M.O. Form 2373.

THE DAILY WEATHER REPORT

BRITISH SECTION

1st January to March 31st

1936.

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

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

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

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

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

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

Gale 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.

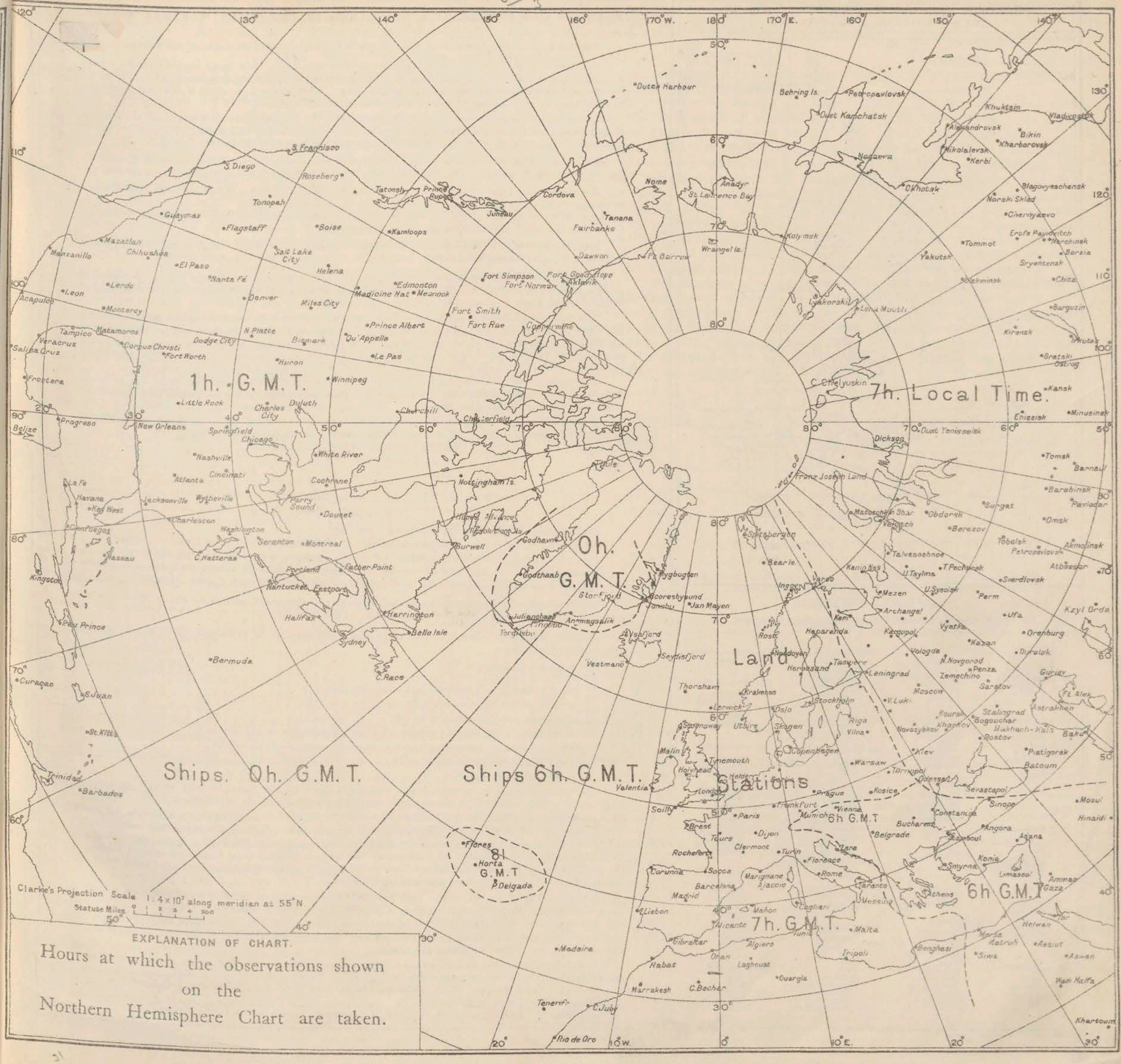
For gales commencing from East or West the South Cone will be hoisted if the gale is expected to change to a Southerly direction.

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 :—

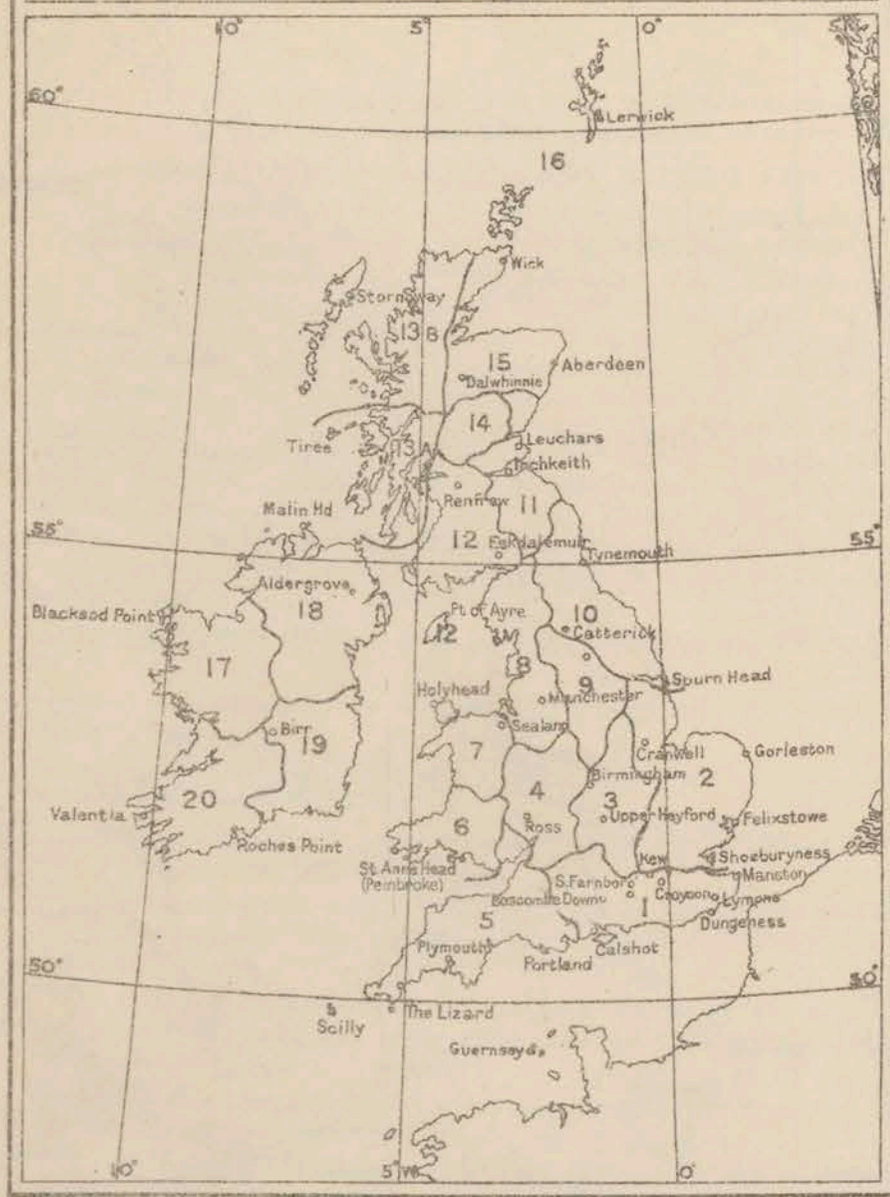
▲ North Cone hoisted : ▼ South Cone hoisted :

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

3756
3


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
6h G.M.T
7h. G.M.T.
81 G.M.T
Clarke's Projection Scale 1:4×10⁷ 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.

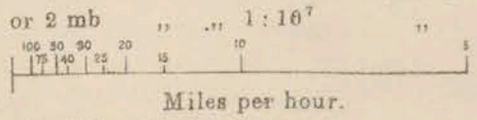
The scale below can be used to determine the theoretical wind as deduced from the pressure distribution on either chart. On the assumption that the path of the air is straight this theoretical wind is called the Geostrophic Wind.

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

Wind.—All wind directions specified in the reports are "true," as distinguished from "magnetic." The arrows indicating wind direction are drawn to fly with the wind. Until and including 29th March, 1936, the number of feathers on the arrows denotes wind force by Beaufort number. On 30th and 31st March, each feather denotes two steps on the Beaufort Scale; thus force 5 is indicated by two whole feathers and one half feather.

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

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

N.B.—Readers of the Report who are unacquainted with the method of construction and the use of weather charts are recommended to read "The Weather Map: An Introduction to Modern Meteorology," (2nd Edition, 1930), to be purchased from H.M. Stationery Office, Adastral House, Kingsway, W.C.2, price 5s. 2d. post free.

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

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

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AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

MONTHLY SUPPLEMENT, FEBRUARY, 1936. No. 230.

Mainly Cold, Heavy rain in extreme Southwest.

Sunshine was above average except in the Southwest and parts of Scotland and rainfall also exceeded normal generally except in parts of Scotland and Ireland. Persistent night frosts were experienced during the month.

Shallow depressions crossed the country from the West during the 1st and 2nd giving changeable weather generally.

On the 3rd a ridge of high pressure from the Atlantic crossed the country steadily increasing in intensity. High pressure was generally maintained over and to the east of the British Isles from 6th to the 14th. During this period depressions approached Ireland from the West and influenced our western districts. Conditions during this period were generally of a wintry nature. Gales were experienced in many places from the 6th to the 11th, and were severe on the 10th, when gusts of 92 m.p.h. and 88 m.p.h. were recorded at Valentia and Scilly Isles respectively. Considerable sunshine was enjoyed in most places but very heavy rain was experienced at times chiefly in the extreme southwest, 75 mm. being recorded at Scilly Isles during the 35 hours ending 6 p.m. on the 11th. There was also some sleet and snow, heavy locally in the Southwest. Temperatures were mainly below the normal with widespread frost, and extremely low minima were experienced. On the night of the 12th - 13th Dalwhinnie had a screen temperature of 7°F. with temperature on the grass falling to -2°F., other low minima during this night were 12° at Eskdalemuir and Buxton, 14° at Ross-on-Wye and 20° at Croydon and places near London. On the 11th Kew maximum temperature was 31°F, being 14° below average for the season.

In the second half of the month, the high pressure giving way, depressions moved in a more normal course from the Southwest across the British Isles; on the 26th a depression from Iceland influenced our northwest coasts and later moved southeast over the country.

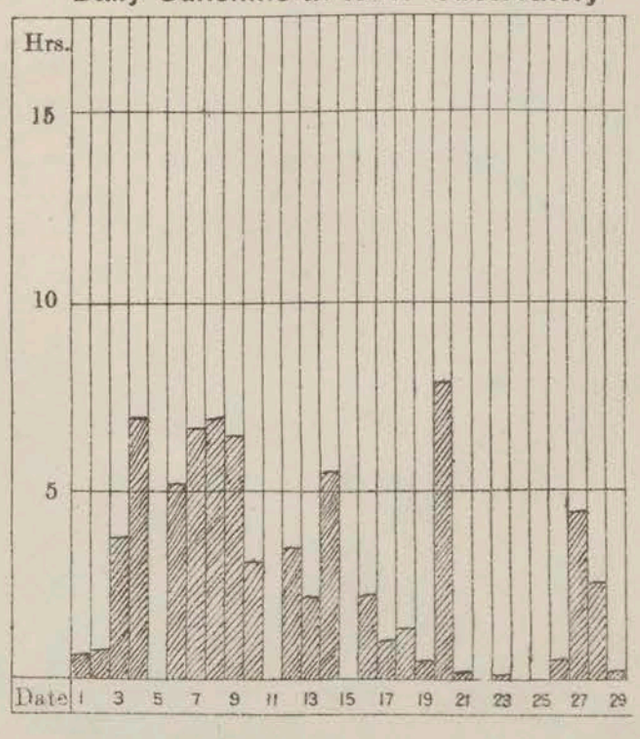
Conditions became slowly milder on the 16th and temperature was generally average or above until the 22nd. Abnormally high temperatures for the season were experienced on 18th, 55°F. was reached at Kensington Palace and Manchester, these readings being 10° above normal. Fog was widespread from the 15th to 17th and persisted in many places. Considerable rainfall was experienced, heavy locally; over 25 mm. were recorded in South Devon during the 24 hours ending evening on the 18th, and Blacksod Point recorded 39 mm. for a similar period ending on the 19th. Snow, sleet and hail, were also experienced, chiefly in northern districts. Wind increased to gale force by evening on the 17th in the Southwest and gales were recorded chiefly on western and northern coasts on the 18th persisting in the extreme North until the 21st. Further snowfall, heavy in the North, was experienced on the last two days.

Daily Rainfall at KEW Observatory.

• =Less than 0·5 mm.

