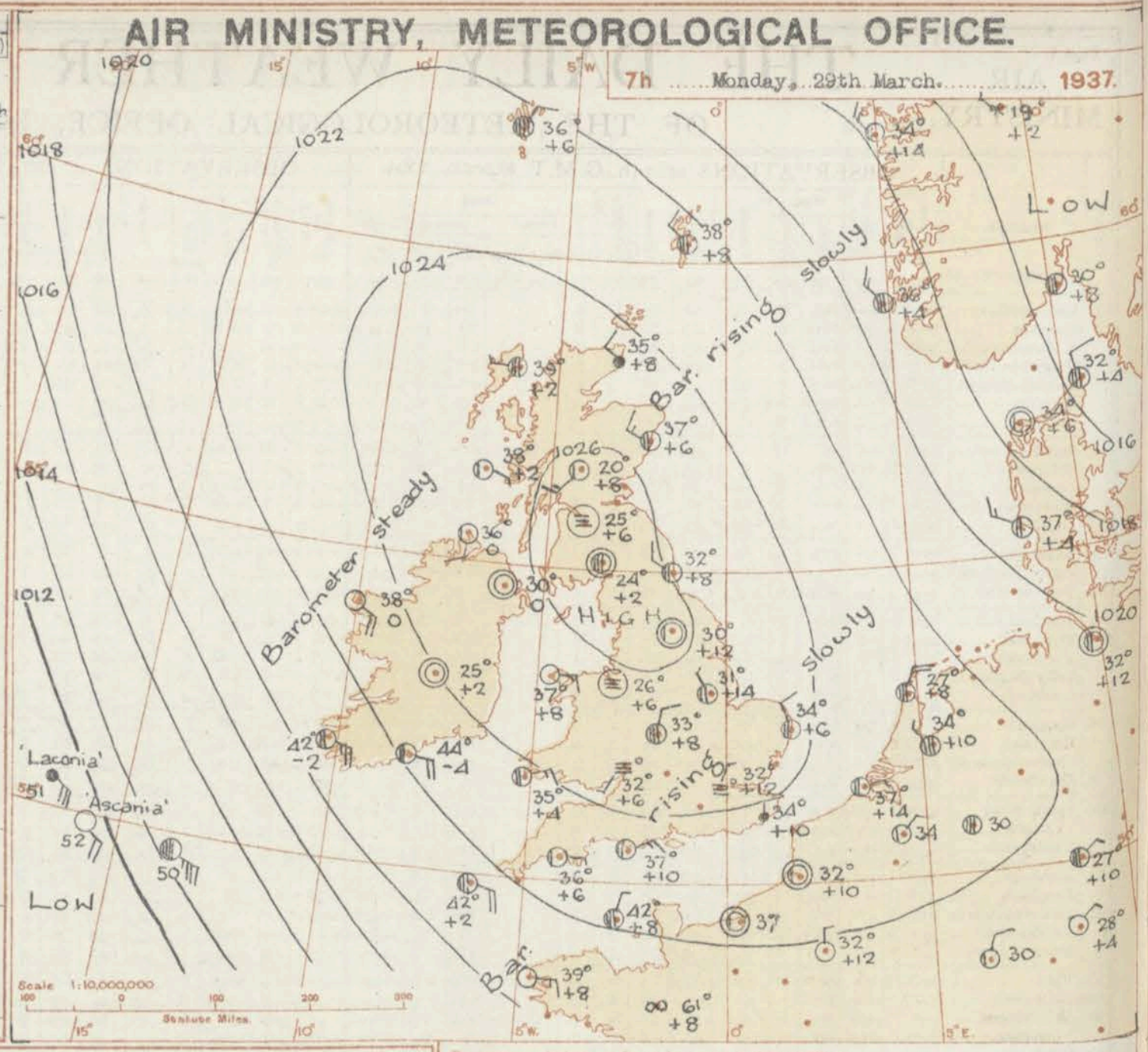
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for March 28th 1937.

Districts	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature (°) Min. 9h. 27th to 9h. 28th	Temperature (°) 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.	bc	bcpbc	24	46	–	Trace	6·1	6·1
	Bournemouth	b	bcbc	30	47	–	–	5·0	7·6
	Ventnor ...	xb	bbc	35	51	–	–	10·1	9·1
	Southsea ...	bcc	bc	33	48	–	–	7·1	7·4
	Bognor Regis	bcbc	bcbcc	32	46	–	–	6·5	8·0
	Littlehampton	bc	bc	31	48	–	–	6·9	7·2
	Worthing ...	b	bbc	32	48	–	–	8·3	8·2
	Brighton ...	bcrsb	bcbcb	31	47	Trace	–	4·7	
	Eastbourne† ...	bbcc	cbccb	32	46	–	–	8·3	7·7
	Hastings† ...	bbcc	bcbcb	37	47	–	–	7·4	6·8
	Folkestone ...	xb	bbc	32	47	0·3	–	9·7	6·6
	Dover ...	bcb	bc	31	47	–	–	10·3	7·7
	Deal	bbc	cbbc	31	46	–	–	7·7	7·4
	Ramsgate ...	bc	bc	35	44	–	–	8·0	7·8
	Margate ...	bc	bcc	35	45	–	–	6·0	7·6
2	Southend ...	bbc	bbcr₀	31	48	–	Trace	7·2	7·6
	Maldon ...	bbc	bbcc	32	46	–	–	5·2	6·8
	Clacton-on-Sea	bcm	bccbc	30	48	–	–	6·0	5·7
	Dovercourt ...	bcv	bphsl	30	48	–	Trace	4·8	7·0
	Lowestoft ...	bbcph	bbc	29	45	0·1	0·6	8·2	6·3
	Skegness ...	b	b	32	44	–	–	9·4	10·0
	Mablethorpe...	bc	bcb	30	44	0·5	–	9·2	9·3
	Cleethorpes ...	bch	bc	32	44	–	Trace	8·5	*
3	Leamington S.	bc	bcc	28	49	–	–	7·3	5·6
4	Cheltenham†	cm₀bc	bcdp₀	28	49	–	Trace	7·4	7·2
5	Bath	b	bbc	26	49	–	–	7·5	6·6
	Weymouth ...	b	bcbb	34	47	–	–	8·2	9·6
	Jersey ...	b	b	36	49	–	–	10·2	10·3
	Torquay ...	wbm₀	b	34	46	–	–	10·0	9·9
	Penzance ...	bbcb	bbcc	35	51	–	–	7·5	9·9
	St. Ives ...	c	c	37	49	–	–	5·4	8·9
	Bude... ...	bc	bcbc	33	49	–	–	7·2	10·1
	Ilfracombe ...	bcb	b	35	47	–	–	9·7	10·5
6	Aberystwyth	xzbc	cbc	31	48	–	–	7·4	9·7
7	Llandudno ...	b	b	30	45	–	–	9·7	11·0
	Colwyn Bay...	bcb	b	29	44	–	–	10·1	9·9
	Rhyl	xz₀b	b	28	45	–	–	9·1	9·3
8	Wallasey ...	b	bbc	30	45	–	–	10·1	9·2
	Southport ...	bbc	bcc	28	46	–	–	10·1	8·2
	Blackpool ...	b	bbc	30	45	–	–	10·2	8·4
	Morecambe ...	bbcc	bccbc	28	47	–	–	8·0	9·3
9	Ilkley... ...	bc	bc	27	43	–	–	4·5	4·9
	Harrogate ...	bbcc	cbph₀	30	43	–	0·2	6·1	7·0
10	Berwick-on-T.	bc	cr₀bc	35	42	Trace	0·2	5·7	7·6
11	Dunbar ...	bcx	bc	30	42	–	–	3·7	6·5
12	Troon... ...	xbcb	bbcb	32	40	–	–	7·7	8·6
	Douglas ...	bcx	bcph₀	31	45	–	Trace	6·6	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. 29th March, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light variable winds; mainly fine; morning fog; night frost; average day temperature.
4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Light east to southeast winds; mainly fine; local morning fog; night frost; average day temperature.
13 A. W. Scotld. / B.N.W.Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	Light west winds; bright periods; local showers; rather cold.
17 N. W. Ireland 18 N. E. Ireland	As 4 - 13A.
19 S. E. Ireland 20 S. W. Ireland	Moderate or fresh southeast wind; fair; average day temperature; frost inland at night.

GENERAL INFERENCE.

An anticyclone covering the British Isles is growing slowly in intensity and moving southeast. Weather will be mainly fine apart from local morning fog. Day temperature will be about average but frost will be rather general at night.

FURTHER OUTLOOK.

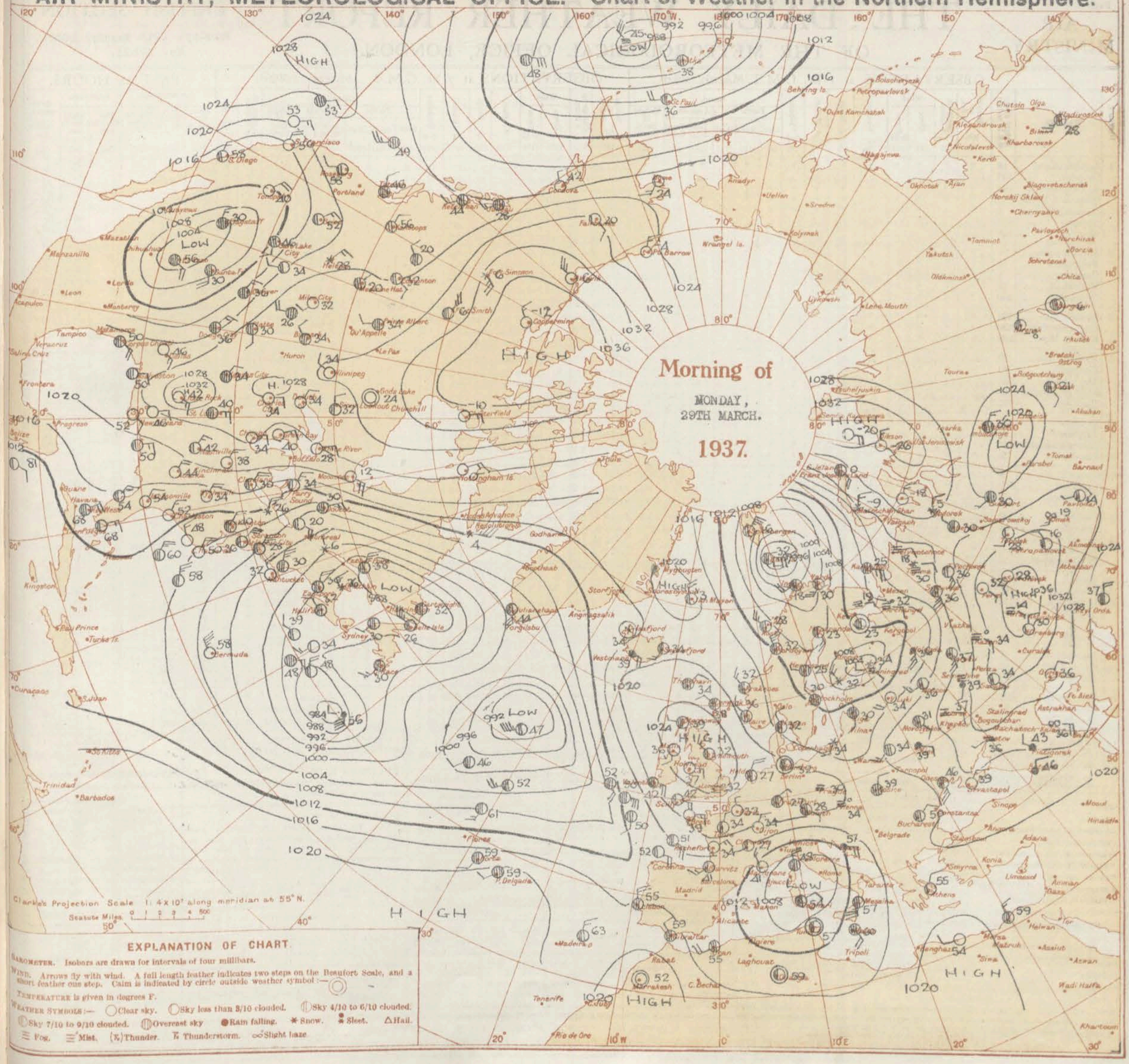
Little change.

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

Monday, 29th March, 1937.
No. 27521.

OBSERVATIONS at 1 hr. G.M.T. March 29th

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	+10	NE'N	1	m	32	97	4	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1022.4	+4	N	2	e/pr	35	92	7	3	3	-	4-6	7-8	1500
	Manston	142	1022.0	+4	NNW	2	bc	37	85	7	8	-	-	4-6	4-6	2500
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1022.8	+10	NW'W	1	bc	36	85	7	8	-	-	4-6	4-6	2500
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1021.5	+12	ENE	3	b	40	85	7	-	-	-	0	0	-
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1021.4	+8	ENE	4	c	42	75	7	8	1	-	7-8	9	1500
	Scilly (St. Mary's)	163	1021.1	+8	ESE	4	c	42	65	7	2	1	4	2-3	7-8	2500
	Guernsey	175	1020.8	+6	E	2	bc	42	75	9	-	1	-	0	2-3	-
6	Pembroke	142	1021.8	+6	E'N	4	b	37	75	7	-	-	-	0	0	-
7	Holyhead	26	1024.2	+6	E	2	b	38	97	7	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1023.6	+8	N	3	bc	37	92	7	5	4	1	2-3	4-6	1500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	108	1025.0	+10	NW	2	bc	34	92	7	2	-	-	2-3	2-3	1500
11	Inchkeith	190	1025.1	+8	S	2	c	36	97	7	5	3	-	4-6	9+	2500
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	1024.8	+6	E'S	2	b	38	97	8	1	-	-	Tr	Tr	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	80	1021.3 (1024.9)	+2	WSW	1	c	37	92	8	5	7	-	4-6	10	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	73	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1023.9	0	W	2	s/pr	36	97	8	8	7	-	7-8	9+	1500
16	Lerwick	156	1021.5	0	WSW	3	s/s	37	92	7	9	7	-	7-8	9+	800
17	Blacksod Point	18	1022.8	+10	SE	2	b	41	75	8	1	-	-	Tr	Tr	2500
18	Malin Head	84	1024.4	+10	SE	1	b	35	97	8	-	-	-	0	0	-
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1021.1	+10	SE	3	b	39	97	8	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. March 29th

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)	1024.8	+10	NNE	2	m	32	97	4	5	-	-	10	10	1500	1	*
Croydon	1024.7	+12	NE'N	1	m	32	97	4	5	-	-	10	10	450	1	*
S. Farnborough	1024.8	+10	NE	1	f	32	97	3	5	-	-	10	10	220	3	*
Boscombe Down	1025.2	+10	NNE	3	f	31	97	3	-	-	-	10	10	<150	3	*
Calshot (Sthmtn.)	1022.8	+12	N	2	z_0	34	97	6	5	7	-	7-8	9	800	1	2
Lympne	1023.9	+10	N	2	pr_0	34	92	6	9	6	-	9	9+	1500	1	§ 0
Manston	1023.9	+12	NNE	2	bc	38	75	7	5	-	-	4-6	4-6	1500	1	*
Shoeburyness	1024.1	+12	NW'N	2	b	32	85	7	8	-	-	Tr	Tr	2500	1	*
Felixstowe	1024.1	+10	NNW	1	z_0	33	92	6	8	-	-	1	1	2500	1	1
Gorleston	1024.8	+6	NW'N	2	bc	34	92	6	8	-	-	4-6	4-6	2500	1	2
Mildenhall	1025.0	+12	-	0	F	28	97	1	-	-	-	10	10	450	3	*
Cranwell	1025.8	+14	NW'N	1	z_0	31	97	6	3	4	-	Tr	Tr	7200	1	*
Birmingham	1025.9	+8	NNE	2	z_0	33	85	5	5	-	-	7-8	7-8	2500	1	*
Upper Heyford	1025.6	+10	N	2	F	30	97	1	-	-	-	10	10	<150	1	*
Ross-on-Wye	1025.0	+6	SW	1	m	32	92	4	-	-	-	0	0	-	3	*
Portland Bill	1023.0	+10	ENE	3	bc	37	92	7	4	-	-	2-3	2-3	2500	1	3
Plymouth	1023.4	+6	E	1	b	36	85	8	-	-	1	0	1	-	3	1
The Lizard	1022.2	+2	ENE	4	bc	42	85	7	8	-	-	4-6	4-6	2500	1	3
Scilly (St. Mary's)	1021.6	+2	E'S	4	c	42	75	7	2	6	3	4-6	7-8	2500	1	2
Guernsey	1022.4	+8	NE'N	1	c	42	75	7	8	-	-	7-8	7-8	2500	1	2
Pembroke	1023.7	+4	E'N	3	z_0	35	85	6	-	7	-	0	4-6	-	1	2
Holyhead	1025.5	+8	E	3	b	37	92	6	-	-	-	0	0	-	0	2
Chester (Sealand)	1025.8	+6	-	0	m	26	85	4	-	-	-	0	0	-	3	*
Manchester	1026.4	+8	N	1	m	28	92	4	-	-	-	0	0	-	4	*
Spurn Head	1025.3	+12	NE'N	3	bc	39	75	8	1	6	-	2-3	2-3	2500	0	2
Catterick	1026.6	+12	-	0	b	30	92	7	-	4	-	0	Tr	-	3	*
Tynemouth	1025.9	+8	WNW	2	bc	32	85	6	5	-	-	4-6	4-6	1500	3	2
Inchkeith	1026.6	+6	SW	2	c	35	92	8	5	-	-	9	9	2500	0	1
Leuchars	1026.5	+4	WSW	3	bc	30	85	9	5	-	-	4-6	4-6	4000	1	*
Renfrew (Abbots I.)	1026.9	+6	-	0	f	25	97	3	5	-	-	Tr	Tr	2500	3	*
Eskdalemuir	1027.6	+2	-	0	c	24	97	9	5	-	-	7-8	7-8	4000	3	*
Point of Ayre	1026.3	+2	ESE	1	b	38	97	8	-	4	-	0	Tr	-	0	1
Tiree	1025.2	0	S	2	b	33	92	8	1	-	5	Tr	Tr	4000	5	1
Stornoway	1025.5	+2	W	1	c	39	85	9	5	7	-	2-3	9+	4000	1	0
Dalwhinnie	*	+8	SW	1	b	20	85	8	4	-	-	1	1	4000	9	*
Aberdeen	1025.2	+6	WNW	3	bc/pr	37	75	8	8	-	-	4-6	4-6	2500	1	1
Wick	1024.3	+8	WNW	2	PR	35	97	8	8	7	-	4-6	9	1500	1	2
Lerwick	1022.5	+8	WNW	2	c	38	85	8	8	7	-	4-6	7-8	1500	1	*
Blacksod Point	1022.9	0	SE	4	b	38	85	8	-	-	-	0	0	-	0	3
Malin Head	1025.4	0	S	2	b	36	92	8	4	-	-	Tr	Tr	4000	3	0
Aldergrove	1025.8	0	-	0	b	30	92	7	-	-	-	0	0	-	3	*
Birr Castle	1024.0	+2	-	0	b	25	97	8	-	-	-	0	0	-	3	*
Valentia Obsy. †	1021.0	-2	ESE	5	bc	42	65	8	1	-	6	Tr	2-3	4000	0	2
Roches Point	1022.6	-4	E'S	4	bc	44	75	8	2	-	-	2-3	2-3	2500	0	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 mm. (34)	Rainfall: Night 18h–7h mm. (35)	Sunshine 28th Hrs. (36)
London (Kew)	47	31	20	-	Tr	6.1
Croydon	47	29	24	-	-	4.1
S. Farnborough	48	26	18	-	Tr	3.4
Boscombe Down	46	28	26	-	-	6.3
Calshot (Sthmtn.)	48	33	30	-	-	7.3
Lympne	45	31	26	-	0.3	8.2
Manston	45	35	27	Tr	1	6.3
Shoeburyness	48	29	21	Tr	0.1	6.0
Felixstowe	46	29	21	1	0.1	3.9
Gorleston	46	33	39	0.1	Tr	10.4
Mildenhall	48	28	21	Tr	Tr	7.[illegible] (7)
Cranwell	46	30	27	0.2	0.1	6.8
Birmingham	45	32	25	Tr	-	~~6.5~~ 7.0
Upper Heyford	47	28	27	0.1	-	*
Ross-on-Wye	48	31	16	-	-	8.2
Portland Bill	46	36	*	-	-	*
Plymouth	48	33	(29)*	-	-	9.3
The Lizard	48	38	*	Tr	-	*
Scilly (St. Mary's)	50	41	*	0.4	-	4.1
Guernsey	47	41	35	-	-	10.8
Pembroke	47	34	*	Tr	-	6.8
Holyhead	46	36	29	Tr	-	11.3
Chester (Sealand)	46	26	20	-	-	9.2
Manchester	46	27	19	Tr	-	5.5
Spurn Head	45	35	*	0.2	-	9.0
Catterick	43	29	20	Tr	-	5.0
Tynemouth	41	31	29	1	-	7.5
Inchkeith	46	34	25	-	-	7.9
Leuchars	46	29	21	-	-	~~8.7~~ 5.6
Renfrew (Abbots I.)	47	25	18	-	-	6.7
Eskdalemuir	43	22	17	-	-	6.7
Point of Ayre	47	35	*	-	-	9.7
Tiree	44	29	20	-	-	12.0
Stornoway	44	36	*	-	Tr	4.9
Dalwhinnie	39	19	15	-	-	1.7
Aberdeen	43	34	26	'	Tr	1.8
Wick	43	34	*	-	Tr	*
Lerwick	42	35	*	-	0.6	0.8
Blacksod Point	46	30	*	-	-	*
Malin Head	44	32	*	-	-	10.4
Aldergrove	48	24	19	Tr	-	6.1
Birr Castle	51	25	14	-	-	7.2
Valentia Obsy. †	50	40	36	-	-	8.3
Roches Point	48	38	*	-	-	*

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.	Temperature: Min. on Grass °F.	Rainfall: Day mm.	Rainfall: Night mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h. (To-day)
		24 hrs. ended 9h.											
Kew	18	bmbcc	cbcyz0	bzxbcm	47	31	20	-	Tr	6.1	•	•	9
Croydon	217	bfxfmz	cbczy	bmxff	47	29	24	-	-	4.1	•	•	4
Greenwich (Royal Observatory)	149	cmcy	cbcy	bxcbm	48	31	23	-	Tr	4.4	43	86	4
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	5.2	•	•	•
Westminster (St. James' Park)	27	•	•	•	49	33	28	-	-	5.6	56	87	•
Regents Pk. (Botanic Gardens)‡	168	•	•	•	48	32	27	-	-	6.2	63	87	•
Camden Square	110	c	cbcb	•	50	32	27	-	-		•	84	•
Kensington	80	bc	bc	•	48	32	29	-	-		At 18h. 45	81	•
Hampstead Observatory	450	bc	bc	bcxm	46	28	23	-	-	5.8	•	99	•

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 29th

South Kensington: Max.	Time.	Min.	Time.

Kew Observatory: Max.	Time.	Min.	Time.
0.3	21h 28th	<0.1	3-3h 29th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. March 28th: Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. March 29th: Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours: Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1018.1	NE	2	bc	46	1021.7	N	1	b	32	46	32	-	-
Brussels	1018.4	NNW	2	c	41						48		0.2	
Berlin	1013.5	NW	4	c	37	1020.4	NNW	2	o	34	39	34	2	Tr
Zurich						1017.2	N	1	bc	30	*	*		-
Rome	1009.0	SE	6	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 ,,	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.

* Estimated: (Thread broken.)

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 30th March, 1937.
No. 27522.