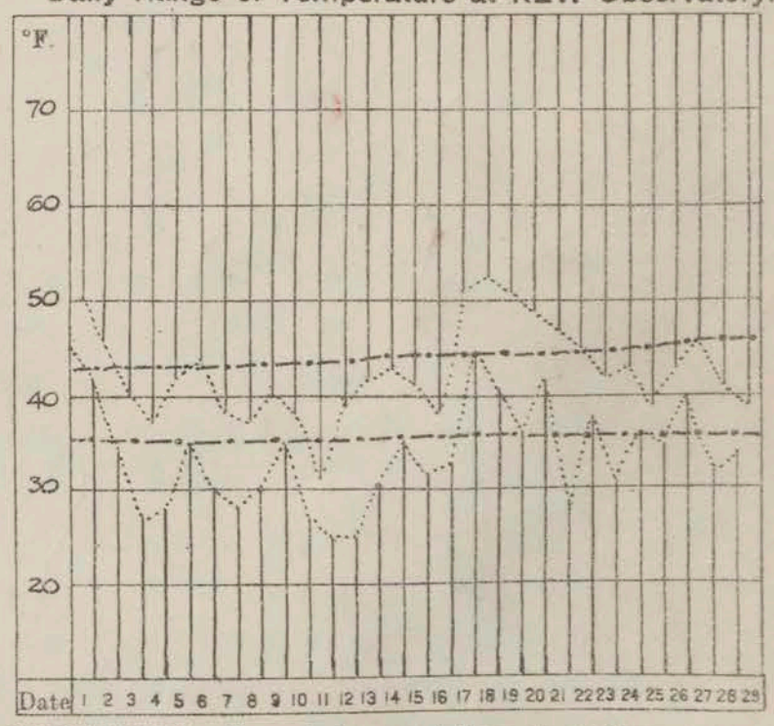
RAINFALL. Total for Month. 42 mm.

Daily Sunshine at KEW Observatory



SUNSHINE. Total for Month. 75 hrs.

Daily Range of Temperature at KEW Observatory.



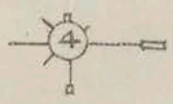
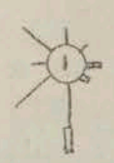
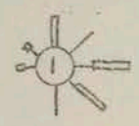
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

STATIONS.	PRESSURE Mean	PRESSURE Difference from average	TEMPERATURE Mean	TEMPERATURE Difference from average
	mb.	mb.	°F.	°F.
Kew	1006.6	-9.4	38.2	-2.0
Aberdeen	1006.3	-4.3	37.0	-1.6
Valentia	1002.6	-10.8	44.6	+0.1

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

WIND FREQUENCIES AT 7 hr.

Kew	Aberdeen	Valentia
		
4	1	1

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

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

	miles.
Kew ...	5,622
Aberdeen ...	6,223
Lerwick ...	14,211
Valentia ...	10,273

SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY,

† TEMPERATURE.

District.	Stations.	Number of daily readings within fixed limits. Maximum. 32° or below	33°–41°	42°–50°	51°–59°	Average Maximum. °F.	Number of daily readings within fixed limits. Minimum. 23° or below	24°–32°	33°–41°	42°–50°	Average Minimum. °F.	Extremes—Warmest and Coldest. Days. Highest Max. °F.	Date.	Lowest Max. °F.	Date.	Nights. Highest Min. °F.	Date.	Lowest Min. °F.	Date.	Number of Ground Frosts.
1	London ...	1	12	13	3	45.7	0	13	12	4	36.9	53	18	31	11	45	1. 18.	25	13	19
	(Kew Obsy).																			
	Croydon ...	1	9	15	4	45.5	2	12	11	4	36.1	54	18	32	11	46	19	19	12	17
	Calshot** ...	0	10	15	4	45.9	0	8	17	4	37.6	53	1	36	11	45	1	27	4	10
	(Southampton)																			
	Lympne ...	1	13	15	0	44.0	1	11	14	3	35.2	50	1. 17. 20.	32	11	44	19	22	12	20
2	Shoeburyness ...	0	15	10	4	45.6	2	9	15	3	34.7	53	18	34	10. 16.	43	1	22	13	19
	Gorleston ...	0	16	13	0	43.9	0	7	21	1	36.2	50	20	33	10	43	1	25	13	8
	Cranwell ...	0	21	7	1	43.9	5	14	10	0	33.4	51	18	33	5	41	1	19	12	23
3	Birmingham ...	1	16	11	1	43.0	0	17	12	0	34.9	51	18	32	11	41	18	24	12. 13.	17
	(Edgbaston)																			
4	Ross-on-Wye ...	1	13	11	4	45.4	17	8	4	0	35.8	53	18	29	11	46	18	14	13	21
5	The Lizard ...	0	1	27	1	*	0	0	19	10	*	51	18	40	8	46	1	34	4	*
7	Holyhead ...	0	4	25	0	45.5	0	3	21	5	39.6	50	17. 18.	39	10	44	1. 6.	32	8. 11. 13.	7
8	Chester ...	0	15	11	3	45.5	1	13	15	0	35.8	52	20	34	13	41	1. 18. 19.	19	12	19
	(Sealand)																			
10	Tynemouth ...	0	17	12	0	43.6	0	9	19	1	36.5	49	20	36	4. 11.	43	19	24	13	13
11	Inchkeith** ...	0	20	9	0	43.0	0	10	19	0	36.3	46	18. 22.	35	4. 13. 15.	40	19	28	4. 13.	12
12	Renfrew ...	1	18	10	0	43.4	3	9	17	0	34.4	49	18. 26.	29	12	39	19	16	13	13
	Eskdalemuir ...	0	22	7	0	40.6	7	11	11	0	31.2	47	18	34	29	38	19	12	13	17
13B	Stornoway	0	7	22	0	44.6	0	7	18	4	36.9	47	8. 19.	34	3	44	7	25	4. 5.	*
15	Aberdeen ...	0	16	13	0	43.2	1	9	18	1	35.9	50	26	35	3. 4. 13.	42	19	16	5	13
18	Aldergrove ...	0	8	21	0	*	1	10	17	1	*	50	26	37	11	42	6	21	4	10
19	Dublin ...	0	5	21	3	47.0	1	6	20	2	34.8	53	17	38	11	42	6. 18.	21	4	15
	(Phœnix Park)																			
	Birr Castle ...	0	6	20	3	46.9	0	10	16	3	36.7	52	17. 29.	38	8	47	6	27	4. 23.	16
20	Valentia ...	0	0	22	7	48.6	0	2	14	13	41.7	54	17	44	3. 8.	49	6	30	21	4
	(Cahirciveen)																			

LOW CLOUD.

Number of observations within fixed limits.

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

FOG, MIST and GOOD VISIBILITY.

Number of observations within fixed limits.

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

UPPER AIR TEMPERATURE.

Pressure. mb.	Normal Height. Feet.	Normal Temperature. °F.	Duxford. Mean. °F.	Duxford. No. of Reports.				
					Mean. °F.	No. of Reports.	Mean. °F.	No. of Reports.
950	1770	36.4	33.7	38				
850	4,660	29.1	29.0	39				
750	7,870	20.9	21.5	39				
650	11,460	9.2	9.7	39				
550	15,550	-4.5	-5.5	39				

UPPER WINDS.

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

Station. Lympne. Height. Feet.	No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75
		miles per hour.				
2,000	59	6	25	27	1	0
5,000	32	4	19	7	2	0
10,000	10	4	4	2	0	0
15,000	2	1	1	0	0	0

Plymouth (Mt. Batten).	No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75
		miles per hour.				
	34	3	16	14	1	0
	16	2	7	7	0	0
	3	1	1	1	0	0
	0	0	0	0	0	0

Holyhead.	No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75
		miles per hour.				
	59	6	32	16	5	0
	25	4	14	7	0	0
	6	0	1	5	0	0
	0	0	0	0	0	0

Renfrew.	No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75	Station. Height. Feet.
		miles per hour.					
	57	5	30	22	0	0	2,000
	23	2	12	7	2	0	5,000
	9	1	4	4	0	0	10,000
	0	0	0	0	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 FEBRUARY, 1936.

District.	Stations.	SUNSHINE. Number of Days with Duration. Nil.	0·1—3h.	3·1—6h.	6·1—9h.	Above 9h.	Maximum Duration. Hours.	Date.	Total for past 12 months. Hours.	Difference from average. Hours.	Total for Month. Hours.	Difference from average. Hours.	Highest and Lowest Totals on record for Month. First year of record.	Highest. Hrs.	Year.	Lowest. Hrs	Year.	RAINFALL. ‡Number of days with amount. 0, trace or 0·1 mm.	0·2—1 mm.	1·1—5 mm.	5·1—15 mm.	15·1—25 mm.	Above 25 mm.	Maximum fall in 24 hrs. mm.	Date.	Total for past 12 months. mm.	Difference from Average. mm.	Total for Month.‡ mm.	Difference from Average. mm.	Highest and Lowest Totals on record for Month. First year of record.	Highest. mm.	Year.	Lowest. mm.	Year.	Days with Thunder.	Days with Snow or Sleet.
1	London ... (Kew Obsy.)	6	12	6	5	0	7·9	20	1519	+54	75	+14	1880	91	1922	27	{1881 1917}	15	3	9	2	0	0	10	22	713	+107	42	+3	1856	105	1879	2	1895	0	0
2	Croydon ...	6	11	4	8	0	8·3	{7. 8.}	1504	-46	86	+22	1922	103	{1922 1928}	37	1924	15	3	8	2	1	0	18	17	886	+207	55	+6	1921	114	1925	4	1921	0	1
16	Calshot** ... (Southampton)	5	9	9	6	0	8.5	12	1718	-63	101	+21	1881	123	1891	37	1897	16	3	5	5	0	0	13	17	973	+327	64	+18	1871	144	1915	1	{1891 1932 1934}	0	1
8	Lympne ...	9	8	3	9	0	8.6	{7. 12. 20.}	1775	-1	95	+11	1921	124	1928	46	1926	13	5	7	4	0	0	14	17	942	+218	54	+4	1920	101	1927	3	1934	0	1
12	Shoeburyness...	7	10	1	11	0	8.7	7	1840	+124	95	+20	1919	105	1920	49	1924	17	4	6	2	0	0	9	22	543	+63	38	+8	1920	69	1926	4	1934	0	1
6	Gorleston ...	14	5	3	7	0	8.6	{7. 20.}	1794	+145	75	0	1908	113	1934	41	1931	13	2	8	6	0	0	12	27	664	+42	75	+37	1871	87	1916	4	1891	0	6
3	Cranwell ...	8	10	5	6	0	8.0	8	1677	+127	77	+10	1921	99	1934	46	1929	12	7	6 8	4 2	0	0	13	22	690	+100	56	+18	1917	89	1923	9	1921	0	6
3	Birmingham ... (Edgbaston)	8	9	6	6	0	7.8	20	1480	+182	77	+23	1887	108	1887	9	1917	15	2	9	1	2	0	19	27	855	+181	70	+27	1893	149	1923	4	1921	0	8
15	Ross-on-Wye ...	8	9	4	8	0	7.9	8	1589	+109	80	+25	1915	119	1934	40	1926	15	3	9	1	1	0	22	17	844	+126	61	+10	1859	170	1923	0·3	1891	0	3
22	Falmouth ... (Observatory)	10	10	6	3	0	8·1	3	1608	-117	64	-15	1881	127	1909	43	1886	7	4	7	9	1	1	42	10	1285	+178	161	+67	1871	229	1923	1	1932	0	0
23	Holyhead ...	6	12	5	6	0	8·3	20	1696	+151	80	+7	1914	108	1930	36	1918	14	2	10	3	0	0	14	20	953	+65	63	+1	1871	152	1884	5	1932	0	1
6	Chester ...	8	11	8	2	0	7.6	20	1493	+142	67	+8	1923	91	1933	43	1926	15	3	8	3	0	0	13	22	843	+182	56 57	+17	1922	98	1923	1	1932	0	4
9	(Sealand)																																			
10	Tynemouth ...	14	7	6	2	0	7.7	4	*	*	53	*	1935	*	*	*	*	16	3	6	4	0	0	15	29	721	+100	64	+29	1915	79	1923	15	1934	0	1
11	Inchkeith** ...	9	12	4	4	0	8·2	11	1373	-55	62	-7	1923	89	1932	34	1923	16	2	7	4	0	0	16	23	628	+74	60	+27	1870	135	1894	0·3	1934	0	6
12	Renfrew ...	15	6	5	3	0	7.0	11	1180	-18	47	+7	1921	83	1933	22	1923	14	4	7	4	0	0	8	18	1025	+80	46	-36	1921	115	1928	1	1932	0	6
	Eskdalemuir ...	10	9	4	6	0	8.4	12	1276	+72	70	+20	1910	106	1932	23	1918	15	2	5	6	1	0	21	21	1535	+106	89 86	-40	1910	242	1915	5	1932	0	11
13B	Stornoway ...	6	11	6	6	0	8.4	12	1371	+140	81	+27	1881	91	1886	23	1903	11	5	11	2	0	0	13	19	1065	-201	57	-56	1870	204	1898	15	1932	0	3
15	Aberdeen ...	10	9	9	1	0	7·3	4	1318	-12	63	-4	1881	121	1898	33	1923	15	4	6	4	0	0	10	23	977	+229	48	-4	1871	130	1923	6	1891	0	4
18	Aldergrove ..	7	15	2	4	1	9.1	20	1437	*	73	*	1927	84	1932	37	1929	9	7	10	3	0	0	7	17	784	-54	44	-17	1926	87	1935	3	1932	0	5
19	Dublin ... (Phœnix Park)	8	12	4	5	0	8.5	20	1568	+113	73	-2	1881	109	1910	39	1897	10	9	6	4	0	0	10	17	692	-13	51	+5	1865	108	1925	2	1891	0	*
	Birr Castle ...	9	9	7	4	0	7.6	20	1367	+56	67	+3	1881	102	1906	34	1929	10	7	9	3	0	0	9	18	862	+33	45 46	-12	1862	133	1925	4	1934	0	3
20	Valentia ... (Cahirciveen)	7	10	10	2	0	6·8	21	1395	+23	72	+7	1880	112	1930	29	1926	4	5	14	5	1	0	17	10	1460	+46	93 91	-41	1866	279	1914	11	1932	0	1

MINIMUM SURFACE HUMIDITY.

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

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

STATE OF GROUND AT 18 h.

No. of Days each type was recorded.

Stations.	0	1	2	3	4	5	6	7	8	9
London (Kew)	0	22	0	0	7	0	0	0	0	0
Ross-on-Wye	0	22	0	1	2	0	2	0	2	0
Renfrew ...	1	19	0	0	9	0	0	0	0	0
Eskdalemuir	0	13	0	0	15	0	1	0	0	0
Aberdeen ...	0	24	0	0	2	0	0	0	3	0
Valentia ...	0	29	0	0	0	0	0	0	0	0

CODE for State of Ground.

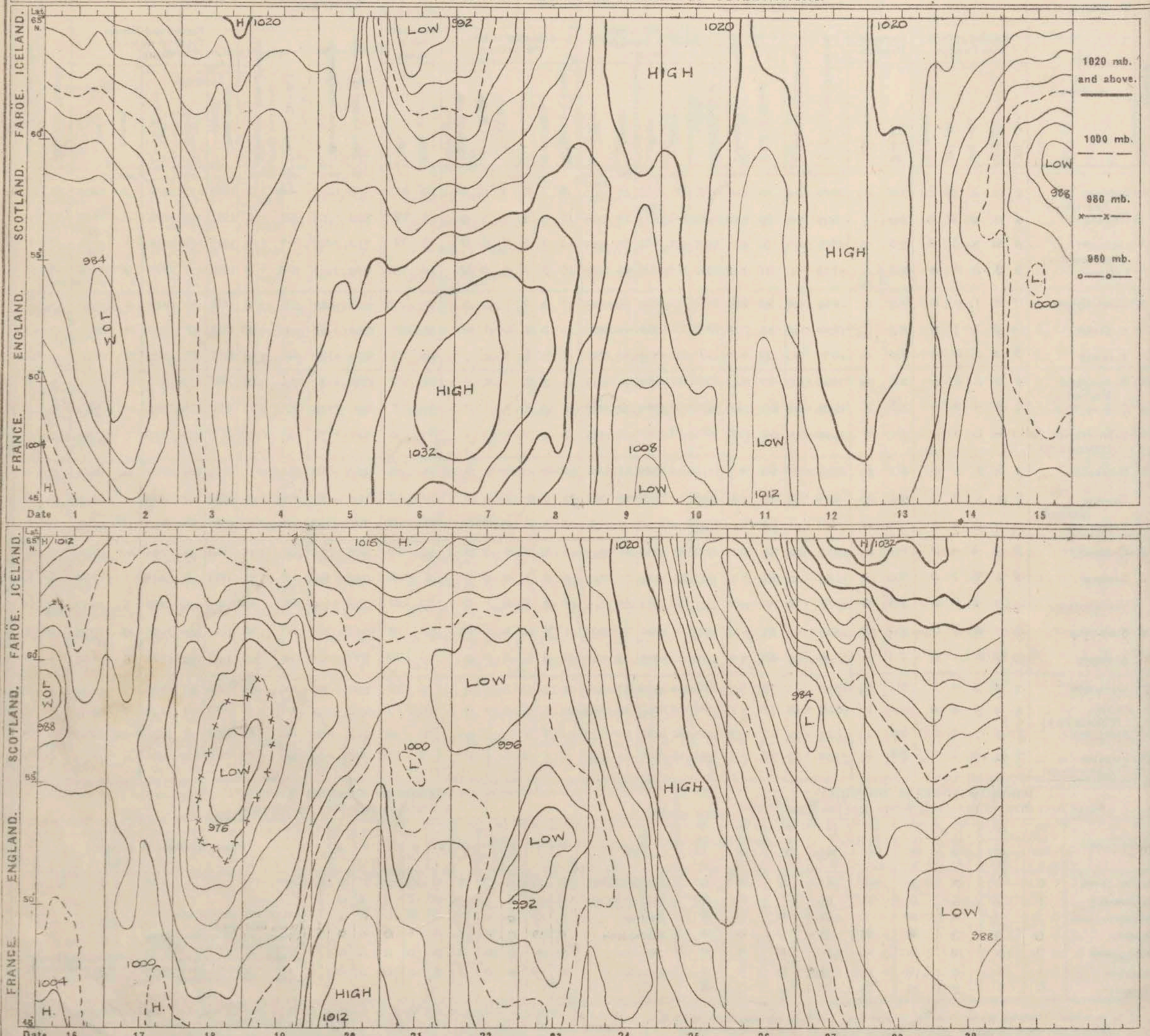
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow, greater than 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 FEBRUARY, 1936.

ISOPLETHS BASED ON SIX-HOURLY OBSERVATIONS.



*The diagram is obtained by drawing a line from Akureyri in Iceland to the south of France near Marseilles. The points at which the isobars drawn for 4 mb. pressure intervals intersect this line at 1h. 7h., 13h., and 18h. are plotted consecutively and joined to shew the variation of pressure from day to day at any point in the line. The line terminates at Lat. 66° N., Long. 18° W., in the north; at Lat. 44½° N. Long. ¼° E., in the south.

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

G.251/3035. Wt.6084. D.6004 Tp.398. 1000 3/36

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 1st February, 1936.
No. 27099.

District	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 31st January														OBSERVATIONS at 18h. G.M.T. 31st January														PAST 24 HOURS.			
												Cloud.												Cloud.								Weather.			
				Wind.						Form.			Amount.					Wind.						Form.			Amount.			State of Ground.	Sea.	7h.—13h. 31st.	13h.—18h. 31st.	18h. 31st to 1h. 1st.	1h.—7h. 1st.
		Barom. at M.S.L. mb.	Change in 3 hours.	Direc.	0–12 Force	Weather.	°Temp. F.	% Humid.	Visibility 0–9	Low	Med.	High	Low 0–10	Total 0–10	Height of Base (feet)	Barom. at M.S.L. mb.	Change in 3 hours.	Direc.	0–12 Force	Weather.	°Temp. F.	% Humid.	Visibility 0–9	Low.	Med.	High.	Low 0–10	Total 0–10	Height of Base (feet)	0–9	0–9				
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(37)	(38)	(39)	(40)
1	London (Kew)	991·0	-20	SW	2	rr	49	95	4	6	2	-	7-8	10	1500	994·0	+34	W	4	c	50	75	8	5	-	-	9+	9+	1500	1	*	cd$_o$crm	cPRc	cbc	bcc
	Croydon ...	990·5	-22	SSW	2	r$_o$r$_o$	50	95	6	6	2	-	7-8	10	1500	994·2	+32	W	6	c	51	65	7	9	-	-	7-8	7-8	2500	1	*	cd$_o$r$_o$	cr$_o$r	bccbc	beeir$_o$
	S. Farnborough	990·6	-22	SW	4		50	95	6	6	2	-	9	10	800	995·1	+22	W'N	5	c	50	75	7	8	3	-	7-8	7-8	1500	1	*	id$_o$r$_o$iR	cpr$_o$qc	c-b	b-cd$_o$Ro
	Boscombe Down	991·2	-22	WSW	6		52	95	8	5	-	-	9+	9+	800	996·0	+4	W'N	6	c	49	75	7	5	-	-	10	10	800	1	*	cwir	cir$_o$	cbc	berr
	Calshot (Sthmtn.)	992·7	-16	SW	5		52	95	8	8	3	-	7-8	9+	1500	996·4	+30	WSW	6	bc	52	75	8	8	3	-	4-6	4-6	2500	1	5	cddfir$_o$	cir$_o$bc	bcc	ccRR
	Lympne ...	993·1	-10	WSW	4		48	95	6	6	-	-	10	10	800	993·5	+20	W'S	4	c/pr	49	85	7	5	-	-	9	9	1500	1	5	cr$_o$R	frrpr	bcc	bcofe
	Manston ...	991·6	-14	SW	4	c	51	85	7	8	2	-	9	10	800	991·8	+12	W'S	5	c	52	65	8	5	-	-	10	10	1500	1	*	~~o$_o$r$_o$d$_o$c~~	crm$_o$PHR	~~bcb-b c-b-c~~	c~~bbc~~-c
2	Shoeburyness ...	991·6	- 8	WSW	3	r	50	85	5	6	2	-	7-8	10	1500	991·5	+8	WSW	5	u	51	75	7	9	2	-	9	10	800	1	*	docmc	rrcr$_o$	cpc	c
	Felixstowe ...																																		
	Gorleston ...	990·0	-10	SW/S	2	c	49	95	6	5	-	-	10	10	2500	989·7	+10	W'S	2	r$_o$r$_o$	47	95	4	6	-	-	10	10	800	1	2	cz$_o$z$_o$	orrfm	cor$_o$	oc
	Mildenhall ...	989·7	-16	W	2	ir$_o$	49	95	5	5	-	-	10	10	800	991·0	+20	NW	2	rr	47	95	5	6	-	-	10	10	800	1	*	od$_o$d$_o$m$_o$	or$_o$rrm$_o$	orrcm$_o$	cm$_o$
	Cranwell ...	990·2	- 6	SWW	2	z$_o$	47	95	5	5	2	-	9	10	4000	991·5	+18	W	2	m	45	95	4	5	7	-	7-8	9+	4000	1	*	cm$_o$	cpr$_o$	id$_o$p$_o$	om$_o$
3	Birmingham ...	990·3	-14	SW	3	rr	46	95	4	6	-	-	10	10	800	993·9	+42	WSW	3	c	45	95	6	5	7	-	7-8	9+	1500	1	*	cc	orr	cprbc	bcorr
	Upper Heyford	989·9	-18	WSW	2		46	95	8	5	2	-	8	9+	800	994·6	+58	WNW	5	q	47	85	9	5	-	-	9	9	800	1	*	d$_o$d$_o$rrR	cr$_o$rr$_o$	cq$_o$bce	cbccr$_o$RR
4	Ross-on-Wye	989·4	-24	SW	3	ir$_o$	49	95	7	6	-	8	9+	10	2500	994·4	+50	SW	3	c	48	75	8	5	-	-	9	9	2500	1	*	corr	ccoc	cbccq	corrc
5	Portland Bill ...	992·8	- 6	WSW	6	c	50	95	7	4	7	-	7-8	10	2500	998·2	+30	WNW	5	c	50	85	7	4	4	-	7-8	10	2500	1	5	ofrc	cc	bcc	orrc
	Plymouth ...	996·2	+16	WSW	7	c	53	85	7	8	-	-	9+	9+	1500	999·8	+20	W'S	6	c	50	95	6	5	3	-	9	9+	1500	1	3	odm$_o$d$_o$c	cbccm$_o$	cm$_o$	crm$_o$
	The Lizard ...	998·3	+24	W'S	7	bc	51	95	7	5	-	-	2-3	2-3	2500	1000·9	+14	WSW	6	c	49	95	7	4	6	-	4-6	7-8	2500	1	3	dfpr$_o$	bcb-c	cpr$_o$o	cprc
	Scilly (St. Mary's)	997·9	+20	W'N	8	b	52	85	6	-	-	-	0	0	-	1000·1	+12	W'N	6	c	49	95	6	-	7	-	0	7-8	-	1	4	fr$_o$dc	bbcc	cr$_o$l	bccbc
	Guernsey ...	998·7	+2	W	6	o	52	95	6	5	-	-	10	10	1500	1001·4	+20	W	5	bc	51	85	6	5	3	-	2-3	4-6	2500	1	4	oid$_o$o	obc	obco	oprc
6	Pembroke ...	998·7	-2·4	W'N	8	q	49	85	6	8	-	-	4-6	4-6	1500	999·2	+12	W	7	q	49	85	6	5	7	-	4-6	7-8	2500	1	4	ofdrrm$_o$rdcqPRm$_o$	em$_o$o	cir$_o$c	
7	Holyhead ...	998·2	-10	-	0		46	95	7	5	-	-	10	10	800	998·6	-2	S'E	2	c/r	45	95	7	6	2	-	7-8	10	800	1	1	cm$_o$c	cr$_o$r$_o$d$_o$m$_o$	pr$_o$bc	bcr$_o$r
	Chester (Sealand)	998·4	-10	-	0		46	85	5	5	2	-	9	10	4000	999·2	+22	W'N	1	r$_o$r$_o$	45	95	5	6	2	-	10	10	2500	1	*	cm$_o$	cr$_o$r$_o$	cr-c	c
8	Manchester ...	998·0	-14	W'N	1	z$_o$	46	95	4	5	-	-	10	10	2500	998·8	+28	W	2	z$_o$	43	95	5	5	7	-	4-6	10	4000	1	*	cm$_o$fm	cmm$_o$	r$_o$v$_o$rd$_o$	r$_o$r$_o$
10	Spurn Head ...	998·0	- 8	W	3	z$_o$	44	95	5	5	2	-	4-6	9+	800	998·6	+4	WNW	4	m	41	95	4	5	1	-	4-6	7-8	800	0	3	cz	zfm	bfcz	zc
	Catterick ...	998·2	-10	-	0		45	95	5	5	7	-	7-8	9+	1500	999·0	+18	-	0	z$_o$	42	85	6	5	1	-	4-6	9	2500	1	*	omcmg$_o$	cm$_o$ccm$_o$	cm$_o$bc	bccpr$_o$c
	Tynemouth ...	998·0	+6	W	2	z$_o$	44	85	4	4	-	-	7-8	7-8	4000	998·7	+10	W	2	bc	43	85	6	2	-	-	4-6	4-6	2500	1	1	ocff	cmbc	bcc	cp$_o$bc
11	Inchkeith ...	998·3	-8	W	1	m	39	95	4	5	-	-	10	10	800	998·3	+2	SW	2	m	39	95	4	5	-	-	7-8	7-8	800	0	1	cz$_o$z	czz	zifirz$_o$	air$_o$
	Leuchars ...	997·6	-4	W	1	c	40	95	5	5	7	-	4-6	7-8	5700	998·0	-4	NSW	2	bc	35	95	5	5	3	4	1	2-3	4000	1	*	cm$_o$f	cm$_o$p$_o$b	bcxfm	cmfefz
12	Renfrew (Abbotsl.)	998·8	-2	-	0	fc	38	85	2	5	-	-	10	10	450	999·0	+6	-	0	F	36	95	1	5	-	-	7-8	7-8	1500	1	*	offid$_o$	ofbcFF	cfir$_o$rm	cmRd$_o$o
	Eskdalemuir ...	998·0	-4	SW	2	c	40	95	5	5	-	-	10	10	450	998·4	+4	SW'S	3	f	39	95	3	5	-	-	10	10	4150	1	*	ffd$_o$c	bceff	ffmR	cddom
	Point of Ayre...	998·7	-6	W'N	1	c	48	85	8	8	9	-	2-3	7-8	2500	998·8	+10	SW'S	1	c	42	95	8	-	7	-	0	7-8	-	1	1	oc	c	c	cpr$_o$o
13A	Tiree ...	~~998·5~~	+6	W	2	bc	48	85	8	8	3	1	Tr	2-3	2500	998·5	+10	WSW	2	c	43	95	8	4	3	5	2-3	9	2500	0	2	bcb	bbcc	c ⊕	cbc
13B	Stornoway ...	998·2	-4	S	2	c	43	95	8	8	7	-	7-8	9+	1500	998·3	+6	W	1	c	42	95	8	5	7	-	7-8	10	1500	1	1§	cd$_o$d$_o$	c	cpr$_o$	c
15	Dalwhinnie ...	998·0	-6	SW	2	c	36	95	7	5	-	-	10	10	2500	998·9	+6	S	2	bc	35	85	8	4	6	-	2-5	2-3	2500	1	*	cir$_o$	cbc	*	bcc
	Aberdeen ...	997·3	-4	-	0	m	38	95	4	-	3	3	0	9	-	997·3	+2	NW	1	m	36	95	4	-	9	-	0	2-3	-	1	1	bxcff	ezffz	bcmcm	xbcm$_o$
	Wick ...	996·9	-4	NW	1	c	39	95	7	8	7	1	4-6	7-8	1500	996·2	-4	WNW	1	c	35	95	7	5	7	-	7-8	9+	1500	1	1	c	c	c	c
16	Lerwick ...	996·7	-2	SW	2	c	40	95	8	5	7	-	4-6	9+	1500	996·8	0	SW	2	c	40	95	8	5	7	-	4-6	9	1500	1	*	c	c	cpr	cpr$_o$
17	Blacksod Point	998·6	-2	WSW	3	o	45	95	7	5	-	-	10	10	450	998·7	+10	S	3	c	47	85	7	9	-	-	7-8	7-8	800	1	3	df	id$_o$c	cbc	prc
18	Malin Head ...	997·3	+2	WSW	1	c	46	85	7	5	9	-	4-6	7-8	1500	998·4	+14	WSW	1	c	44	85	7	5	-	-	7-8	7-8	1500	4	1	bcc	c	cir$_o$	cid$_o$c
	Aldergrove ...	998·5	+2	S'W	1	z$_o$	43	95	5	5	7	-	2-3	7-8	800	998·9	+10	SSW	1	m	42	85	4	5	-	-	10	10	450	1	*	Fefcm$_o$	cm$_o$	omcir$_o$c	c
19	Birr Castle ...	998·3	+2	S	1	rr	45	95	7	6	-	-	10	10	2500	999·0	+30	S'W	1	c/pr	44	95	8	9	3	-	7-8	9	2500	1	*	orr	rrcpr	cprbc	~~cprbc~~ bc oir.
20	Valentia Obsy. †	993·3	+22	WSW	7	bc	51	75	8	8	-	-	2-3	2-3	1500	995·2	+2	WSW	3	c	49	85	7	5	1	-	4-6	10	1500	1	4	rrpr$_o$bc	bcc	pr$_o$rrbc	bcorc
	Roches Point	993·2	+24	WNW	4	c	50	85	9	8	3	-	4-6	7-8	1500	995·8	+18	W	3	c	49	75	8	6	1	-	4-6	9	1500	1	3	Rprc	cprc	coir$_o$	coir