OBSERVATIONS at 13h. G.M.T. 29th March

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	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)	1025·5	0	ENE	3	z₀	44	55	6	8	-	-	9+	9+	2500
	Croydon ...	1025·2	-2	NE'E	3	z₀	44	55	6	2	6	-	7·8	9	4000
	S. Farnborough	1025·5	-4	ENE	2	z₀	45	55	5	2	-	-	7·8	7·8	4000
	Boscombe Down	1025·6	0	ENE	3	c	43	65	7	8	-	-	7·8	7·8	2500
	Calshot (Sthmtn.)	1024·8	-6	NE'E	3	bc	45	65	7	7	-	-	4·6	4·6	4000
	Lympne ...	1025·6	+6	ENE	2	c/pr	41	65	8	8	3	-	7·8	9	1500
	Manston ...	1025·5	+6	ENE	3	pr₀	41	85	8	9	-	-	9+	9+	1500
2	Shoeburyness ...	1025·8	+8	ENE	4	bc	46	55	8	8	-	-	2·3	2·3	4000
	Felixstowe ...	1025·9	+6	NE'E	4	bc	44	55	8	5	3	-	4·6	4·6	2500
	Gorleston ...	1026·6	+6	NE'N	2	c	43	55	6	1	-	-	7·8	7·8	2500
	Mildenhall ...	1026·8	+6	NE'E	3	c	44	45	9	5	-	-	9	9	4000
	Cranwell ...	1026·8	0	NNE	2	c	45	55	8	8	-	-	7·8	7·8	2500
3	Birmingham ...	1026·5	+2	ENE	2	z₀	42	65	5	5	-	-	7·8	7·8	2500
	Upper Heyford	1026·2	+2	E'N	3	c	43	55	8	7	-	-	7·8	7·8	1500
4	Ross-on-Wye	1025·6	0	E	3	c	44	55	8	7	-	-	9	9	4000
5	Portland Bill ...	1024·6	+2	E	3	bc	43	85	7	4	-	-	2·3	2·3	2500
	Plymouth ...	1024·2	+2	ESE	3	b	47	55	8	8	-	-	1	1	2500
	The Lizard ...	1024·2	+4	ENE	3	bc	48	75	7	7	7	-	4·6	4·6	2500
	Scilly (St. Mary's)	1023·7	+6	ESE	4	bc	49	65	7	2	6	-	2·3	2·3	2500
	Guernsey ...	1023·4	+4	E	3	bc	45	65	8	7	1	-	4·6	4·6	2500
6	Pembroke ...	1025·0	+4	SE'S	3	bc	46	65	7	8	6	-	2·3	4·6	2500
7	Holyhead ...	1026·5	+6	E'N	2	c	46	65	7	7	-	-	7·8	7·8	4000
	Chester (Sealand)	1026·7	0	NE	1	z₀	46	55	6	5	-	-	7·8	7·8	4000
8	Manchester ...	1026·8	-2	S'E	2	z₀	47	45	6	1	-	-	2·3	2·3	4000
10	Spurn Head ...	1027·2	+2	N'E	3	bc	45	75	8	1	7	8	2·3	4·6	4000
	Catterick ...	1027·5	+2	N'W	1	c	44	45	8	7	-	-	7·8	7·8	4000
	Tynemouth ...	1026·7	+4	N	2	c	42	65	7	5	-	-	9+	9+	1500
11	Inchkeith ...	1026·7	+2	SW	2	c	45	65	8	5	6	-	2·3	7·8	4000
	Leuchars ...	1027·2	+6	ESE	1	c	47	45	9	7	-	-	7·8	7·8	4000
12	Rentrew (Abbots I.)	1026·9	-2	WNW	1	bc	48	45	6	1	-	-	2·3	2·3	4000
	Eskdalemuir ...	1027·0	0	ENE	1	bc	43	55	8	5	-	-	4·6	4·6	4000
	Point of Ayre...	1027·5	+4	SEE	2	b	47	75	8	-	-	-	0	0	-
13A	Tiree	1026·2	+4	WSW	3	bc	47	55	8	2	6	5	1	2·3	4000
13B	Stornoway ...	1026·6	+6	S	3	c	44	65	9	1	3	-	Tr	7·8	4000
15	Dalwhinnie ...		+4	SW	1	b	41	55	8	4	6	-	Tr	Tr	<150
	Aberdeen ...	1026·6	+4	NW'W	2	c	44	65	8	8	-	-	9+	9+	2500
	Wick ...	1025·7	+6	WNW	2	c	45	65	7	8	7	-	7·8	9	1500
16	Lerwick ...	1023·7	+8	-	0	c/pr	40	85	8	8	7	-	7·8	9	1500
17	Blacksod Point	1022·1	-8	SE	4	bc	46	75	8	2	-	-	2·3	2·3	2500
18	Malin Head ...	1026·1	+2	SE	2	bc	47	75	8	2	-	-	4·6	4·6	4000
	Aldergrove ...	1026·4	+2	SE	3	bc	47	55	7	2	-	-	4·6	4·6	2500
19	Birr Castle ...	1024·4	+4	SE	1	bc	50	45	7	1	-	-	2·3	2·3	4000
20	Valentia Obsy. †	1021·8	0	SE	5	c	51	45	8	7	-	6	4·6	7·8	5700
	Roches Point	1024·3	0	ESE	4	bc	48	55	8	2	-	-	2·3	2·3	2500

OBSERVATIONS at 18h. G.M.T. 29th March

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°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)	1026·6	+10	NNE	3	z₀	43	55	6	5	-	-	7·8	7·8	2500	1	*
	Croydon ...	1025·9	+8	ENE	3	z₀	42	65	6	5	3	-	4·6	9	4000	1	*
	S. Farnborough	1026·6	+14	ENE	1	z₀	43	65	5	5	-	-	9+	9+	5700	1	*
	Boscombe Down	1025·9	+6	NE'E	2	z₀	42	65	6	-	3	-	0	1	-	1	*
	Calshot (Sthmtn.)	1025·1	+6	ESE	2	bc	43	85	7	8	-	-	4·6	4·6	4000	1	2
	Lympne ...	1026·2	+6	NNE	3	c	40	75	9	4	-	-	7·8	7·8	2500	1	2
	Manston ...	1026·1	+6	NNE	3	bc	41	55	8	5	-	-	2·3	2·3	4000	1	*
2	Shoeburyness ...	1026·5	+8	NE	3	bc	39	65	8	5	-	-	2·3	2·3	4000	1	*
	Felixstowe ...	1026·7	+8	NE'N	3	jp	41	55	7	8	3	-	4·6	4·6	2500	1	2
	Gorleston ...	1027·4	+4	N	3	bc	41	75	7	8	-	-	4·6	4·6	2500	0	2
	Mildenhall ...	1027·3	+8	NE	3	c	43	65	9	5	-	-	7·8	7·8	4000	0	*
	Cranwell ...	1027·6	+8	SE'E	2	c	42	75	8	8	-	-	9+	9+	2500	1	*
3	Birmingham ...	1026·7	+4	E	2	z₀	42	55	5	7	6	-	2·3	4·6	4000	1	*
	Upper Heyford	1027·0	+8	NE	2	c	41	55	8	5	-	-	7·8	7·8	4000	1	*
4	Ross-on-Wye	1025·9	+4	E	2	c	43	55	8	5	-	-	9+	9+	4000	1	*
5	Portland Bill ...	1025·1	+6	ESE	3	bc	43	75	7	4	4	-	2·3	4·6	2500	1	2
	Plymouth ...	1025·1	+10	E	1	b	44	65	8	1	-	-	Tr	Tr	4000	1	1
	The Lizard ...	1024·5	0	ENE	4	bc	43	75	8	7	-	-	4·6	4·6	2500	1	3
	Scilly (St. Mary's)	1024·1	+2	SE'E	4	bc	44	75	7	2	4	-	1	2·3	2500	1	2
	Guernsey ...	1023·9	+4	ENE	4	bc	43	65	8	8	1	-	1	2·3	2500	1	2
6	Pembroke ...	1026·0	+2	ESE	3	bc	43	65	7	5	7	-	2·3	2·3	4000	1	2
7	Holyhead ...	1026·7	+6	E	3	b	42	75	7	-	-	4	0	1	-	0	1
	Chester (Sealand)	1026·7	+2	S	1	z₀	46	55	6	-	-	-	0	0	-	1	*
8	Manchester ...	1026·9	+4	WNW	1	z₀	42	75	6	4	3	-	4·6	7·8	5700	1	*
10	Spurn Head ...	1027·9	+4	N'E	4	c	41	75	7	4	-	8	7·8	9+	4000	0	2
	Catterick ...	1028·5	+10	-	0	c	42	55	7	7	-	-	7·8	7·8	5700	1	*
	Tynemouth ...	1028·0	+10	NE	1	bc	41	75	8	5	2	-	2·3	4·6	2500	1	1
11	Inchkeith ...	1027·1	-6	E	2	bc	43	65	8	5	-	-	2·3	2·3	4000	0	1
	Leuchars ...	1027·5	+4	ESE	1	bc	46	55	8	1	-	-	2·3	2·3	4000	1	*
12	Rentrew (Abbots I.)	1026·9	+6	WSW	1	z₀	44	65	6	4	-	-	Tr	Tr	7200	0	*
	Eskdalemuir ...	1027·2	+4	-	0	b	41	65	8	4	-	-	1	1	4000	1	*
	Point of Ayre...	1027·6	0	-	0	b	42	92	8	-	1	-	0	1	-	0	1
13A	Tiree	1026·0	0	SE'S	2	b	42	75	8	-	-	5	0	Tr	-	0	1
13B	Stornoway ...	1026·6	-2	SSE	3	b	43	65	9	-	7	6	0	Tr	-	1	1
15	Dalwhinnie ...		+2	S	1	b	38	65	8	-	-	-	0	0	-	9	*
	Aberdeen ...	1027·7	+8	N	1	c	43	65	8	5	-	-	9+	9+	4000	1	1
	Wick ...	1026·6	+4	NW	2	c	43	75	9	8	6	-	7·8	9+	1500	1	1
16	Lerwick ...	1025·0	+8	ESE	2	c/pr	40	85	8	5	7	-	7·8	9+	1500	1	*
17	Blacksod Point	1022·4	+4	SE	3	bc	47	65	7	4	-	3	2·3	4·6	2500	0	3
18	Malin Head ...	1025·8	+2	SE	3	b	46	85	8	4	-	-	Tr	Tr	4000	0	1
	Aldergrove ...	1026·3	+2	SE	3	b	43	55	8	-	-	-	0	0	-	1	*
19	Birr Castle ...	1024·1	+4	SE	1	bc	48	45	7	4	-	-	4·6	4·6	4000	1	*
20	Valentia Obsy. †	1022·3	+8	SE	5	c	46	55	8	7	-	6	2·3	9	4000	0	2
	Roches Point	1024·1	0	E'S	4	bc	45	75	8	2	-	2	2·3	4·6	2500	0	3

PAST 24 HOURS. — WEATHER.

District	Stations	7h.–13h. 29th (37)	13h.–18h. 29th (38)	18h. 29th to 1h. 30th (39)	1h.–7h. 30th (40)
1	London (Kew)	ombcc	cz₀	cbcbx	cm₀
	Croydon ...	ombczczy	cz₀y	bcbm₀x	bcbm₀xc
	S. Farnborough	ofbcmy	cz₀y	c,bxm₀	b,cbcm₀x
	Boscombe Down	offbc	bccyb	bbxm₀	bxm₀m₀
	Calshot (Sthmtn.)	bbc	bc	bcbx	bxm₀
	Lympne ...	cprpH	cphrbc	cpr₀pr₀	bcpr₀
	Manston ...	bccpr₀	cbcby	cpr₀b,c	c,pr₀
2	Shoeburyness ...	bcbcy	bybv	bvcb	bxc
	Felixstowe ...	bmxbcy	bcy	bcyc	cxc
	Gorleston ...	bcc	cbc	bcc	c
	Mildenhall ...	FFbcz₀c	cy	c,bxbc	bcc
	Cranwell ...	bm₀xbcc	cy	cbcbx	xbbcm₀c
3	Birmingham ...	tcc	cbcc	bcc	cb
	Upper Heyford	FFcbcc	cy	cybccm₀	cm₀
4	Ross-on-Wye	bmcfczc	cy	cb	bm₀xcm
5	Portland Bill ...	bcbc	bcbc	cbc	bcbc
	Plymouth ...	by	by	b	b
	The Lizard ...	bccbc	bc	bc	bcc
	Scilly (St. Mary's)	cbc	bcbbc	bcbbc	bccy
	Guernsey ...	cr₀bc	bccpr	bcc	cpr₀
6	Pembroke ...	bcm₀	bcm₀	b	bbcm₀
7	Holyhead ...	bxm₀c	cb	bm₀	bwxm₀
	Chester (Sealand)	bxmbczy	bcbz₀y	bm₀	cbccm₀x
8	Manchester ...	bmcbcz₀	bcz₀	bcz₀bfx	bfxcm
10	Spurn Head ...	bcc	c	cpr₀c	cprc
	Catterick ...	xbccy	cy	cybcb	bbccw
	Tynemouth ...	bcc	cbc	cm	cir₀m
11	Inchkeith ...	c	cbc	bc	bcz₀
	Leuchars ...	bcxcy	cy,by	bybx	bxbcm₀
12	Rentrew (Abbots I.)	fcbcbz₀	byz₀	bz₀m	bmfx
	Eskdalemuir ...	bcxc	bcyb	bbx	bx
	Point of Ayre...	bcb	bbc	bcb	bbc
13A	Tiree	bbc	bcb	b	bbc
13B	Stornoway ...	cv	c,bv	b	b,bc
15	Dalwhinnie ...	b	b	•	b
	Aberdeen ...	bccv	cvc	cbcm₀	bxbcx
	Wick ...	c	cpr₀c	c	cbc
16	Lerwick ...	cpr₀	cpr₀	c	c
17	Blacksod Point	bc	bc	bcq	bc
18	Malin Head ...	bbcc	cbcb	b	bccw
	Aldergrove ...	bxbm₀bc	bcyby	bybx	bxbcm₀
19	Birr Castle ...	bbc	bc	bcb	bxc
20	Valentia Obsy. †	bccy	cy	cybc	bcc
	Roches Point	bcy	bcybc	bc	bcc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