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or. Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{10}$ of the sky.
"9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

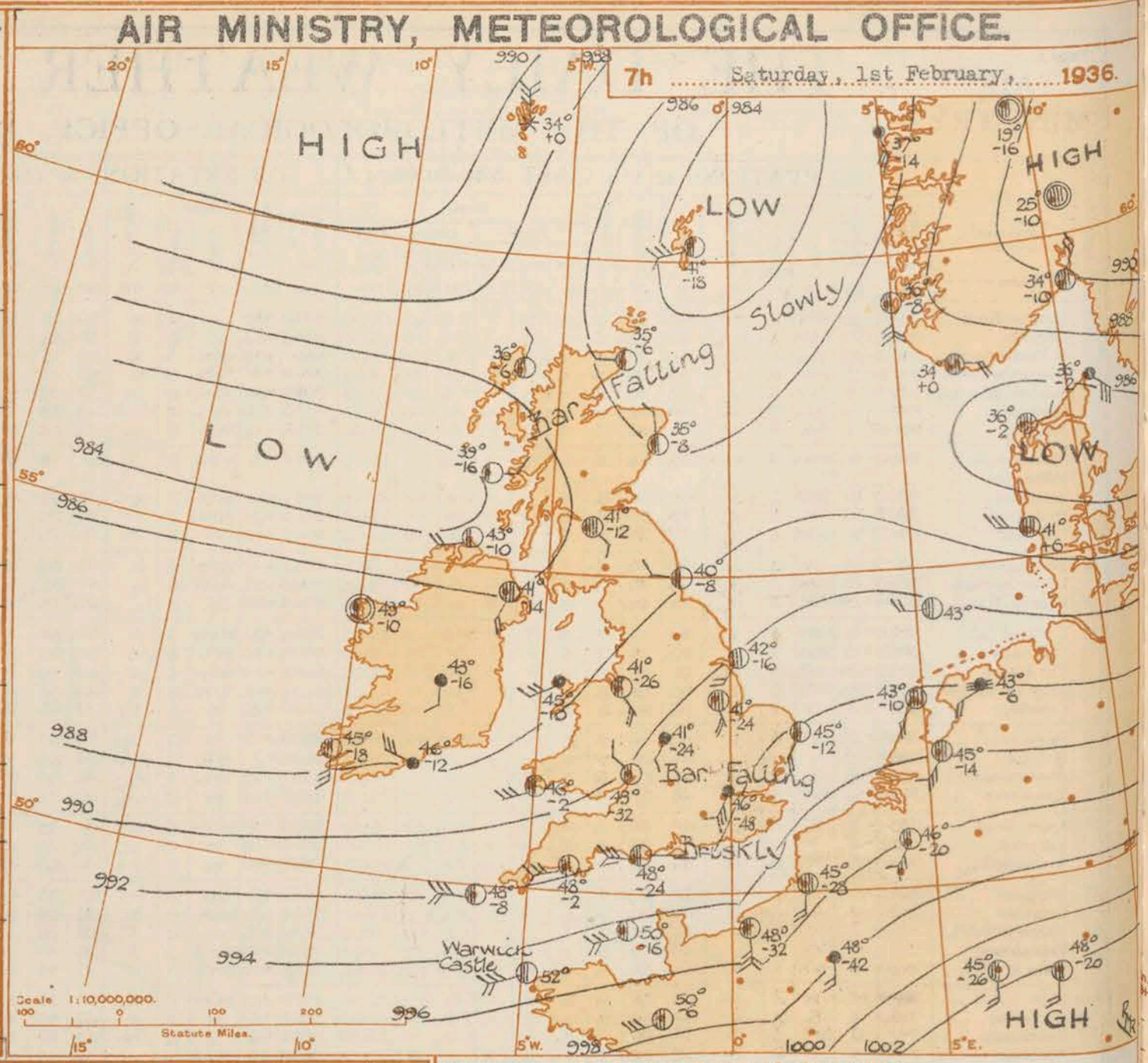
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 31st January 1936.

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 30th to 9h. 31st	Temperature. Max. 9h.—17h. 31st	Rainfall. Night. 17h. 30th to 9h. 31st	Rainfall. Day. 9h.—17h. 31st	Sunshine. Sunrise to Sunset. 31st
1	Tunbridge W.	oor	oroc	42	53	4	2	0·1
	Bournemouth	cdo	bbc	45	54	3	1	2·9
	Ventnor ..	rorm	ombc	44	52	6	3	2·5
	Southsea ...	oro	cbcc	45	53	2	1	1·1
	Bognor Regis	cbcc	bcir	45	52	2	1	1·2
	Littlehampton	ere	c	45	53	3	1	1·3
	Worthing ...	cr	rcbc	45	51	3	2	1·5
	Brighton ...	ere	bc	44	49	3	2	1·7
	Eastbourne†	or	rocbc	45	51	4	2	0·2
	Hastings† ...	or	ocbc	45	51	4	3	0·5
	Folkestone ...	oco	oRrc	45	52	3	3	0·1
	Dover... ...	orfmc	ere	45	53	2	3	0·0
	Deal	r$_o$o	roc	44	54	1	1	0·2
	Ramsgate ...	c	crorc	45	52	1	7	0·1
	Margate ...	c	cr	45	52	2	5	0·0
2	Southend ...	co	orroc	42	50	1	3	0·1
	Maldon ...	ro	orc	45	51	1	5	0·0
	Clacton-on-Sea	ogdmc	copr	40	49	2	5	0·1
	Dovercourt ...	rbcm	rbcc	42	48	1	5	0·1
	Lowestoft ...	iroc	iro	42	49	1	1	0·0
	Skegness ...	bc	bccm	38	48	5	-	0·3
	Mablethorpe	cm$_o$o	ocm$_o$	41	48	3	-	0·3
	Cleethorpes ...	bcz	c	41	47	1	-	1·2
3	Leamington S.	oro	oro	44	48	1	8	0·0
4	Cheltenham†	corr	ocirc	44	50	0·3	6	0·1
5	Bath	cr	cbcqr	45	54	1	4	0·8
	Weymouth ...	mocp	cb	43	53	4	0·3	1·7
	Jersey ...	cd	cbc	46	53	2	0·1	1·2
	Torquay ...	cdpq	bcbq	45	55	5	1	3·0
	Penzance ...	oddbc	bbc	48	54	4	0·2	3·2
	St. Ives ...	c	b	47	53	2	-	3·2
	Bude	rocbc	bcc	44	52	12	2	3·5
	Ilfracombe ...	orr	pocbc	46	52	5	3	0·1
6	Aberystwyth	rc	rod	45	47	4	7	0·0
7	Llandudno ...	cr$_o$c	cr$_o$rc	43	47	0·5	2	0·0
	Colwyn Bay...	co	oporr	42	47	1	1	0·0
	Rhyl	c	cor	43	48	1	1	0·0
8	Wallasey ...	c	cor$_o$	43	46	-	Trace	0·0
	Southport‖ ...	o	oco	43	45	5	-	0·0
	Blackpool ...	o	o	43	45	5	-	0·0
	Morecambe ...	dc	cbcc	41	44	4	-	0·1
9	Ilkley... ...	c	c	40	47	1	-	0·1
	Harrogate ...	c	c	42	45	0·5	-	0·1
10	Berwick-on-T.	ofo	cbc	35	43	-	-	0·9
11	Dunbar ...	bc	bc	34	45	-	-	1·0
12	Troon... ...	cocbc	cbc	40	46	-	-	0·9
	Douglas ...	cbc-	cbc-	41	46	.8	-	0·1

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



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 1st February, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Moderate or fresh southwest to west wind; bright intervals; some showers; mild.
5 S.W. England 6 South Wales ...	Fresh southwest wind, veering, strong locally on coast; bright periods, showers of rain or hail; mild.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Light variable wind; bright intervals, showers; local morning fog; average temperature.
12 S.W. Scotland & Isle of Man 13 A. W. Scotld. B.N. Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	Light variable winds, finally northerly; bright intervals, showers, hail locally; local fog; rather cold.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Light or moderate variable wind, finally northwest; bright periods, showers, hail locally; rather mild.

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

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

GENERAL INFERENCE.

Shallow secondary depressions are moving eastwards across Ireland and England. There will be bright intervals and showers in most districts.

FURTHER OUTLOOK.

Unsettled; mild in the South, rather cold in the North.

TIME OF ISSUE OF GALE WARNINGS.

▼ South Cone hoisted at 1450 on 31st in districts 1 and 5.

Forecasts issued at 1030 G.M.T.

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

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

Morning of

SATURDAY
1st FEBRUARY

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 1st February. 1936.
No. 27099.

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud. Form. Low	Form. Med.	Form. High	Amount. Low 0-10	Amount. Total 0-10	Height of Base. (feet)
		(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	996·8	-2	SW	4	c	48	75	8	5	-	-	9+	9+	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	998·2	-2	SW	4	c	45	95	7	5	-	6	4-6	9	2500
	Manston ...	142	996·7	-2	SW	4	c	46	85	7	5	-	6	7-8	9	4000
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	994·4	+6	SW	2	r	45	95	6	6	-	-	10	10	1500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	997·3	-16	WSW	4	c	48	95	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	996·2	-34	SSW	5	o	49	95	7	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	994·6	-36	SW	6	c/r	50	95	6	9	-	-	9+	9+	1500
	Guernsey ...	175	1000·8	-20	SW	3	o	49	95	6	5	-	-	10	10	2500
6	Pembroke ...	142	998·1	-12	SSW	3	oz	47	95	6	5	-	-	10	10	1500
7	Holyhead ...	26	997·3	-14	SW	3	bc	45	95	7	5	3	6	2-3	4-6	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	997·5	0	WSW	2	cz	42	95	5	5	2	-	4-6	10	800
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	998·6	+2	W	1	c	40	95	6	5	1	-	7-8	9	1500
11	Inchkeith ...	190	998·5	+4	S	2	o	40	95	7	5	-	-	10	10	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	999·3	+4	W	4	c	44	95	8	4	7	-	4-6	7-8	2500
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13b	Stornoway ...	80	998·7	0	-	0	c/r	37	95	7	5	7	-	7-8	9	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	998·4	-2	WNW	1	c	32	95	7	5	7	-	4-6	7-8	1500
16	Lerwick ...	156	995·6	-8	WSW	3	c	40	95	8	8	7	-	4-6	7-8	1500
17	Blacksod Point	18	999·4	-10	S	3	c	45	95	7	5	-	-	7-8	7-8	800
18	Malin Head ...	52	998·4	-16	SSW	3	r	44	85	7	8	7	-	4-6	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	999·2	-14	S	3	bc	46	95	8	8	-	-	4-6	4-6	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud. Form. Low	Form. Med.	Form. High	Amount. Low 0-10	Amount. Total 0-10	Height of Base (feet)	State of Ground. 0-9	Sea. 0-9
		(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	London (Kew)	990·8	-86	S	3	ir	46	95	7	5	-	-	10	10	2500	1	*
	Croydon ...	990·2	-48	SW	4	ir	46	95	6	6	2	-	9	10	800	1	*
	S. Farnborough	990·0	-40	SE	3	RR	46	95	6	-	2	-	10	10	800	1	*
	Boscombe Down	990·1	-12	SW	3	c/pr	47	95	7	5	-	-	9	9	800	1	*
	Calshot (Sthmtn.)	991·1	-36	SW	5	c/r	48	95	8	5	-	-	9+	9+	800	1	3
	Lympne ...	993·8	-36	SSW	3	o/f	45	95	5	5	-	-	10	10	220	1	2
	Manston ...	993·0	-28	SW	3	o	44	95	7	5	-	-	10	10	1500	1	*
2	Shoeburyness ...	992·8	-26	S	3	c	44	95	7	6	2	-	7-8	10	1500	1	*
	Felixstowe ...																
	Gorleston ...	992·3	-12	SSW	2	c	45	85	7	5	-	-	9	9	2500	1	2
	Mildenhall ...	990·7	-20	SE	2	oz	43	95	6	5	-	-	10	10	2500	1	*
	Cranwell ...	990·7	-24	SE	2	oz	41	95	5	5	-	-	10	10	800	1	*
3	Birmingham ...	990·2	-24	SSW	1	rr	41	95	6	6	-	-	10	10	1500	1	*
	Upper Heyford	989·4	-50	SE	3	iR	43	95	5	-	2	-	10	10	450	1	*
4	Ross-on-Wye	989·2	-32	NW	1	c	43	95	7	5	-	-	9+	9+	2500	1	*
5	Portland Bill ...	990·7	-24	W	4	c	48	95	7	8	7	-	7-8	10	1500	1	4
	Plymouth ...	992·1	-2	WSW	4	c	48	95	8	8	-	8	4-6	7-8	1500	1	2
	The Lizard ...	992·6	-4	WSW	5	c	48	95	7	4	2	-	4-6	7-8	1500	1	3
	Scilly (St. Mary's)	991·8	-8	W	5	c	48	95	7	8	-	-	7-8	7-8	1500	1	3
	Guernsey ...	994·6	-16	WSW	5	o	50	95	6	8	-	-	10	10	2500	1	4
6	Pembroke ...	988·8	-2	WSW	3	c	46	95	7	5	-	-	9+	9+	1500	1	3
7	Holyhead ...	987·2	-10	SWN	3	r	45	95	6	6	2	-	4-6	10	1500	1	2
	Chester (Sealand)	988·7	-26	SSE	2	c	41	95	6	-	7	8	0	7-8	-	1	*
8	Manchester ...	988·7	-22	ESE	1	r	42	95	5	6	2	-	7-8	10	1500	1	*
10	Spurn Head ...	989·2	-16	SW	2	c	42	95	6	5	2	-	4-6	9	800	0	1
	Catterick ...	988·2	-14	SE	1	c	40	95	7	5	4	-	4-6	9	4000	1	*
	Tynemouth ...	988·0	-8	W	1	bc	40	95	6	2	-	-	4-6	4-6	2500	1	1
11	Inchkeith ...	986·9	-10	W	1	o	39	95	7	5	-	-	10	10	1500	0	1
	Leuchars ...	986·2	-14	-	0	of	35	95	2	5	-	-	10	10	<150	1	*
12	Renfrew (Abbotsl.)	986·5	-12	ESE	1	o/d	41	95	5	5	-	-	10	10	800	1	*
	Eskdalemuir ...	986·7	-18	SSW	1	om	39	95	4	5	-	-	10	10	<150	1	*
	Point of Ayre ...	986·8	-14	WSW	2	o	43	95	8	9	-	-	10	10	1500	1	2
13a	Tiree	984·5	-16	ENE	1	bc	39	95	7	5	-	-	4-6	4-6	2500	0	*
13b	Stornoway ...	986·1	-6	NNE	1	c	36	95	8	5	7	-	4-6	7-8	1500	1	1
15	Dalwhinnie ...	987·4	-12	-	0	c	29	95	7	4	6	-	4-6	9+	2500	4	*
	Aberdeen ...	985·8	-8	NNW	1	cz	35	95	6	5	-	1	7-8	7-8	4000	4	1
	Wick ...	985·2	-6	W	1	c	35	95	7	5	7	-	4-6	9	1500	1	1
16	Lerwick ...	983·6	-18	WSW	4	c/pr	41	95	8	8	7	-	4-6	7-8	1500	1	*
17	Blacksod Point	986·7	-10	-	0	bc	43	95	7	3	-	-	4-6	4-6	800	1	3
18	Malin Head ...	984·0	-10	WSW	2	bc	43	95	7	8	-	-	4-6	4-6	1500	1	1
	Aldergrove ...	985·9	-14	SW	2	o	41	95	7	5	-	-	10	10	1500	1	*
19	Birr Castle ...	987·2	-16	S	1	ir	43	95	7	6	-	-	10	10	2500	1	*
20	Valentia Obsy. †	987·6	-18	SE	3	c	45	95	8	5	-	-	9	9	800	1	3
	Roches Point	988·0	-12	WSW	3	ir	46	95	7	6	-	-	10	10	1500	1	3

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Rainfall. Day 7h-18h mm.	Rainfall. Night 18h-7h mm.	Sunshine 31st Hrs.
		(31)	(32)	(33)	(34)	(35)	(36)
1	London (Kew)	53	45	40	7	Tr.	0·1
	Croydon ...	54	44	41	3	Tr.	0·0
	S. Farnborough	53	45	38	2	2	0·8
	Boscombe Down	53	41	38	1	2	0·4
	Calshot (Sthmtn.)	53	45	42	1	2	0·3
	Lympne ...	51	43	39	3	-	0·1
	Manston ...	53	43	40	8	-	0·1
2	Shoeburyness ...	51	43	38	3	0·2	0·1
	Felixstowe ...						
	Gorleston ...	49	43	41	2	1	0·0
	Mildenhall ...	49	43	40	8	1	0·0
	Cranwell ...	47	41	39	Tr	0·2	0·0
3	Birmingham ...	46	40	39	8	6	0·0
	Upper Heyford	50	41	34	7	4	*
4	Ross-on-Wye	52	43	39	4	7	0·1
5	Portland Bill ...	51	46	*	0·5	2	*
	Plymouth ...	53	48	45	0·5	1	2·3
	The Lizard ...	51	46	*	1	1	*
	Scilly (St. Mary's)	52	48	*	1	0·1	4·1
	Guernsey ...	53	48	43	1	3	0·6
6	Pembroke ...	50	43	*	5	6	2·6
7	Holyhead ...	47	44	41	2	2	0·0
	Chester (Sealand)	48	41	37	2	0·5	0·0
8	Manchester ...	47	38	32	-	3	0·0
10	Spurn Head ...	45	40	*	-	-	1·0
	Catterick ...	47	37	30	-	Tr	0·0
	Tynemouth ...	45	39	34	-	Tr.	0·0
11	Inchkeith ...	41	37	35	-	0·6	0·1
	Leuchars ...	42	33	29	0·1	0·1	1·5
12	Renfrew (Abbotsl.)	40	35	33	0·2	2	0·0
	Eskdalemuir ...	42	38	36	0·3	4	0·0
	Point of Ayre ...	48	40	*	0·2	Tr	0·3
13a	Tiree	49	36	31	1	-	5·2
13b	Stornoway ...	43	35	*	0·2	0·2	0·0
15	Dalwhinnie ...	39	28	21	Tr	-	1·6
	Aberdeen ...	41	33	27	-	-	0·4
	Wick ...	43	31	*	-	-	*
16	Lerwick ...	41	38	*	-	2	0·0
17	Blacksod Point	47	41	*	3	1	*
18	Malin Head ...	46	41	*	-	0·3	2·0
	Aldergrove ...	44	40	37	Tr	0·1	0·0
19	Birr Castle ...	48	40	31	6	0·2	0·1
20	Valentia Obsy. †	52	43	39	2	4	3·8
	Roches Point	51	45	*	7	2	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	cdprm	cPRc	cbc	53	45	40	7	Tr	0·1	*	*	6
Croydon	217	cdr	cr	bcir	54	44	41	3	Tr	0·0	*	*	6
Greenwich (Royal Observatory)...	149	cdcm	rRcm	cbcRR	52	43	40	6	2	0·0	88	95	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	53	46	42	8		0·0	90	91	*
Regents Pk. (Botanic Gardens)†...	168	*	*	*	53	45	43	5	3	0·1	93	96	*
Camden Square	110	cdc	orc	*	52	45	40	6	3	*	*	94	*
Kensington	80	copc	cp	*	53	45	39	6	3	0·1	41 18h	95	*
Hampstead Observatory	459	or	bc	bmor	50	43		6	3	0·0	*	95	*

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

South Kensington. Max.	Time.	Min.	Time.
0·6	13-14h 31st	<0·3	0-5h 1st.