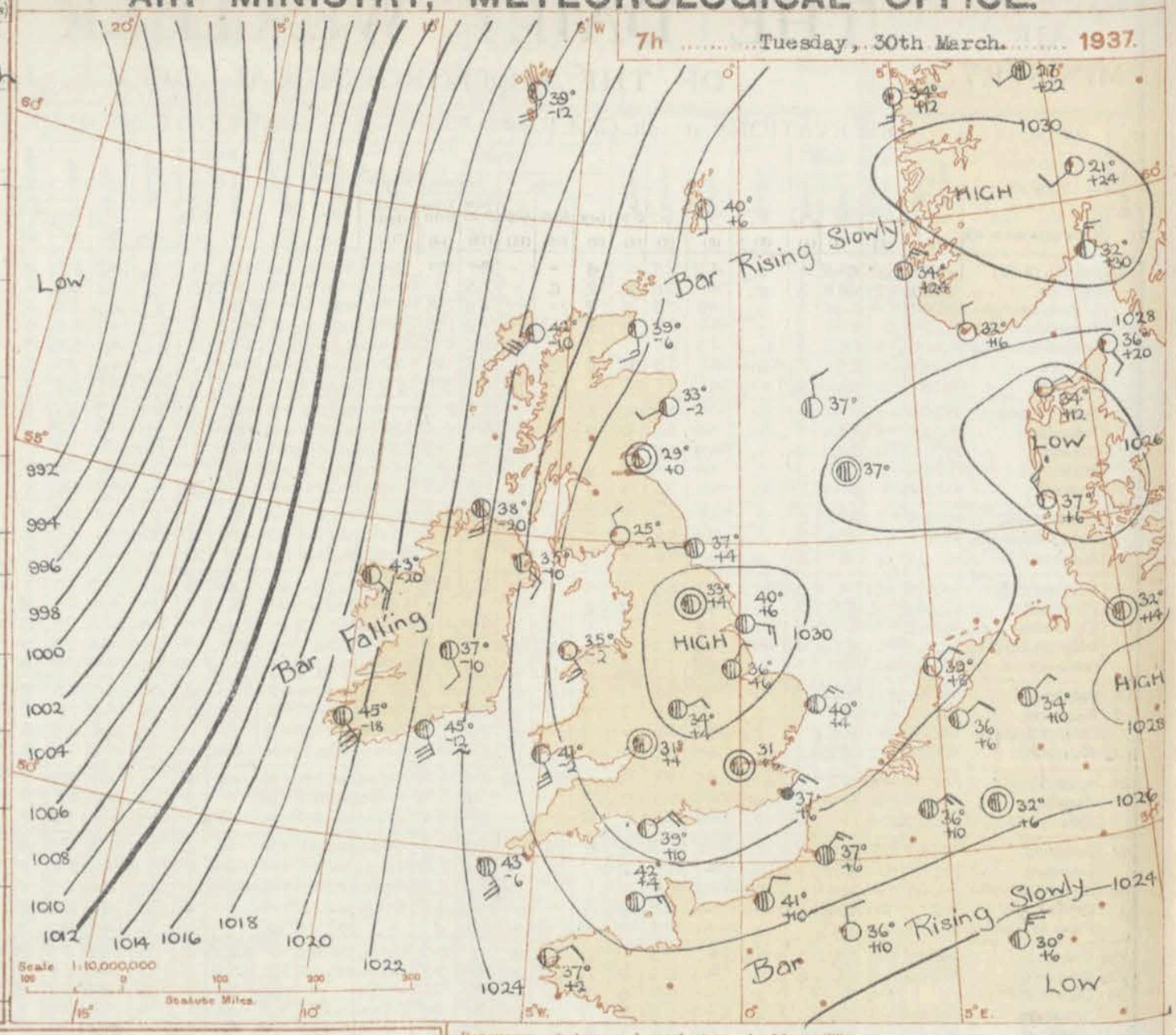
Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 29th March 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.	bbc	cbc	26	46	-	-	6·2	6·3
	Bournemouth	b	bbcc	30	50	-	-	6·2	5·4
	Ventnor ...	xb	b	33	48	-	-	10·0	10·4
	Southsea ...	zb	bcbz	31	48	-	-	8·6	7·1
	Bognor Regis	bc	bcc	33	46	-	-	6·3	6·5
	Littlehampton	bc	bc	31	46	-	-	4·7	6·9
	Worthing ...	bbc	bc	32	46	-	-	5·9	8·3
	Brighton ...	b	bc	33	47	-	-	5·9	4·8
	Eastbourne† ...	bcc	cobc	33	46	-	Trace	6·0	8·8
	Hastings† ...	cbc	opcbc	32	45	Trace	Trace	3·5	7·7
	Folkestone ...	crhc	cbcc	34	43	0·5	1	1·7	9·7
	Dover ...	crbc	bcer	35	44	2	Trace	3·1	11·0
	Deal	rcoc	obco	35	47	2	Trace	1·3	8·0
	Ramsgate ...	cpbc	bc	37	43	3	0·2	3·7	8·0
	Margate ...	cbcd	bc	35	44	Trace	Trace	4·1	6·5
2	Southend ...	b	bbcb	32	47	1	-	9·6	7·3
	Maldon ...	bbc	cv	32	45	-	-	4·7	5·4
	Clacton-on-Sea	bc	bc	32	45	-	-	9·4	6·5
	Dovercourt ...	bc	bc	31	45	Trace	-	7·1	4·8
	Lowestoft ...	bccpr	bcbbc	29	45	-	Trace	5·6	8·6
	Skegness ...	bcb	bbc	31	44	-	-	8·9	10·1
	Mablethorpe...	bc	bcbbcc	30	45	-	-	9·1	9·8
	Cleethorpes ...	bc	bc	32	46	-	-	7·9	8·8
3	Leamington S.	c	c	28	47	-	-	3·3	7·3
4	Cheltenham†	mbcc	cbcc	29	46	-	-	3·8	7·4
5	Bath	bcb	bbcc	28	47	-	-	5·5	8·2
	Weymouth ...	b	cb	34	47	-	-	8·3	8·9
	Jersey ...	bc	bc	37	48	-	-	8·7	11·0
	Torquay ...	bcz	b	32	47	-	-	10·0	10·7
	Penzance ...	b	b	37	49	-	-	10·0	7·5
	St. Ives ...	b	b	37	49	-	-	8·6	5·4
	Bude... ...	b	b	31	48	-	-	10·0	7·2
	Ilfracombe ...	bc	bcb	35	44	-	-	10·0	10·6
6	Aberystwyth	xzbc	bcz	33	48	-	-	9·6	8·0
7	Llandudno ...	zb	bz	28	45	-	-	8·7	10·8
	Colwyn Bay...	bcb	bcb	28	44	-	-	9·2	11·5
	Rhyl	xzbbc	bcbz	27	49	-	-	7·2	10·1
8	Wallasey ...	bcc	cbcb	31	46	Trace	-	6·7	10·4
	Southport ...	bbcz	bczbz	29	49	Trace	-	8·6	10·2
	Blackpool ...	bbc	bbc	31	47	-	-	10·0	11·0
	Morecambe ...	b	b	31	48	-	-	11·0	8·4
9	Ilkley... ...	bc	bc	30	48	-	-	6·2	4·6
	Harrogate ...	bbc	bcb	31	46	-	-	8·0	6·4
10	Berwick-on-T.	c	bcb	30	45	-	-	4·5	6·5
11	Dunbar ...	bcx	bc	31	45	-	-	8·1	4·4
12	Troon... ...	xbbcb	bbcb	31	47	-	-	8·9	8·2
	Douglas ...	bz	bz	33	45	-	-	10·5	7·7

† 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. 30th March, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light variable to easterly winds; fair; night frost, day temperature rather below average.
4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England	Moderate or fresh southeast to south wind; mainly fine; average temperature.
9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Light to moderate south winds; mainly fine; average temperature.
12 S.W. Scotland & Isle of Man.	Moderate or fresh south winds; fair; average temperature.
13 A. W. Scotld.	
13 B. N.W. Scotland.	South winds, strong to gale; cloudy, light rain later; average temperature.
14 Mid Scotland 15 N. E. Scotland 16 Orkney and Shetland	As 12 - 13A.
17 N. W. Ireland	South winds, strong to gale; occasional rain later; average temperature.
18 N. E. Ireland 19 S. E. Ireland	As 3 - 8.
20 S. W. Ireland	As 17.

GENERAL INFERENCE.

An anticyclone extending from Scandinavia to Eastern England is moving southeast and a deep depression in mid-Atlantic is moving northeast. There will be some rain later in Western Ireland and West Scotland but elsewhere weather will continue fair with rising temperatures.

FURTHER OUTLOOK.

Unsettled in the Northwest; fair elsewhere with rising temperatures.

Time of Issue of Gale Warnings.

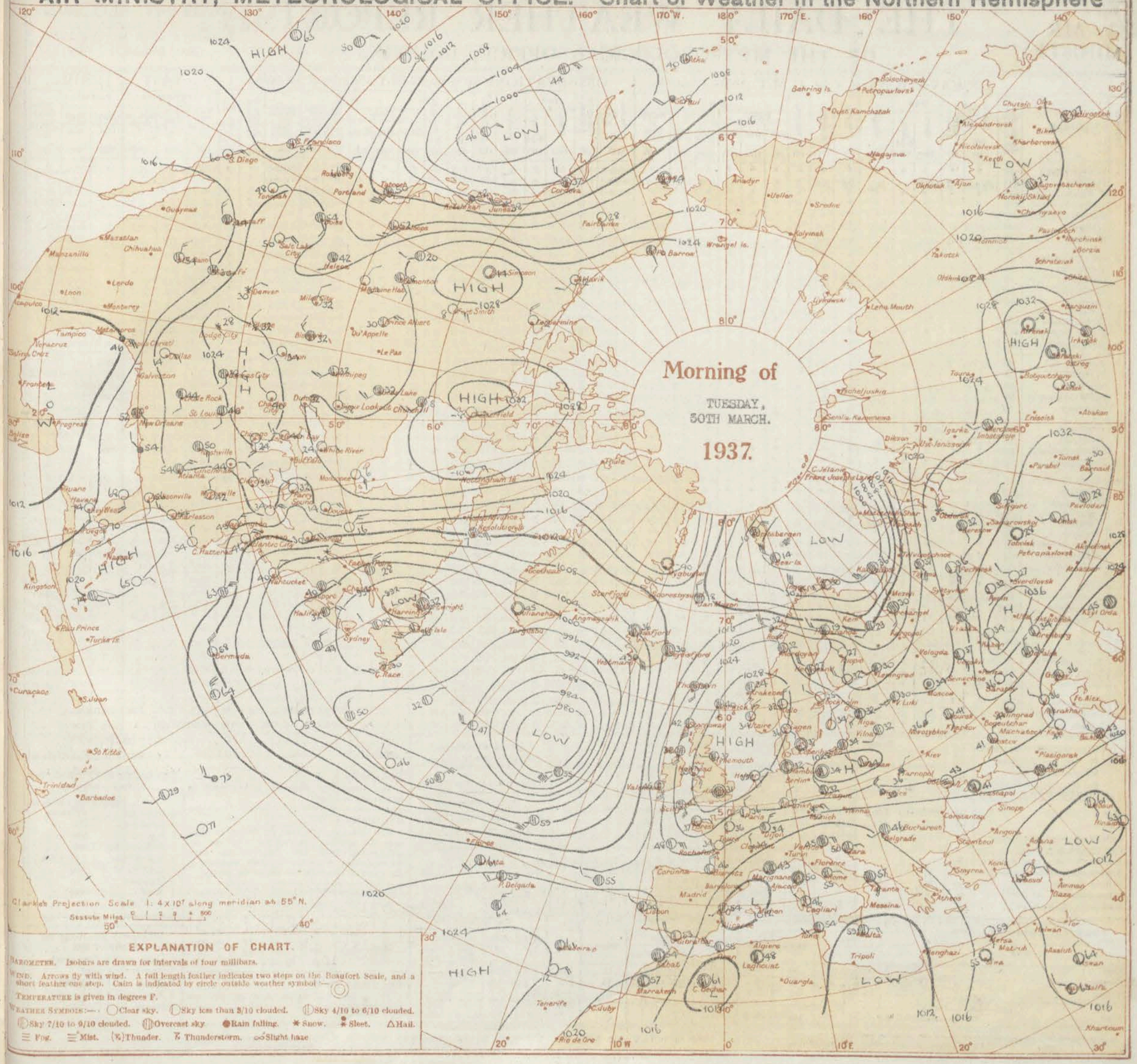
South Cone hoisted 0815 30th in districts 6, 12, 13, 17, 19 and 20.