Kew Observatory. Max.	Time.	Min.	Time.
0·3	13h 31st	<0·1	22h. 31st -6h. 1st

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 31st January. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 1st February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1002·5	W	7	c	54	997·5	S	2	r	48
Brussels	999·3	WSW	6	o	52	996·0	SSW	4	c/p	46
Berlin	994·8	S	3	o/r	39	993·5	WNW	3	c/d	43
Zürich	1006·7	WNW	8	c/r	48	1007·4	SSW	4	o	48
Rome	1009·1	NW	4	bc	54	1008·5	ENE	3	43	

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
59	46	Tr.	2
52	45	8	0·2
43	39	0·2	0·2
48	46	5	0·3
*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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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, 2nd February 1936.
No. 27100

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

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)	Sun-shine Hrs. (36)
1	London (Kew)	987·7	-6	WSW	3	z_o	50	85	6	8	–	–	9+	9+	1500	0·1
	Croydon ...	987·9	-10	W'S	4	c	50	75	6	8	–	–	9+	9+	2500	0·0
	S. Farnborough	988·1	-14	W'S	4	c	50	75	7	8	–	2	9+	9+	1500	0·8
	Boscombe Down	988·0	-16	SW	3	pr_o	50	75	8	5	7	–	7-8	9	1500	0·4
	Calshot (Sthmtn.)	989·4	-10	SWS	3	bc	51	85	8	7	8	–	2-3	4-6	2500	0·3
	Lympne ...	988·7	-18	SWW	4	c	48	95	7	8	3	–	7-8	9+	1500	0·1
	Manston ...	987·6	-22	SWW	4	c	50	75	7	5	–	–	9+	9+	2500	0·1
2	Shoeburyness ...	987·6	-20	W'S	3	c	50	85	5	8	1	–	7-8	9+	1500	0·1
	Felixstowe ...															
	Gorleston ...	986·3	-38	SSE	2	$^c/_r$	43	95	6	6	–	–	10	10	1500	0·0
	Mildenhall ...	986·1	-20	WN	1	z_o	45	95	6	5	–	–	10	10	800	0·0
	Cranwell ...	987·5	-18	SE	1	c	42	95	6	8	7	–	7-8	9+	2500	0·0
3	Birmingham ...	987·2	-20	WSW	2	c	43	95	6	6	–	–	7-8	7-8	1500	0·0
	Upper Heyford	987·2	-12	W	4	c	48	85	8	8	–	–	9+	9+	1500	*
4	Ross-on-Wye	987·0	-10	WSW	3	c	48	75	8	8	6	8	9	9+	4000	0·1
5	Portland Bill ...	988·5	-20	WSW	3	bc	49	86	7	4	4	–	2-3	4-6	2500	*
	Plymouth ...	988·3	-26	SWS	4	$^c/_{pr}$	49	95	6	9	7	–	9	9+	1500	2·3
	The Lizard ...	988·0	-24	WSW	4	c	48	95	8	8	2	–	7-8	9+	2500	*
	Scilly (St.Mary's)	988·1	-12	W'N	4	$^c/_{pr}$	48	95	8	9	6	3	7-8	9+	1500	4·1
	Guernsey ...	990·3	-22	SW	4	c	50	95	7	5	1	–	4-6	9	2500	0·6
6	Pembroke ...	985·8	-16	W	3	c	45	95	7	8	7	–	4-6	9	2500	2·6
7	Holyhead ...	984·6	-20	SWW	2	c	46	95	8	9	1	3	4-6	9+	1500	0·0
	Chester(Sealand)	986·6	-18	SE'S	2	z_o	45	85	5	5	7	–	7-8	9+	4000	0·0
8	Manchester ...	986·2	-18	SSW	2	$^c/_r$	45	85	6	–	7	8	0	9	–	0·0
10	Spurn Head ...	985·2	-12	WSW	2	pr_o	42	95	7	5	2	–	4-6	9+	1500	1·0
	Catterick ...	985·5	-18	S'E	1	m	42	95	4	5	2	–	9	10	2500	0·0
	Tynemouth ...	985·5	-6	SW	2	m	45	85	4	5	3	–	4-6	7-8	2500	0·0
11	Inchkeith ...	984·0	-6	S	1	ir_o	40	95	6	5	–	–	10	10	800	0·3
	Leuchars ...	984·8	-8	–	0	ir_o	37	95	4	5	2	–	9	10	4000	5·2
12	Renfrew (Abbots I.)	985·1	-10	S	2	z_o	44	85	5	5	–	–	10	10	1500	0·0
	Eskdalemuir ...	984·5	-12	SW	3	d_od_o	41	95	6	5	2	–	9+	10	220	0·0
	Point of Ayre...	984·5	-12	SSW	2	c	46	85	8	9	–	–	9	9	1500	0·3
13A	Tiree	984·2	-4	NNE	3	c	43	95	8	5	7	–	9+	9+	2500	5·2
13B	Stornoway ...	985·1	0	NNE	2	pr_o	42	85	8	5	7	–	4-6	7-8	1500	0·0
15	Dalwhinnie ...	985·6	-6	N	2	bc	32	95	8	4	2	1	1	4-6	2500	1·6
	Aberdeen ...	984·7	-8	NNW	2	bc	43	85	7	5	3	3	1	2-3	4000	0·4
	Wick ...	984·7	-4	W	2	c	41	85	8	5	6	–	4-6	7-8	1500	*
16	Lerwick ...	981·5	-8	NW	3	bcjp	41	95	8	8	7	–	4-6	4-6	1500	0·0
17	Blacksod Point	986·6	0	WSW	2	bc	47	85	8	2	–	5	2-3	4-6	1500	*
18	Malin Head ...	983·5	-2	SW	2	c	44	85	7	8	–	–	9+	9+	800	2·0
	Aldergrove ...	984·1	-10	WSW	2	c	42	95	7	5	–	–	10	10	800	0·0
19	Birr Castle ...	986·0	-4	SW	1	c	45	85	8	5	–	3	7-8	7-8	2500	0·1
20	Valentia Obsy. †	986·3	-6	–	0	$^c/_{pr}$	46	95	8	8	–	1	7-8	7-8	1500	3·8
	Roches Point	985·3	-12	WNW	3	c	48	85	8	8	–	3	4-6	7-8	1500	*

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

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)	985·3	-16	SSW	1	z_o	47	85	6	5	–	8	2-3	9	2500	1	*
	Croydon ...	985·4	-14	S'W	3	z_o	46	85	6	–	6	2	0	9	–	1	*
	S. Farnborough	985·0	-10	SSW	2	c	46	95	6	4	6	2	2-3	7-8	2500	1	*
	Boscombe Down	985·1	-14	–	0	r_or_o	42	85	7	6	2	–	10	10	800	1	*
	Calshot (Sthmtn.)	986·3	-18	S'W	4	r_or_o	45	95	7	5	7	–	4-6	10	1500	1	2
	Lympne ...	986·9	-10	SWW	2	c	43	95	7	–	3	7	0	10	–	1	§2
	Manston ...	986·0	-10	SW	3	c	44	85	7	5	7	8	2-3	7-8	2500	1	*
2	Shoeburyness ...	986·0	-10	SW	1	m	44	85	4	8	1	–	2-3	7-8	1500	1	*
	Felixstowe ...																
	Gorleston ...	986·1	+2	N	2	z_o	43	85	6	5	–	–	4-6	4-6	2500	1	2
	Mildenhall ...	985·5	-6	–	0	z_o	43	95	5	5	–	–	9+	9+	2500	1	*
	Cranwell ...	986·0	-4	–	0	z_o	39	95	6	5	3	–	4-6	7-8	2500	1	*
3	Birmingham ...	985·3	-6	–	0	$^o/_{pr}$	43	85	4	6	–	–	10	10	1500	1	*
	Upper Heyford	984·9	-14	SE	2	r_or_o	44	95	6	5	1	–	4-6	10	800	1	*
4	Ross-on-Wye	984·8	-8	SW	2	c	43	95	6	5	–	–	9+	9+	2500	1	*
5	Portland Bill ...	984·9	-20	NW	3	pr_o	47	95	7	4	–	–	9	9	2500	2	3
	Plymouth ...	986·3	-2	NWW	4	z_o	47	95	6	8	–	–	4-6	4-6	2500	1	2
	The Lizard ...	986·3	0	W'N	4	bc	46	95	8	8	–	–	4-6	4-6	2500	1	3
	Scilly (St.Mary's)	987·4	+2	NW	5	bc/pr	47	85	8	9	–	3	4-6	4-6	1500	1	3
	Guernsey ...	987·7	-8	WSW	3	bc	46	95	7	8	3	–	4-6	4-6	2500	1	4
6	Pembroke ...	984·8	0	WNW	1	c	45	95	7	8	6	–	4-6	9	2500	1	2
7	Holyhead ...	983·8	+4	WNW	3	$^c/_r$	45	95	7	6	2	–	7-8	10	1500	1	1
	Chester(Sealand)	984·5	-4	SWW	1	r_or_o	44	95	5	–	2	–	10	10	1500	1	*
8	Manchester ...	984·1	-2	S'W	2	ir_o	44	95	5	5	–	–	10	10	1500	1	*
10	Spurn Head ...	984·7	-4	SW	2	c	40	95	7	5	7	–	4-6	9+	2500	1	1
	Catterick ...	983·9	-4	–	0	m	41	85	4	5	–	–	9+	9+	4000	1	*
	Tynemouth ...	983·2	-6	SW	2	m	44	85	4	8	–	–	7-8	7-8	2500	1	1
11	Inchkeith ...	983·7	-10	NE	3	ir_o	37	95	6	6	–	–	10	10	800	1	2
	Leuchars ...	984·1	0	–	0	r_or_o	36	95	4	–	2	–	10	10	2500	1	*
12	Renfrew (Abbots I.)	984·2	-2	–	0	r_or_o	39	95	6	5	–	–	10	10	1500	1	*
	Eskdalemuir ...	983·1	0	SW	2	ir	40	95	6	6	–	–	10	10	220	1	*
	Point of Ayre...	983·2	-2	NW	2	o	44	95	8	6	–	–	10	10	1500	1	2
13A	Tiree	984·3	+6	N	4	c	42	85	8	5	4	–	4-6	7-8	2500	0	3
13B	Stornoway ...	986·2	+8	NNE	3	c	39	85	8	5	7	–	4-6	7-8	1500	1	2
15	Dalwhinnie ...	985·1	0	N	1	c	33	95	7	5	–	–	10	10	2500	4	*
	Aberdeen ...	984·7	+2	NW	2	c	38	95	7	5	–	–	7-8	7-8	2500	1	1
	Wick ...	984·4	+4	NW	3	c	38	85	8	8	7	–	7-8	9	1500	1	1
16	Lerwick ...	980·8	+4	NW	3	$^c/_{pr}$	39	95	8	8	7	–	4-6	7-8	1500	1	*
17	Blacksod Point	986·2	-2	W	2	bc	41	95	8	5	–	–	4-6	4-6	1500	1	2
18	Malin Head ...	983·7	+4	NNW	2	c	43	85	7	6	2	–	7-8	10	800	1	1
	Aldergrove ...	983·4	+2	SSW	1	c	41	95	7	5	7	–	7-8	9+	4000	1	*
19	Birr Castle ...	985·6	+2	WSW	1	c	44	95	8	5	–	–	7-8	7-8	2500	1	*
20	Valentia Obsy. †	986·9	+4	–	0	bc	42	95	8	3	4	–	2-3	4-6	2500	1	2
	Roches Point	986·4	+6	WNW	3	bc	46	85	8	9	–	3	4-6	4-6	1500	1	3

PAST 24 HOURS.

District	Stations.	Weather. 7h.–13h. 1st. (37)	Weather. 13h.–18h. 1st. (38)	Weather. 18h. 1st. to 1h. 2nd. (39)	Weather. 1h.–7h. 2nd. (40)
1	London (Kew)	c_or_c	cm_o	$c_or_om_o$	cm_or_r
	Croydon ...	$c_or_om_o$	c_zo	$c_ir_om_o$	$cm_or_or_o$
	S. Farnborough	$c_rr_rm_oc$	c_cm_o	$cm_or_ir_o$	$c_ir_om_oc$
	Boscombe Down	c_pr_o	c_pr_or	r_or_obe	be
	Calshot (Sthmtn.)	c_ic_irbc	bec_or_o	c_or_obe	bebbc
	Lympne ...	o_rr_fc	cbcc	$c_fr_rd_o$	f_do_ro
	Manston ...	c_ir_rc	cbcc	co_or_r	$o_or_oc_m_o$
2	Shoeburyness ...	$r_rc_m_o$	cm_om	codd	ddo
	Felixstowe ...				
	Gorleston ...	co_or_o	$o_pr_bz_o$	offif	o_or_o
	Mildenhall ...	o_rr_rco	$om_oc_m_o$	$co_or_m_o$	$oR_Rr_or_o$
	Cranwell ...	r_oo_rr	cbc	bcofe	$o_fe_ir_o$
3	Birmingham ...	rid_o	bccpr	cpr	cd_o
	Upper Heyford	R_rr_o-c	$cb_cr_or_o$	cr_oR	cR_Rr_o
4	Ross-on-Wye	cc	cpc	$r_od_om_oc$	cbc
5	Portland Bill ...	cbc	bcpr	c	c
	Plymouth ...	$c_om_opr_o$	cpr_obm_o	$bcbm_o$	bbccpr
	The Lizard ...	c	cpr_obc	$bcpr_o$	$bcor_o$
	Scilly (St.Mary's)	ir_op_o	$cbcp_o$	bcc	$cbcp_o$
	Guernsey ...	cPRc	bcoir	bccpr	c
6	Pembroke ...	cqphrprc	cpr	bc	cbc
7	Holyhead ...	$r_or_od_od_oc$	cr_or_o	cpr_o	cpr_oc
	Chester(Sealand)	cd_oc	$cr_or_om_o$	cr_oorr	c
8	Manchester ...	$r_od_od_oir_o$	$ci_d_om_o$	d_od_oc	em_ooff
10	Spurn Head ...	corpr	pr_oc	ffpr	fepr
	Catterick ...	m_opr_ocm	cr_oc_m	cm_or_{ym}	cr_om_oc
	Tynemouth ...	bccm	$bccm_o$	offmir	oirq
11	Inchkeith ...	oir_o	z_o	cr_or_o	c
	Leuchars ...	$fefecr_o$	$omrr_o$	om_or_o	om_of
12	Renfrew (Abbots I.)	cm_omdrc	cm_omggg_o	cm_rrrrr_o	cm
	Eskdalemuir ...	$o_mc_od_o$	d_od_or	cr_rm_o	$clocm_o$
	Point of Ayre...	d_or_o	$crrr_o$	occ	crro
13A	Tiree	c	cbc	bc	bc
13B	Stornoway ...	bccvpr	cpr_o	cpr	$cxpr_o$
15	Dalwhinnie ...	cbc	c	•	isbc
	Aberdeen ...	cfz_bc	bbcc	cbc	bcbx
	Wick ...	c	cprc	cbc	beps
16	Lerwick ...	cbpr	bccpr	cbcpr	bc
17	Blacksod Point	bc	bc	bc	prc
18	Malin Head ...	c	circ	c	c
	Aldergrove ...	cir_oom_y	od_od_oc	cir_oc	crr_oc
19	Birr Castle ...	circ	c	c	c
20	Valentia Obsy. †	prprgc	prp_obc	bccpr	cpr_obc
	Roches Point	circ	cpr_bc	bcp_o	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, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus
R, heavy rain. r$_o$, slight rain.
rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☾ lunar halo. ⸗ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; + has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{20}$ 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 A-St (thin).
2 Typical A-St (thick; sun or moon invisible), or Nimbo-stratus (Nb-St).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu in several layers generally associated with fibrous veils and a chaotic appearance of the sky.