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

Tuesday, 30th March, 1937.
No. 27522.

OBSERVATIONS at 1 hr. G.M.T. 30th March

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1028·3	+8	NE'E	1	Z_o	32	85	5	5	-	-	4·6	4·6	5700
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1027·8	0	N'E	3	bc	34	85	7	8	6	-	2·3	4·6	2500
	Manston ...	142	1027·7	+6	NNE	3	c	39	75	8	5	-	-	7·8	7·8	4000
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1028·3	+6	NW	2	c	39	85	7	5	-	-	10	10	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1027·0	+2	E	4	bc	41	75	8	4	-	-	4·6	4·6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1026·2	+2	ENE	4	bc	42	65	8	2	-	-	2·3	2·3	2500
	Scilly (St. Mary's)	163	1025·9	+4	SE	5	bc	42	65	8	1	-	-	2·3	2·3	4000
	Guernsey ..	175	1025·4	+6	ENE	4	c	43	65	7	8	-	-	7·8	7·8	2500
6	Pembroke ...	142	1026·9	+2	SE'E	3	b	39	85	7	-	-	-	0	0	-
7	Holyhead ...	26	1028·2	+6	SE'S	2	b	35	92	6	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1029·0	+6	NNE	3	bc	38	92	7	5	7	-	4·6	4·6	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1028·9	0	SW	1	m	39	75	4	5	-	-	7·8	7·8	1500
11	Inchkeith ...	190	1028·5	+2	E	1	bc	38	85	8	5	-	-	2·3	2·3	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1028·5	+2	S	3	b	39	97	7	-	-	-	0	0	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1026·5	+2	SSE	4	b	41	75	8	5	7	-	Tr	1	4000
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1027·9	0	W	1	c	37	97	8	5	1	-	4·6	7·8	1500
16	Lerwick ...	156	1027·7	+4	SSW	3	c	41	97	8	8	7	-	7·8	9	800
17	Blacksod Point	18	1021·3	-12	SE	5	bc	42	75	7	-	3	-	0	2·3	-
18	Malin Head ...	84	1026·0	0	SE	2	b	36	97	8	-	-	-	0	0	-
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1022·0	-4	SE	5	c	45	85	8	4	-	8	Tr	7·8	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 30th March

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High (25)	Amount Low 0–10 (26)	Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1028·9	+4	N	2	Z_o	37	85	6	5	-	-	9+	9+	2500	1	*
	Croydon ...	1029·1	+6	-	0	Z_o	31	85	5	5	-	-	9+	9+	4000	1	*
	S. Farnborough	1029·4	+6	NNE	1	Z_o	28	97	6	5	3	-	4·6	7·8	7200	3	*
	Boscombe Down	1029·5	+8	N'E	1	Z_o	29	85	6	5	-	-	7·8	7·8	4000	3	*
	Calshot (Sthmtn.)	1028·7	+8	NNW	2	Z_o	33	92	6	-	-	-	0	0	-	1	2
	Lympne ...	1028·4	+6	NE'N	3	pr.	37	85	7	5	-	-	9+	9+	2500	1	1
	Manston ...	1028·2	+4	ENE	3	pr.	39	75	7	5	3	-	9	9+	4000	1	*
2	Shoeburyness ...	1028·5	+2	NW	3	c	38	75	8	5	-	-	~~10~~ 9+	~~10~~ 9+	2500	1	*
	Felixstowe ...	1028·8	+6	N'E	2	c	38	75	7	5	-	-	10	10	4000	1	2
	Gorleston ...	1029·1	+4	NE'N	3	c	40	65	7	5	-	-	10	10	2500	0	2
	Mildenhall ...	1029·4	+6	ENE	1	c	37	75	8	5	-	-	10	10	4000	1	*
	Cranwell ...	1030·0	+6	NNE	1	c	36	92	6	5	-	-	9+	9+	2500	1	*
3	Birmingham ...	1030·0	+4	ENE	1	c	34	85	5	5	-	-	10	10	2500	1	*
	Upper Heyford	1029·7	+8	NNE	2	Z_o	35	85	6	5	-	-	10	10	1500	1	*
4	Ross-on-Wye	1029·4	+4	-	0	Z_o	31	92	5	5	-	-	9	9	4000	3	*
5	Portland Bill ...	1029·1	+10	ENE	4	bc	39	75	7	4	-	-	2·3	2·3	2500	1	3
	Plymouth ...	1027·7	+4	E'S	1	b	35	85	8	5	-	1	Tr	Tr	2500	1	1
	The Lizard ...	1026·4	+2	E'N	4	c	43	75	7	8	6	-	7·8	7·8	2500	1	3
	Scilly (St. Mary's)	1025·4	-6	SE'S	5	c	43	55	8	5	6	2	4·6	9	2500	0	3
	Guernsey ..	1027·3	+4	E	3	c	42	65	8	8	-	-	9	9	2500	1	3
6	Pembroke ...	1026·6	-2	SSE	5	bc	41	75	6	5	6	-	4·6	4·6	4000	1	3
7	Holyhead ...	1028·0	-2	SE'S	3	b	35	85	6	-	-	1	0	1	-	0	1
	Chester (Sealand)	1029·6	+2	ESE	1	Z_o	32	92	5	5	-	-	10	10	4000	3	*
8	Manchester ...	1030·1	+4	E	1	m/f	34	85	4	5	-	-	9+	9+	2500	3	*
10	Spurn Head ...	1030·1	+6	ESE	3	c/pr	40	65	8	5	2	-	9	10	1500	1	2
	Catterick ...	1030·6	+4	-	0	c	33	92	7	5	7	-	2·3	10	2500	1	*
	Tynemouth ...	1029·6	+4	W	1	c/r	37	85	5	9	-	-	7·8	7·8	800	1	1
11	Inchkeith ...	1028·1	+2	SE	1	Z_o	36	85	6	5	-	-	4·6	4·6	800	3	1
	Leuchars ...	1029·7	0	-	0	bc	29	92	6	5	4	-	2·3	4·6	4000	1	*
12	Renfrew (Abbots I.)	1028·6	0	-	0	f	25	92	3	-	-	-	0	0	-	3	*
	Eskdalemuir ...	1030·6	-2	NNW	1	b	25	85	7	-	-	-	0	0	-	3	*
	Point of Ayre...	1028·3	0	S	4	b	39	97	6	-	4	-	0	Tr	-	0	2
13A	Tiree	1023·7	-14	SSE	6	bc	40	85	7	5	-	-	Tr	4·6	4000	0	4
13B	Stornoway ...	1024·6	-10	SSW	6	bc	42	75	7	5	7	4	2·3	4·6	2500	1	3
15	Dalwhinnie ...	1029·1	-4	S	3	b	29	92	8	4	6	-	Tr	Tr	<150	9	*
	Aberdeen ...	1029·2	-2	SW	1	bc	33	85	8	5	-	-	4·6	4·6	5700	3	1
	Wick ...	1027·2	-6	S	3	bc	39	92	8	5	1	-	2·3	2·3	2500	1	1
16	Lerwick ...	1028·1	0	S	1	c	40	85	8	5	7	-	7·8	9	1500	1	*
17	Blacksod Point	1018·8	-20	SE	5	bc	43	75	8	-	7	-	0	4·6	-	0	3
18	Malin Head ...	1023·9	-20	S	4	c	38	97	7	5	-	6	2·3	9	4000	0	1
	Aldergrove ...	1025·8	-10	SE'E	3	Z_o	35	92	6	5	3	6	Tr	4·6	1500	1	*
19	Birr Castle ...	1023·4	-10	SSE	2	c	37	85	8	5	-	-	7·8	7·8	2500	1	*
20	Valentia Obsy. †	1018·8	-18	SE'S	6	c	45	65	8	4	2	-	7·8	10	4000	0	3
	Roches Point	1023·1	-12	SSE	6	c	45	75	8	2	1	-	4·6	9	1500	0	4

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Night 18h–7h mm. (35)	Sunshine 29th Hrs. (36)
1	London (Kew)	45	33	20	-	-	3·1
	Croydon ...	46	28	24	-	-	3·5
	S. Farnborough	47	24	16	-	Tr	3·8
	Boscombe Down	46	28	23	-	-	6·0
	Calshot (Sthmtn.)	47	33	30	-	-	7·1
	Lympne ...	43	33	26	2	0·4	1·9
	Manston ...	45	37	34	Tr	Tr	4·6
2	Shoeburyness ...	47	31	21	-	-	10·3
	Felixstowe ...	46	33	28	-	-	8·3
	Gorleston ...	45	38	35	-	-	6·8
	Mildenhall ...	45	32	25	-	Tr	2·7
	Cranwell ...	46	31	22	Tr		4·5
3	Birmingham ...	44	32	20	-	-	3·1
	Upper Heyford	46	34	29	0·1	-	*
4	Ross-on-Wye	45	28	14	-	-	3·3
5	Portland Bill ...	45	36	*	-	-	*
	Plymouth ...	47	35	31	-	-	10·9
	The Lizard ...	48	41	*	-	-	*
	Scilly (St. Mary's)	49	41	*	-	-	9·0
	Guernsey ..	47	40	36	0·2	0·1	8·4
6	Pembroke ...	47	32	*	-	-	9·5
7	Holyhead ...	46	33	25	-	-	7·9
	Chester (Sealand)	49	29	21	-	-	~~6·3~~
8	Manchester ...	49	31	21	-	-	6·0
10	Spurn Head ...	46	36	*	-	0·3	6·4
	Catterick ...	45	28	22	-	-	5·3
	Tynemouth ...	44	35	30	-	0·3	0·5
11	Inchkeith ...	46	33	22	-	-	10·5
	Leuchars ...	48	26	17	-	-	7·6
12	Renfrew (Abbots I.)	49	23	18	-	-	7·6
	Eskdalemuir ...	47	21	16	0·1	-	5·0
	Point of Ayre...	47	33	*	-	-	11·5
13A	Tiree	48	36	34	-	-	11·4
13B	Stornoway ...	46	37	*	-	-	4·7
15	Dalwhinnie ...	45	28	17	-	-	11·0
	Aberdeen ...	49	29	24	-	-	2·3
	Wick ...	46	34	*	Tr	-	*
16	Lerwick ...	40	37	*	Tr	-	0·3
17	Blacksod Point	49	30	*	-	-	*
18	Malin Head ...	48	34	*	-	-	11·4
	Aldergrove ...	49	32	26	-	-	10·8
19	Birr Castle ...	51	32	20	-	-	10·2
20	Valentia Obsy. †	52	44	41	-	-	7·7
	Roches Point	48	44	*	-	-	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (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	ombcc	cz_o	cbcbx	45	33	20	-	-	3·1	•	•	6
Croydon ...	217	ombczcy	cz_oy	bcbmx	46	28	24	-	-	3·5	•	•	4
Greenwich (Royal Observatory) ...	149	bmcy	cy	cbxc	47	31	20	-	-	2·9	62	57	6
City (Bunhill Row) ...	—	•	•	•	•	•	•	•	•	3·4	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	46	35	28	-	-	3·2	61	65	•
Regents Pk. (Botanic Gardens)‡...	168	•	•	•	47	33	24	-	-	3·4	59	72	•
Camden Square ...	110	bc	c	•	47	33	24	-	-	•	•	71	•
Kensington ...	80	c	c	•	45	34	26	-	-	3·6	At 18h. 55	62	•
Hampstead Observatory ...	450	bc	bc	o	43	32	21	-	-	3·5	•	74	•

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	20-23 29th	<0·3	3-6h. 30th

Kew Observatory. Max.	Time.	Min.	Time.
0·3	24h. 29th	<0·1	7h. ~~30th~~ 29th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 29th March. Barom. mb.	Wind. Direc.	Force.	Weather.	Temp. °F.	7h. G.M.T. 30th March. Barom. mb.	Wind. Direc.	Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Night mm.
Paris ...	1022·3	NE	4	c	43	1025·0	N	2	b	36	48	34	-	-
Brussels ...	1024·2	NE	2	c	41	1027·0	NE	3	o	36	45	36	-	-
Berlin ...	1024·1	SSW	1	bc	34	1028·3	-	0	Z_o	34	37	27	-	-
Zürich ...						1017·3	NE	3	c	36		32		?
Rome ...	1009·4	SE	4	c	55	1012·1	E	1	c	55	*	*	0·2	1

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 —Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 31st March, 1937.