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

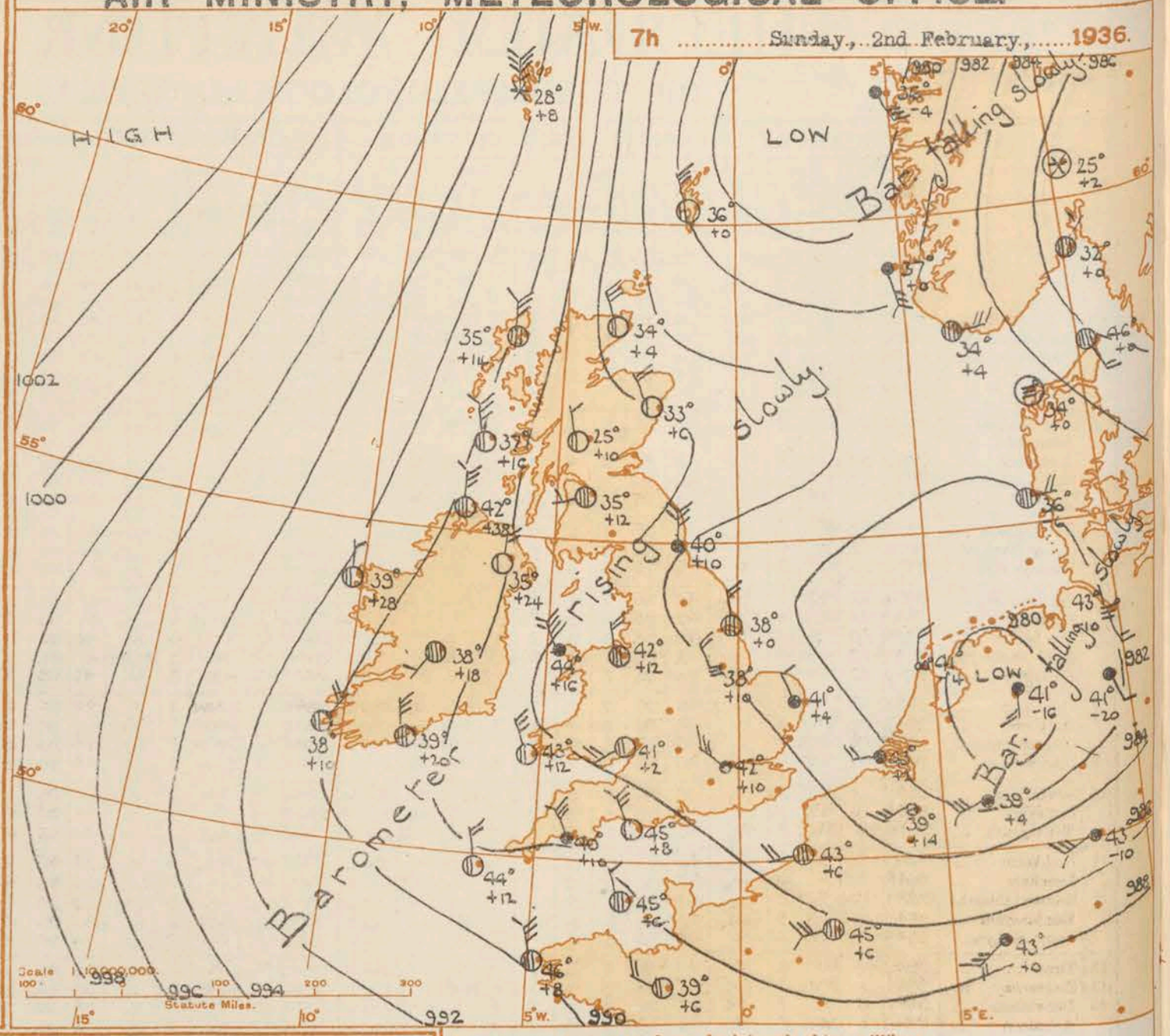
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 1st February 1936.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 31st to 9h. 1st	Temperature. Max. 9h.—17h. 1st	Rainfall. Night. 17h. 31st to 9h. 1st	Rainfall. Day. 9h.—17h. 1st	Sunshine. Sunrise to Sunset. 1st
1	Tunbridge W.	ocbcc	bcc	44	50	4	-	1·9
	Bournemouth	obbc	boom	46	52	1	-	2·7
	Ventnor ...	rouou	bcor	46	52	0·3	2	3·2
	Southsea ...	obc	bco	46	52	2	-	2·7
	Bognor Regis	bcebc	bccr	46	51	2	Trace	2·8
	Littlehampton	cbc	bcc	46	50	3	-	2·3
	Worthing ...	c	cbc	46	49	1	-	2·2
	Brighton ...	cbpc	bcb	45	48	2	Trace	2·2
	Eastbourne†	cbcb	bbcc	46	50	3	-	3·6
	Hastings† ...	odcc	bcc	45	50	2	Trace	1·7
	Folkestone ...	oRoc	oco	45	49	4	0·2	0·8
	Dover... ...	roc	cbcc	46	49	4	Trace	1·4
	Deal	robc	cbc	45	51	2	Trace	0·7
	Ramsgate ...	rdcbcc	c	45	51	2	0·4	0·8
	Margate ...	c	c	45	51	3	-	0·2
2	Southend ...	orc	c	43	50	2	0·4	1·0
	Maldon ...	rc	c	43	50	4	-	1·4
	Clacton-on-Sea	orc	c	42	49	2	5	0·6
	Dovercourt ...	rbc	rbc	42	50	7	2	1·2
	Lowestoft ...	ciro	proc	42	47	1	2	0·6
	Skegness ...	orr	obcem	41	44	1	3	0·1
	Mablethorpe Cleethorpes ...	ocmr	bc	40	45	0·1	0·2	0·3
3	Leamington S.	oc	cod	41	47	7	-	0·7
4	Cheltenham†	ome	bccrc	42	49	5	0·3	0·6
5	Bath	cbc	bccrr	45	52	1	3	2·2
	Weymouth ...	cb	cpc	47	53	1	0·3	2·1
	Jersey ...	pccbc	cpc	47	50	4	3	0·6
	Torquay ...	bcc	crpbc	47	52	1	1	0·7
	Penzance ...	pc	cdbcb	48	52	1	0·2	2·2
	St. Ives ...	c	pr	48	50	3	0·5	1·0
	Bude	prc	prcbc	47	49	3	3	0·8
	Ilfracombe ...	poc	cpo	47	50	6	1	0·2
6	Aberystwyth	cr	or	41	48	3	6	0·0
7	Llandudno ...	c	cdr_o	43	47	1	0·5	0·0
	Colwyn Bay...	cc	crr	42	47	1	1	0·1
	Rhyl	c	cr_o	42	48	0·6	0·2	0·0
8	Wallasey ...	c	cor_o	42	47	5	Trace	0·1
	Southport‖ ...	ro	oco	39	45	2	-	0·0
	Blackpool ...	od	odm	40	45	1	0·3	0·0
	Morecambe ...	rcird	dcm	40	45	Trace	0·5	0·0
9	Ilkley... ...	o	o	40	46	0·3	-	0·0
	Harrogate ...	c	c	40	45	-	-	0·0
10	Berwick-on-T.	c	c	37	42	1	-	0·0
11	Dunbar ...	bc	cd_o	35	42	-	0·3	0·0
12	Troon... ...	cococ	dd_oc	39	45	7	0·5	0·0
	Douglas ...	om_oid	cidc-	42	46	Trace	1	0·1

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



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 2nd Feb, 1936.
1 S.E. England 2 E. England ...	Moderate northerly wind; dull with slight rain at first; bright intervals and showers later; rather cold; local frost inland at night.
3 E. Midlands ... 4 W. Midlands ...	Moderate northerly wind, some bright periods, occasional showers, rather cold; local frost inland at night.
5 S.W. England 6 South Wales ... 7 North Wales ...	Moderate northerly wind, some bright periods, occasional showers; rather cold.
8 N.W. England 9 N. Midlands ...	As 3 - 4.
10 N.E. England	As 1 -2.
11 S.E. Scotland	Moderate northerly wind; bright intervals, showers of snow or sleet; rather cold; frost at night
12 S.W. Scotland & Isle of Man.	
13 A. W. Scotld. B.N.W. Scotland.	Moderate northerly wind, bright periods, showers of rain, hail or sleet with snow on high ground; rather cold; sharp frost at night.
14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Moderate northerly wind, becoming light and variable; bright periods; occasional showers of rain or hail at first; local fog night and morning; rather cold. frost inland at night.

GENERAL INFERENCE.

A complex low pressure system covering Holland and the North Sea is moving eastwards and pressure is rising generally over the British Isles. Weather will be cloudy with some bright intervals and occasional showers. In Northern districts there will be showers of hail, sleet or snow. Temperature will become lower in all districts and frost will occur inland at night.

FURTHER OUTLOOK.

Rather cold; wintry showers in the North; frost inland at night.

Forecasts issued at 1030 G.M.T.

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

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

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

Morning of

SUNDAY.
2ND FEBRUARY.

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 2nd February, 1936.
No. 27100