No. 27523.

District	Stations (For heights see p. 4.)	Observations at 13h. G.M.T. 30th March: Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	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)	Observations at 18h. G.M.T. 30th March: Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	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)	Past 24 Hours. Weather. 7h.–13h. 30th (37)	13h.–18h. 30th (38)	18h. 30th to 1h. 31st. (39)	1h.–7h. 31st. (40)
1	London (Kew)	1027.9	-18	E'S	3	z_o	43	65	5	5	-	-	10	10	4000	1026.2	-10	E'S	3	z_o	42	65	6	5	-	-	7-8	7-8	4000	1	*	cz_o	cz_o	cz_o	cz_o
	Croydon ...	1027.6	-12	E'N	3	c	44	65	6	7	-	-	9+	9+	4000	1025.7	-10	E	3	z_o	40	65	6	5	3	-	4-6	7-8	5700	1	*	czfcyz_o	cz_o	c	c
	S. Farnborough	1027.7	-14	E'S	3	c	43	55	6	5	-	-	9+	9+	4000	1025.7	-18	E'S	3	c	42	55	6	5	-	-	9	9	5700	1	*	bcmczy	cz_oy	cm_o	cm_o
	Boscombe Down	1027.3	-16	E	3	bc	45	55	8	7	-	1	2-3	4-6	4000	1025.1	-18	ESE	3	c	42	65	7	5	1	1	7-8	9	4000	1	*	cm_obcy	bcyc	cbc	bcc
	Calshot (Sthmtn.)	1027.0	-14	E'S	3	c	46	65	8	7	6	-	7-8	7-8	4000	1025.1	-18	ESE	4	c	43	75	8	7	-	-	7-8	7-8	4000	1	3	bm_oc	bcc	cbc	cbc
	Lympne ...	1028.2	-10	ENE	3	c	42	65	9	5	-	-	7-8	7-8	2500	1026.8	-2	ENE	3	c	40	55	8	5	-	-	10	10	2500	1	2	cpr_oc	ccy	cb	bbxm
	Manston ...	1027.9	-6	E'N	4	c	42	65	8	8	-	-	7-8	7-8	4000	1026.7	-6	E'S	4	c	41	65	8	5	-	-	10	10	4000	1	*	cpr	bcc	cbc	bcbxm_o
2	Shoeburyness ...	1028.4	-6	E'N	3	s/pr	44	75	8	8	7	-	4-6	9	2500	1026.9	-8	E	3	c	42	65	8	5	-	-	9+	9+	2500	1	*	pp$_o$fvc	cvbcc	c	cbcm_o
	Felixstowe ...	1028.8	-6	E	3	c	45	65	8	5	3	-	4-6	7-8	1500	1027.6	-4	E'N	3	c	42	65	7	5	2	-	7-8	9+	1500	1	3	cpr_obc	bcyc	c	c
	Gorleston ...	1029.6	-4	NE	2	c	42	75	7	8	-	-	9+	9+	2500	1028.3	-6	NE'E	2	bc	41	85	7	2	4	-	2-3	2-3	4000	0	2	cbcc	cbc	bcc	cbc
	Mildenhall ...	1028.6	-14	SE	3	c	44	55	8	5	-	-	10	10	2500	1027.1	-8	ESE	3	c	43	65	8	5	-	-	9+	9+	4000	0	*	cy	cy	cbcc	c
	Cranwell ...	1029.1	-10	SE'E	3	c	43	55	9	5	-	-	9+	9+	4000	1026.8	-14	SE'S	3	c	40	65	8	5	-	-	10	10	2500	1	*	cm_ocy	c	c	c
3	Birmingham ...	1028.1	-8	ESE	3	c	40	65	6	5	-	-	9+	9+	2500	1025.5	-14	SSE	3	c	41	55	6	5	-	4	2-3	7-8	4000	1	*	c	cbc	bcc	c
	Upper Heyford	1028.2	-14	ESE	3	c	41	65	8	5	-	-	9	9	2500	1026.4	-10	ESE	3	z_o	41	65	6	5	-	-	9+	9+	2500	0	*	cmc	cy	cm_o	cm_oc
4	Ross-on-Wye	1027.3	-12	ESE	3	c	42	55	7	5	-	-	9+	9+	4000	1024.1	-12	SE	3	z_o	44	55	6	5	-	6	2-3	7-8	4000	1	*	cm_obmfz$_o$	cbcbbc	bcbz_oc	c
5	Portland Bill ...	1026.5	-6	ESE	4	bc	45	65	8	4	-	1	2-3	4-6	2500	1024.1	-12	SE	5	c	43	65	8	4	-	-	7-8	7-8	2500	1	3	bcc	c	c	c
	Plymouth ...	1026.7	-4	SE	3	c	47	65	8	7	-	4	7-8	7-8	2500	1023.6	-10	SE'S	3	c	43	65	8	5	2	6	7-8	9+	2500	1	1	bbcyc	cbcc	c	c
	The Lizard ...	1024.7	-12	E'S	5	c	46	65	8	8	7	-	7-8	9+	2500	1022.4	-12	E'S	5	c	43	65	8	8	2	-	7-8	10	2500	1	3	c	c	cq	c
	Scilly (St.Mary's)	1023.9	-18	S'E	5	c	46	65	8	8	-	-	10	10	2500	1021.4	-10	S'E	5	c	44	66	7	8	2	-	7-8	10	2500	0	3	c	c	c	c
	Guernsey ...	1026.2	-4	E'S	2	c	45	65	9	8	-	-	7-8	7-8	2500	1024.3	-8	ESE	3	bc	43	65	9	8	1	-	4-6	4-6	2500	1	3	cpr_o	cbc	bc	bcc
6	Pembroke ...	1024.6	-6	SE'S	5	bc	45	55	7	7	7	-	2-3	4-6	4000	1021.0	-12	S'E	5	q	45	65	7	5	6	-	4-6	9+	4000	1	3	bcmy	bccqc	cq	om_oqc
7	Holyhead ...	1025.6	-14	SSW	4	bc	47	55	7	-	3	8	0	4-6	-	1021.8	-10	S'E	4	c	45	65	8	-	-	7	0	9+	-	0	2	bm_obcy	bccy	c	c
	Chester(Sealand)	1027.7	-10	SE'E	4	z_o	42	65	6	5	-	-	10	10	2500	1024.5	-10	SE'E	4	z_o	41	65	6	5	-	3	2-3	9	5700	1	*	cm_oz	cz_oy	cz_o	cz_o
8	Manchester ...	1028.4	-12	SE	4	c	42	55	7	5	3	-	9	9+	2500	1025.7	+2	SSE	4	z_o	41	55	6	5	-	-	9+	9+	4000	1	*	cmfz$_o$y	cz_oy	cz_om_o	cm_oz_o
10	Spurn Head ...	1029.3	-4	E'N	4	bc	43	75	8	-	7	-	0	4-6	-	1026.8	-12	ESE	4	c	40	75	8	5	7	-	4-6	7-8	4000	0	3	pncbc	bcc	cq	qco
	Catterick ...	1028.9	-10	SE	3	c	42	75	9	5	-	-	10	10	2500	1025.7	-16	SE	3	c	41	75	8	5	-	-	10	10	2500	1	*	cwc	c	c	c
	Tynemouth ...	1028.9	-10	SE	3	c	41	75	8	5	-	-	7-8	7-8	1500	1025.8	-20	SE	4	c	40	75	8	5	-	-	9+	9+	2500	1	2	c	c	obc	bcc
11	Inchkeith ...	1027.0	-10	SE	3	bc	46	75	8	8	-	-	4-6	4-6	2500	1024.3	-18	SE	4	c	42	75	8	8	-	-	7-8	7-8	2500	0	3	zbc	bcc	cbc	bcc
	Leuchars ...	1027.8	-12	SE	4	c	44	65	8	8	-	-	9+	9+	4000	1024.7	-18	SE	4	c	42	75	7	5	-	-	9+	9+	2500	1	*	bcm_oc	c	c	ccz_o
12	Renfrew (Abbots L.)	1025.5	-22	SSE	3	c	47	55	7	1	-	6	4-6	7-8	2500	1021.9	-10	SE	2	z_o	44	65	6	4	-	6	4-6	7-8	4000	0	*	bfxbcm_o	bcz_oy	bcm_o	$bccm_o$
	Eskdalemuir ...	1026.7	-10	SSE	5	c	43	56	8	5	-	-	9	9	4000	1024.0	-10	SSE	3	c	39	65	7	5	-	2	4-6	7-8	4000	1	*	bycq	cqyc	cbcb	bbccx
	Point of Ayre...	1026.1	-4	S'W	5	bc	45	85	8	-	-	7	0	2-3	-	1022.2	-18	S'E	6	c	41	92	7	-	5	-	0	7-8	-	0	3	bc	bcc	co	o
13A	Tiree	1015.3	-26	SE'S	7	bc	46	75	7	5	7	-	2-3	4-6	2500	1015.1	-24	SSE	8	c	42	75	7	5	-	-	9+	9+	2500	0	5	bc	bcc	crr	orirr
13B	Stornoway ...	1020.4	-20	SE	5	c	46	65	6	5	-	6	4-6	10	2500	1014.8	-30	SSE	7	c	45	65	6	5	-	7	4-6	10	2500	1	5	c	c	cbccm$_o$	cr$_o$pr$_o$m$_o$
15	Dalwhinnie ...	1024.6	-18	S	5	bc	40	65	7	4	6	-	2-3	4-6	2500	1020.9	-6	S	5	bc	37	92	7	4	6	-	2-3	4-6	2500	9	*	bc	bc	*	c
	Aberdeen ...	1027.6	-10	SSE	4	c	44	55	7	7	-	-	9+	9+	4000	1024.5	-14	SSE	5	bc	40	75	7	7	-	-	4-6	4-6	2500	1	2	bcbyc	cybc	bccr	cbcz
	Wick ...	1024.5	-14	SSE	5	bc	45	85	8	5	1	-	2-3	4-6	2500	1021.0	-20	SSE	6	c	42	92	8	5	7	1	4-6	7-8	1500	1	3	bc	bcc	cbc	bcc
16	Lerwick ...	1026.9	-8	SSW	4	c/pr	42	75	8	8	2	-	7-8	9	800	1024.2	-10	SSW	7	c	41	75	8	8	7	-	7-8	9	1500	1	*	cpr	c	c	c
17	Blacksod Point	1011.1	-36	SE	8	q	47	65	8	-	7	-	0	10	-	1006.8	-32	SE	8	iR	44	85	7	9	-	-	10	10	450	1	6	cq	iRq	iRq	prcq
18	Malin Head ...	1016.6	-46	S'E	6	f	47	85	7	5	-	6	2-3	9+	2500	1014.5	-12	S'E	6	c	42	92	7	5	7	-	4-6	9+	2500	0	2	c	c	c	cir
	Aldergrove ...	1022.2	-26	SSE	5	c	46	55	7	4	-	7	1	9+	2500	1019.1	-10	SSE	5	c	42	75	6	5	2	-	2-3	10	2500	1	*	bcxm_oc	cycm$_o$	cm_o	cr$_o$cm$_o$
19	Birr Castle ...	1019.1	-26	S	5	c	46	65	8	5	1	-	7-8	10	2500	1015.9	-6	S	5	o	44	65	7	5	-	-	10	10	2500	1	*	c	co	oc	crr
20	Valentia Obsy. †	1012.7	-34	SE'S	8	c	48	65	8	5	2	-	9	10	2500	1010.6	-16	SSE	8	rr	43	92	6	6	2	-	7-8	10	1500	1	4	c	ir$_o$rr	crrolrr	rririd$_o$
	Roches Point	1019.3	-20	SSE	7	c	46	75	8	5	1	-	2-3	10	1500	1017.1	-4	S	7	c	45	85	7	6	1	-	4-6	10	1500	0	5	c	c	crr	odd

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog ,, less than 220 yds.
fs, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s_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_o 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.*

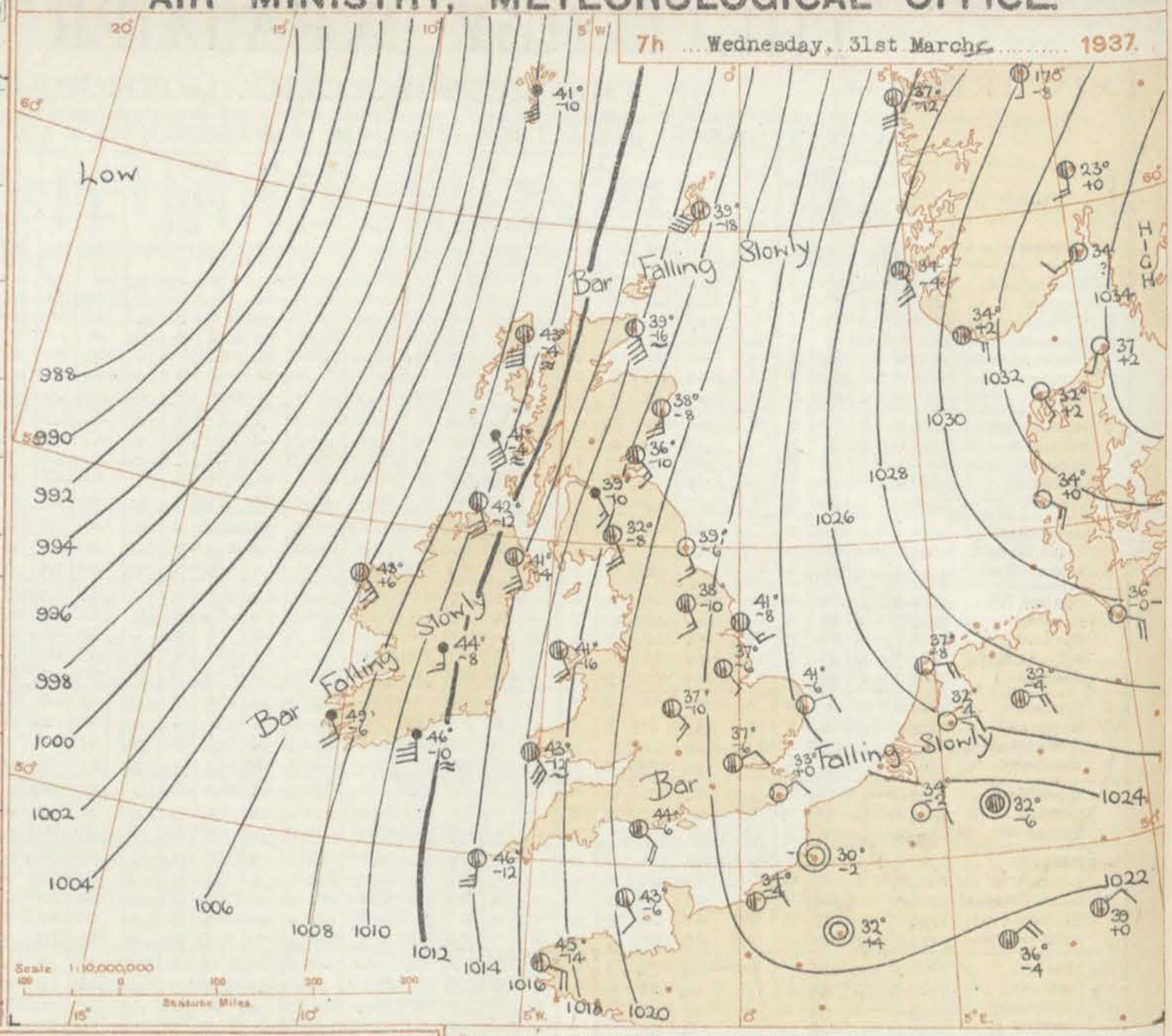
† Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 30th March 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.	od,o	o	29	45	-	Trace	0·0	6·7
	Bournemouth	b	bbbc	29	51	-	-	9·7	6·2
	Ventnor ...	xb	bob	34	48	-	-	8·0	10·1
	Southsea ...	bbc	cbc	32	49	-	-	5·7	8·8
	Bognor Regis	bcbcc	ccbc	32	46	-	-	5·3	6·3
	Littlehampton	bcc	c	31	46	-	-	3·5	4·7
	Worthing ...	bcc	c	33	45	-	-	2·2	5·9
	Brighton ...	c	cbc	33	46	-	-	0·4	5·9
	Eastbourne† ...	or,o	obbcc	34	45	-	Trace	3·4	6·2
	Hastings† ...	occ	bcbcc	34	46	Trace	-	3·6	4·1
	Folkestone ...	or,c	cbcco	36	45	Trace	Trace	3·2	1·7
	Dover ...	yc	cbcco	37	46	0·4	-	3·2	3·3
	Deal	o	bbco	38	47	0·5	-	3·3	1·4
	Ramsgate ...	c	bcc	37	44	1	-	3·0	4·0
	Margate ...	c	bcc	38	45	Trace	-	2·6	4·7
2	Southend ...	or,c	cbcc	33	45	-	Trace	1·7	10·0
	Maldon ...	c	c	34	46	-	-	0·7	4·7
	Clacton-on-Sea	cpc	cbc	34	44	-	0·2	2·0	9·8
	Dovercourt ...	bcc	bcv	34	47	-	-	3·6	7·7
	Lowestoft ...	c	cbcb	36	45	-	-	3·5	5·6
	Skegness ...	cp,bc	bc	36	44	-	Trace	4·2	8·9
	Mablethorpe...	cbc	cpbcc	37	45	-	Trace	5·7	9·1
	Cleethorpes ...	bcr,bc	bc	37	45	0·5	Trace	4·5	7·9
3	Leamington S.	oc	c	33	44	-	-	0·2	3·3
4	Cheltenham†	oc	cbcm	32	46	-	-	2·4	3·8
5	Bath	cbcb	bcb	28	51	-	-	6·4	6·2
	Weymouth ...	b	b	33	48	-	-	10·7	8·3
	Jersey ...	cbc	bcb	41	48	-	-	5·3	9·7
	Torquay ...	bbc	bccq	36	47	-	-	9·6	10·9
	Penzance ...	bccbc	c	37	49	-	-	4·3	10·7
	St. Ives ...	c	c	45	47	-	-	2·4	9·7
	Bude... ...	bbc	bcc	32	48	-	-	7·8	10·7
	Ilfracombe ...	bcbbc	bbc	36	49	-	-	9·4	10·6
6	Aberystwyth	xzbc	bcc	31	48	-	-	9·1	10·0
7	Llandudno ...	z,b	bbc	30	49	-	-	9·3	9·0
	Colwyn Bay...	bccbc	bcbcb	30	48	-	-	9·0	9·7
	Rhyl	zbbcc	cz,bc	29	45	-	-	5·6	7·3
8	Wallasey ...	mbcc	cbc	36	44	-	-	1·4	6·7
	Southport ...	coz	ocz	30	43	-	-	0·6	8·6
	Blackpool ...	co	oc	31	44	-	-	2·4	10·0
	Morecambe ...	cbbcc	bccbc	31	46	-	-	3·9	11·8
9	Ilkley... ...	c	c	26	42	-	-	0·0	6·6
	Harrogate ...	c	c	29	42	-	-	0·1	8·5
10	Berwick-on-T.	c	c	30	43	-	-	0·0	5·4
11	Dunbar ...	bcx	bc	33	45	-	-	2·4	8·1
12	Troon... ...	xbcbb	bbcbc	32	47	-	-	6·9	11·2
	Douglas ...	bz	bcz	35	44	-	-	8·2	10·9

† 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. 31st March, 1937.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light southeast wind; fair; average temperature.
4 W. Midlands ... 5 S.W. England 6 South Wales ...	Moderate or fresh southeast to south winds; mainly cloudy; light rain later; average temperature.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	Strong south winds, moderating; cloudy; occasional rain; average temperature.
10 N.E. England 11 S.E. Scotland	As 4 - 6.
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	South winds, strong to gale; cloudy; occasional rain; average temperature.
17 N. W. Ireland 18 N. E. Ireland	Moderate or fresh south to southwest winds; cloudy; occasional rain; average temperature.
19 S. E. Ireland	Strong south winds, moderating; cloudy; occasional rain; average temperature.
20 S. W. Ireland	As 17.

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

GENERAL INFERENCE.

A deep depression south of Iceland is moving northeast and further depressions are moving northeast over the Atlantic. Weather will be milder generally and unsettled in the West and North and probably unsettled in the East also later.

FURTHER OUTLOOK.

Milder generally.

TIMES OF ISSUE OF GALE WARNING.

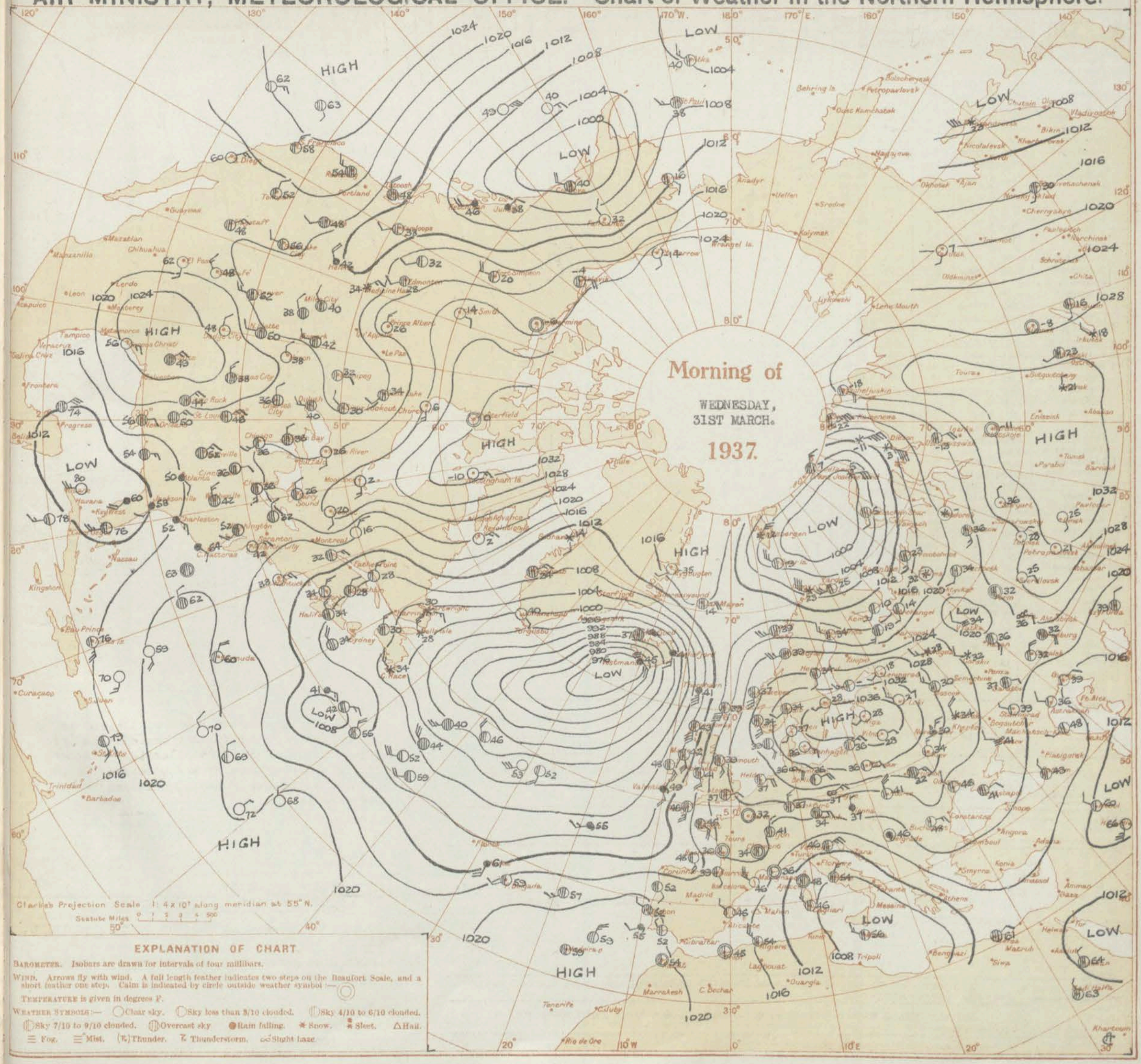
South Cone hoisted at 0815 on 30th in dists. 6, 13, 17, 18, 20.

South Cone hoisted at 1415 on 30th in dists. 7, 10, 12, 16, 19.

Forecasts issued at 1030 G.M.T.

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

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 31st March, 1937.
No. 27523.

OBSERVATIONS at 1 hr. G.M.T. 31st March

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1024·2	-14	E'S	2	c	39	65	7	5	-	-	7·8	7·8	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1024·9	-18	E'S	4	b	37	75 ~~97~~	7	-	-	-	0	0	-
	Manston ...	142	1024·5	-14	ESE	3	c	39	75	8	5	-	-	7·8	7·8	2500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1026·2	-10	E'S	3	c	41	75	8	5	-	-	10	10	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1021·9	-6	SE	4	c	43	75	8	4	-	-	7·8	7·8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1019·6	-16	SE'E	4	c	44	85	8	8	2	-	7·8	10	2500
	Scilly (St. Mary's)	163	1017·8	-16	S'E	5	c	45	75	7	5	-	-	10	10	2500
	Guernsey ..	175	1022·7	-14	SSE	2	bc	41	75	7	-	1	-	0	2·3	-
6	Pembroke ...	142	1018·4	-8	SSE	7	q	42	75	8	5	2	-	4·6	9+	2500
7	Holyhead ...	26	1019·8	0	S	6	c	42	75	7	-	2	-	10	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1025·3	-10	SSE	5	q	41	65	8	5	2	-	7·8	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	108	1022·8	-4	S	3	bc	38	75	7	2	-	-	4·6	4·6	1500
11	Inchkeith ...	190	1022·0	-6	SE	3	bc	38	75	7	5	-	-	2·3	2·3	2500
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1019·7	-6	S'E	6	c	41	92	7	-	2	-	0	10	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1012·3	-20	SSE	8	c	43	65	6	5	7	-	4·6	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1018·0	-14	SSE	8	bc	38	97	8	5	7	-	2·3	4·6	2500
16	Lerwick ...	156	1021·2	-8	SSW	8	c	39	75	7	8	2	-	7·8	10	800
17	Blacksod Point	18	1005·1	-6	SE	7	q	47	85	7	9	-	-	9	9	800
18	Malin Head ...	84	1010·5	-10	S	5	c	43	92	7	9	-	-	9	9	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1007·5	-6	SSE	7	rr	48	97	5	9	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 31st March

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)	1022·3	-6	ESE	2	z_o	40	65	6	5	-	-	9+	9+	2500	1	*
Croydon ...	1022·3	-6	E'N	2	c	37	75	6	-	3	8	0	9	-	1	*
S. Farnborough	1021·8	-6	E	2	c	38	75	6	5	-	1	9	9+	2500	1	*
Boscombe Down	1021·6	-12	E	2	c	36	85	7	5	7	6	4·6	9	2500	1	*
Calshot (Sthmtn.)	1021·4	-16	ESE	2	c	41	75	7	-	3	6	0	7·8	-	1	2
Lympne ...	1023·6	0	ENE	2	z_o	33	92	5	-	4	-	0	Tr	-	3	§ 1
Manston ...	1023·1	0	E'S	1	z_o	33	92	6	5	-	-	2·3	2·3	2500	1	*
Shoeburyness ...	1023·4	-6	SE'E	2	bc	39	85	6	2	8	-	2·3	4·6	2500	1	*
Felixstowe ...	1023·9	-4	E	1	c	42	65	7	5	-	-	9+	9+	4000	1	2
Gorleston ...	1024·5	-6	E'N	2	bc	41	65	7	8	-	-	4·6	4·6	2500	0	2
Mildenhall ...	1023·6	-4	E'S	1	c	40	75	8	5	-	-	9+	9+	4000	1	*
Cranwell ...	1023·5	-6	SE	1	c	37	85	7	-	7	-	0	10	-	1	*
Birmingham ...	1021·9	-10	SE	3	c	37	75	7	5	-	-	10	10	2500	1	*
Upper Heyford	1022·4	-10	SE	2	c	38	75	7	5	-	-	10	10	2500	0	*
Ross-on-Wye	1020·6	-8	SE	3	c	39	75	7	5	-	-	10	10	2500	1	*
Portland Bill ...	1019·8	-6	SE	4	c	44	75	8	4	-	2	4·6	7·8	2500	1	3
Plymouth ...	1018·3	-12	SSE	4	c	45	75	8	5	7	6	2·3	9	2500	1	2
The Lizard ...	1016·7	-8	SE'E	4	c	45	75	8	5	2	-	9	9+	2500	1	3
Scilly (St. Mary's)	1014·4	-12	S	5	c	46	75	7	5	-	-	10	10	2500	0	3
Guernsey ..	1020·5	-6	SSE	2	c	43	85	6	5	1	8	4·6	10	4000	1	2
Pembroke ...	1016·4	-12	SE'S	6	q	43	85	7	5	-	-	10	10	2500	1	4
Holyhead ...	1017·2	-16	SSE	4	c	41	75	8	5	7	-	2·3	10	4000	0	3
Chester (Sealand)	1020·3	-6	ESE	3	z_o	37	75	6	5	7	-	1	10	4000	1	*
Manchester ...	1021·7	-14	ESE	3	z_o	38	65	6	5	-	-	10	10	4000	1	*
Spurn Head ...	1023·4	-8	SE	3	o	41	85	7	5	-	-	10	10	1500	0	2
Catterick ...	1022·0	-10	SSE	3	c	38	75	8	5	-	-	9+	9+	4000	1	*
Tynemouth ...	1021·7	-6	SSE	3	c	39	75	7	9	-	-	7·8	7·8	1500	1	2
Inchkeith ...	1019·4	-8	SE	3	c	36	85	7	5	-	-	10	10	2500	0	3
Leuchars ...	1019·8	-10	SE	3	c	36	75	6	5	7	2	4·6	9+	2500	1	*
Renfrew (Abbots I.)	1016·9	-10	SE'S	3	ir_o	39	75	5	5	-	-	9+	9+	1500	0	*
Eskdalemuir ...	1020·3	-8	SSE	4	c	32	85	6	-	2	2	7·8	9+	5700	3	*
Point of Ayre...	1017·3	-16	S'E	6	c	40	97	7	-	7	-	0	10	-	0	3
Tiree	1009·7	-4	SSE	8	rr	41	92	7	6	2	-	7·8	10	1500	1	5
Stornoway ...	1009·4	-4	S	8	c	43	85	6	5	7	-	7·8	9+	1500	1	5
Dalwhinnie ...	1016·6	-4	SE	6	c	32	97	6	5	-	-	10	10	2500	9	*
Aberdeen ...	1019·4	-8	S	5	bc	38	75	6	1	-	8	2·3	4·6	1500	1	3
Wick ...	1014·6	-16	SSE	8	c	39	97	7	5	1	1	4·6	7·8	1500	1	4
Lerwick ...	1017·6	-18	SSW	8	c	39	85	8	8	7	-	7·8	9+	800	0	*
Blacksod Point	1005·2	+6	SE	5	c	48	92	7	9	-	-	9	9	800	1	3
Malin Head ...	1008·1	-12	SSE	6	c/r	42	97	7	9	-	-	7·8	7·8	1500	0	3
Aldergrove ...	1013·4	-4	SSE	5	c	41	85	6	5	7	-	9	10	1500	1	*
Birr Castle ...	1010·3	-8	S	3	rr	44	92	7	6	2	-	4·6	10	1500	1	*
Valentia Obsy. †	1006·8	-6	SSE	4	id.	48	97	6	5	-	-	10	10	~~1500~~ 450	1	3
Roches Point	1010·1	-10	S	7	dd	46	97	5	5	-	-	10	10	450	1	5

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)	44	39	37	-	-	0·0
Croydon ...	45	37	34	-	-	0·1
S. Farnborough	44	37	33	-	-	1·2
Boscombe Down	48	36	34	-	-	10·2
Calshot (Sthmtn.)	46	41	38	-	-	6·8
Lympne ...	44	28	21	Tr	-	31 1·4
Manston ...	45	31	22	Tr	-	~~21~~
Shoeburyness ...	46	39	31	0·1	-	2·2
Felixstowe ...	46	40	37	0·1	-	3·3
Gorleston ...	43	40	39	-	-	2·7
Mildenhall ...	44	37	32	-	-	0·1
Cranwell ...	45	36	35	-	-	0·4
Birmingham ...	42	36	32	-	-	1·6
Upper Heyford	46	37	36	-	-	*
Ross-on-Wye	47	37	29	-	-	4·7
Portland Bill ...	45	41	*	-	-	*
Plymouth ...	49	41	39	-	-	5·6
The Lizard ...	48	42	*	-	-	*
Scilly (St. Mary's)	47	44	*	-	-	1·7
Guernsey ..	48	40	35	Tr	-	4·0
Pembroke ...	46	41	*	-	-	4·7
Holyhead ...	47	39	39	-	-	8·6
Chester (Sealand)	44	33	25	-	-	1·7
Manchester ...	43	35	30	-	-	0·2
Spurn Head ...	45	39	*	1	-	6·0
Catterick ...	42	35	30	-	-	0·1
Tynemouth ...	43	37	34	-	-	1·3
Inchkeith ...	47	34	30	-	-	8·3
Leuchars ...	46	32	23	-	-	2·3
Renfrew (Abbots I.)	48	36	28	-	Tr	5·3
Eskdalemuir ...	44	29	26	-	0·1	6·6
Point of Ayre...	46	39	*	-	-	6·7
Tiree	47	40	39	-	3	5·9
Stornoway ...	47	41	*	-	0·2	8·6
Dalwhinnie ...	41	31	27	-	-	9·7
Aberdeen ...	44	36	34	-	0·2	4·6
Wick ...	45	38	*	-	-	*
Lerwick ...	44	37	*	0·2	-	3·2
Blacksod Point	48	(45)	*	3	1	*
Malin Head ...	47	41	*	-	2	2·5
Aldergrove ...	46	40	39	-	0·3	5·1
Birr Castle ...	48	43	42	-	0·4	0·0
Valentia Obsy. †	48	43	41	13	11	0·0
Roches Point	46	45	*	-	5	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon (24 hrs. ended 9h.)	Weather Night (24 hrs. ended 9h.)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew ...	18	cz_o	cz_o	cz_o	44	39	37	-	-	0·0	*	*	6
Croydon ...	217	czfcyz$_o$	cz_o	c	45	37	34	-	-	0·1	*	*	6
Greenwich (Royal Observatory) ...	149	c	c	cb	46	34	26	—	—	0·0	60	67	5
City (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	45	39	36	—	-	0·0	59	62	*
Regents Pk. (Botanic Gardens)‡ ...	168	*	*	*	47	33	33	—	-	0·0	74	78	*
Camden Square ...	110	c	c	*	44	39	35	—	-	*	*	61	*
Kensington ...	80	co	bc	*	44	39	36	—	-	0·1	At 18h. 63	67	*
Hampstead Observatory ...	450	o	o	ombc	42	37	32	—	-	0·0	*	67	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 31st.

South Kensington Max.	Time.	Min.	Time.	Kew Observatory Max.	Time.	Min.	Time.
0·4	10-13h 30th	<0·3	2-5h. 31st.	0·3	11h. 30th.	<0·1	1h. 31st.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 30th March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 31st March Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris ...	1022·5	NNE	2	b	46	1022·5	-	0	b	32	50	30	-	-
Brussels ...	1025·0	NE	3	b	41	1022·9	E	2	b	34	45	30	-	-
Berlin ...	1029·8	ENE	3	c	41	1029·7	E'N	4	bc	36	46	32	-	-
Zürich ...	1020·0	N	2	o	39	1019·6	NW	1	o	36	41	36	-	-
Rome ...	1010·9	ENE	1	c	55	1008·2	NNE	3	c	54	*	*	-	3

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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† 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.