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

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	983·0	-2	W	5	c	43	95	6	5	-	-	10	10	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	983·2	-10	W	2	f	43	95	8	5	-	-	10	10	<150
	Manston ...	142	982·6	-12	W	1	f	43	95	6	-	2	-	10	10	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	983·1	-10	-	0	if	40	95	5	5	-	-	10	10	800
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	984·5	+4	NW	3	c	45	95	8	4	4	-	4-6	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	987·0	0	WNW	2	bc	45	95	8	8	-	-	4-6	4-6	2500
	Scilly (St. Mary's)	163	987·6	0	NNW	4	c	46	85	8	8	6	-	4-6	7-8	2500
	Guernsey ...	175	987·0	+4	NNW	2	c	46	85	7	8	1	-	4-6	9	2500
6	Pembroke ...	142	985·0	+4	NW	2	bc	45	95	7	5	-	-	2-3	2-3	2500
7	Holyhead ...	26	983·3	+2	NNW	3	c/r	45	85	8	8	-	-	9+	9+	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	983·0	-4	S	1	of	37	95	1	5	-	-	10	10	<150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	983·8	0	N	2	c/r	41	95	7	6	-	-	10	10	1500
11	Inchkeith ...	190	984·8	+6	NE	2	c	37	95	8	5	-	-	9+	9+	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	784	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	983·3	0	NW	2	c	43	95	8	3	-	-	9	9	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	987·3	+4	N	2	c	35	85	8	5	7	-	4-6	9+	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	984·8	+4	NW	3	bc	34	85	8	3	-	-	2-3	2-3	1500
16	Lerwick ...	156	980·7	+4	NW	3	bc/por	37	95	8	8	7	-	2-3	4-6	1500
17	Blacksod Point	18	987·6	+12	-	0	c	39	95	7	7	-	-	7-8	7-8	800
18	Malin Head ...	52	985·4	+8	N	4	c	42	75	8	5	-	-	9+	9+	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	988·3	+6	NW	2	bc	44	85	8	8	-	-	4-6	4-6	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	984·9	+16	WNW	2	r.r.	42	95	6	6	2	-	7-8	10	800	1	*
	Croydon ...	984·1	+10	WNW	3	r.r.	42	95	7	6	2	-	7-8	10	800	1	*
	S. Farnborough	985·1	+10	W	1	c	42	95	8	5	3	1	4-6	9	4000	1	*
	Boscombe Down	985·9	+16	WNW	2	c	40	95	7	5	2	-	4-6	7-8	1500	1	*
	Calshot (Sthmtn.)	985·0	+10	SWW	2	c	40	95	8	5	3	-	2-3	7-8	2500	1	1
	Lympne ...	984·1	+8	WNW	5	dd	41	95	5	6	7	-	7-8	9	450	1	2
	Manston ...	982·2	+8	WNW	2	o.o.	42	95	6	5	-	-	10	10	1500	1	*
2	Shoeburyness ...	985·6	+10	NW	2	o	41	95	7	5	-	-	10	10	2500	1	*
	Felixstowe ...																
	Gorleston ...	985·1	+4	NNW	1	r.r.	41	95	6	6	-	-	10	10	1500	1	1
	Mildenhall ...	985·5	+12	WSW	1	r.r.	39	95	6	6	-	-	10	10	800	1	*
	Cranwell ...	984·7	+10	WS	2	of	38	95	3	5	-	-	10	10	1500	1	*
3	Birmingham ...	985·4	+8	WNW	3	c	40	85	8	5	-	-	9	9	1500	1	*
	Upper Heyford	985·3	+14	NW	4	c/r	40	95	7	5	7	-	7-8	9	800	1	*
4	Ross-on-Wye	986·3	+10	WSW	2	bc	41	85	8	5	-	-	4-6	4-6	4000	1	*
5	Portland Bill ...	986·8	+8	WNW	4	bc	45	95	8	4	-	-	4-6	4-6	2500	1	3
	Plymouth ...	988·2	+10	NWW	4	pr.	40	95	7	9	-	-	9+	9+	1500	1	3
	The Lizard ...	988·7	+12	NWW	3	c	44	95	8	8	-	-	7-8	7-8	2500	1	3
	Scilly (St. Mary's)	989·5	+12	NW	4	bc	44	95	8	3	-	3	2-3	2-3	2500	1	2
	Guernsey ...	987·8	+6	NW	1	c	45	85	7	5	1	-	4-6	7-8	2500	1	3
6	Pembroke ...	986·9	+12	NW	3	bc	43	85	7	5	4	-	4-6	4-6	2500	1	2
7	Holyhead ...	986·7	+16	NW	5	ir.	44	95	8	9	2	-	7-8	10	1500	1	2
	Chester (Sealand)	985·5	+12	NW	2	c	42	85	7	5	2	-	9	10	1500	1	*
8	Manchester ...	984·6	+8	WNW	1	of	39	95	2	5	-	-	10	10	220	1	*
10	Spurn Head ...	983·2	0	NNW	2	c	38	95	7	5	2	-	2-3	10	1500	1	1
	Catterick ...	985·4	+20	NW	2	r.r.	36	95	7	6	2	-	9+	10	1500	1	*
	Tynemouth ...	984·4	+10	N	5	ir.	40	85	7	6	-	-	10	10	1500	1	2
11	Inchkeith ...	987·9	+20	NW	3	c	37	85	8	5	3	-	4-6	9+	4000	0	2
	Leuchars ...	987·1	+12	NW	1	c	34	85	7	5	-	-	9+	9+	2500	1	*
12	Renfrew (Abbotsl.)	987·9	+12	WSW	1	c	35	95	7	5	-	-	9	9	1500	1	*
	Eskdalemuir ...	986·5	+18	NNE	3	c	35	85	6	5	-	-	4-6	7-8	2500	1	*
	Point of Ayre ...	986·2	+20	NE	4	o	41	85	8	8	-	-	10	10	1500	1	3
13A	Tiree	989·8	+16	NNW	4	bc/ph	37	85	8	8	-	-	4-6	4-6	2500	0	~
13B	Stornoway ...	989·7	+14	N	4	c	35	85	7	8	7	-	4-6	7-8	1500	6	2
15	Dalwhinnie ...	988·5	+10	N	1	bc	25	95	7	4	6	-	4-6	4-6	2500	8	*
	Aberdeen ...	986·1	+6	NW	2	b	33	95	8	5	-	-	1	1	4000	1	1
	Wick ...	985·6	+4	NW	5	bc/ps	34	95	8	3	-	-	4-6	4-6	1500	6	1
16	Lerwick ...	986·7	0	NW	3	bc	36	95	8	8	-	-	2-3	2-3	1500	1	*
17	Blacksod Point	991·4	+28	N	1	bc	39	95	7	2	-	-	4-6	4-6	1500	1	3
18	Malin Head ...	989·9	+28	N	4	c	42	85	8	5	-	-	9+	9+	2500	0	3
	Aldergrove ...	988·7	+24	N	2	b	36	95	8	5	-	-	1	1	1500	1	*
19	Birr Castle ...	989·7	+18	SW	1	c	38	95	8	5	-	-	9	9	2500	1	*
20	Valentia Obsy. †	989·6	+10	NNE	2	bc	38	95	8	5	-	-	2-3	2-3	2500	1	3
	Roches Point	989·8	+20	NNW	3	bc	39	95	8	5	-	-	7-8	7-8	2500	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 1st hrs. (36)
1	London (Kew)	50	42	38	3	2	0·8
	Croydon ...	52	42	40	2	2	2·0
	S. Farnborough	51	41	38	2	-	2·2
	Boscombe Down	50	38	35	3	Tr	0·8
	Calshot (Sthmtn.)	53	39	34	0·3	2	3·1
	Lympne ...	50	41	39	4	3	0·9
	Manston ...	50	43	39	2	4	0·5
2	Shoeburyness ...	51	40	34	3	1	0·7
	Felixstowe ...						
	Gorleston ...	46	38	35	3	0·5	0·0
	Mildenhall ...	46	39	37	2	1·5	0·0
	Cranwell ...	43	35	30	4	0·2	0·6
3	Birmingham ...	47	38	35	3	0·6	0·6
	Upper Heyford	48	40	37	3	5	*
4	Ross-on-Wye	49	40	32	1	0·3	0·6
5	Portland Bill ...	49	44	*	1	2	*
	Plymouth ...	50	35	31	0·5	0·5	0·4
	The Lizard ...	50	43	*	1	1	*
	Scilly (St. Mary's)	49	42	*	0·4	1	3·1
	Guernsey ...	51	44	37	2	0·4	1·3
6	Pembroke ...	48	42	*	4	Tr.	0·6
7	Holyhead ...	47	42	33	3	0·3	0·1
	Chester (Sealand)	47	39	35	0·1	4	0·0
8	Manchester ...	47	39	36	0·1	0·5	0·2
10	Spurn Head ...	44	37	*	1	4	0·3
	Catterick ...	44	35	34	0·3	0·5	0·0
	Tynemouth ...	46	37	36	Tr	5	0·0
11	Inchkeith ...	41	35	33	1	2	0·0
	Leuchars ...	38	34	31	4	4	0·0
12	Renfrew (Abbotsl.)	44	33	29	0·5	2	0·0
	Eskdalemuir ...	42	34	32	2	3	0·0
	Point of Ayre ...	47	39	*	2	2	0·0
13A	Tiree	44	35	34	-	0·1	0·0
13B	Stornoway ...	44	32	*	1	0·5	3·1
15	Dalwhinnie ...	34	25	17	-	0·1	1·0
	Aberdeen ...	44	32	28	-	-	3·7
	Wick ...	42	30	*	0·6	1	*
16	Lerwick ...	43	34	*	1	1	1·4
17	Blacksod Point	47	37	28	0·4	-	1·9
18	Malin Head ...	44	37	*	Tr	0	*
	Aldergrove ...	44	40	*	1	-	0·0
19	Birr Castle ...	43	35	32	0·1	2	0·0
20	Valentia Obsy. †	47	37	28	0·4	-	1·9
	Roches Point	47	37	31	2	1	0·6
		50	38	*	2	0·1	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	cr.c	cm.	cr.m.	50	42	38	3	2	0·8	*	*	6
Croydon	217	cr.m.	cz.	cir.m.	52	42	40	2	2	2·0	*	*	6
Greenwich (Royal Observatory) ...	149	bc	c	c.crm.	51	42	40	ir	3	1·1	73	89	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·2	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	53	44	42	2		1·0	70	91	*
Regents Pk. (Botanic Gardens)‡ ...	168	bc	bc	cr.s	51	42	41	0·1	2·0	0·5	75	91	*
Camden Square	110			*	50	42	40	-	3·0	*	*	91	*
Kensington	80	co	co	*	53	45	39	Tr	2	0·8	91 18h.	79	*
Hampstead Observatory	450	c	c	or.	48	43	32	-	2	0·3	*	98	*

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 1st February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 2nd February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	990·2	SSW	2	z.	52	986·6	W	4	c	45
Brussels	988·0	WSW	2	c	46	982·4	WSW	3	d.d.	39
Berlin	991·0	SSW	2	c	45	984·9	SSE	1	cz.	37
Zürich	1000·6	WNW	1	rr	45	992·7	SW	4	c	43
Rome	1005·0	WSW	6	o	57	998·2	S	5	c	57

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

South Kensington. Max.	Time.	Min.	Time.
1·0	17-19h 1st	<0·3	4-6h 2nd

Kew Observatory. Max.	Time.	Min.	Time.
0·6	17h 1st.	40·1	6-7h. 2nd.

Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
55	45	4	4
50	39	1	9
46	34	Tr	-
52	39	4	11
*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 6, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 3rd February, 1936.
No. 27101

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

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)	987·8	+8	NW'W	2	c	46	75	6	5	-	-	9	9	1500
	Croydon ...	987·3	+10	NW'W	3	c3	45	75	6	8	6	-	9	9+	2500
	S. Farnborough	988·2	+10	WNW	3	c	45	75	7	8	-	-	9+	9+	2500
	Boscombe Down	988·7	+10	NW	3	c3	44	75	6	5	7	9	2-3	7-8	2500
	Calshot (Sthmtn.)	988·6	+10	W	3	bc	45	85	8	8	3	-	4-6	4-6	2500
	Lympne ...	987·2	+14	NW'N	3	c3	42	95	5	5	2	-	7-8	10	800
	Manston ...	986·3	+12	NW'W	3	r r	42	95	6	6	2	-	9	10	450
2	Shoeburyness ...	~~986·4~~ 987	+20	WNW	3	c	42	95	6	5	-	-	9+	9+	1500
	Felixstowe ...														
	Gorleston ...	985·5	+10	NW'N	3	ir	43	95	6	9	-	-	9	9	1500
	Mildenhall ...	986·9	+14	NW'N	2	am	(42)	95	4	5	-	-	10	10	800
	Cranwell ...	988·0	+18	NW	3	c3	39	95	6	5	2	-	9	10	800
3	Birmingham ...	989·1	+14	NW	3	c3	42	85	5	8	-	-	9+	9+	1500
	Upper Heyford	988·4	+14	NW'W	5	cq	43	85	7	8	7	8	7-8	9+	800
4	Ross-on-Wye	989·3	+10	NW'W	3	c	46	65	8	8	6	-	7-8	7-8	4000
5	Portland Bill ...	989·6	+10	NW	4	c	46	95	8	4	4	-	4-6	7-8	2500
	Plymouth ...	991·4	+14	NW'N	4	c/pr	47	75	8	8	-	-	7-8	7-8	2500
	The Lizard ...	992·7	+16	WNW	3	bc/pr	44	85	8	8	6	1	2-3	4-6	2500
	Scilly (St.Mary's)	993·4	+14	NW'N	4	c/p	51	75	8	3	6	-	4-6	7-8	2500
	Guernsey ...	991·2	+14	WNW	3	bc	48	75	8	5	1	-	2-3	4-6	2500
6	Pembroke ...	991·1	+14	NNW	4	cq	44	75	7	8	7	-	4-6	7-8	4000
7	Holyhead ...	~~991·1~~	+30	N	4	c	43	75	8	8	-	-	9	9	1500
	Chester(Sealand)	990·2	+24	NNW	3	c3	42	85	5	5	2	-	7-8	10	1500
8	Manchester ...	989·5	+26	NNE	3	c/pr	41	95	5	9	7	-	9	10	1500
10	Spurn Head ...	986·0	+16	N	5	pr	41	95	7	5	2	-	4-6	9+	800
	Catterick ...	989·2	+18	N	2	c	39	85	7	5	7	-	4-6	7-8	4000
	Tynemouth ...	988·4	+16	NNW	4	bc	39	65	8	2	6	-	2-3	4-6	2500
11	Inchkeith ...	990·5	+28	NW	3	bc	38	75	8	5	6	-	2-3	2-3	4000
12	Leuchars ...	989·8	+10	NW	3	b	39	65	8	7	-	1	1	1	4000
	Renfrew (Abbots I.)	991·6	+14	NW'N	3	bc	41	65	9	1	-	6	1	2-3	4000
	Eskdalemuir ...	990·4	+14	N'W	3	b	37	65	7	7	-	-	1	1	2500
	Point of Ayre...	991·3	+16	NW	4	c	42	75	8	5	-	-	7-8	7-8	2500
13A	Tiree	994·1	+20	NW	5	bc	41	55	9	3	4	-	2-3	2-3	2500
13B	Stornoway ...	994·2	+20	NNE	4	ps	35	85	6	5	2	-	7-8	10	1500
15	Dalwhinnie ...	991·8	+14	N	2	is	31	85	5	6	-	-	10	10	1500
	Aberdeen ...	988·4	+12	NW	4	ps	35	95	6	9	-	-	9	9	1500
16	Wick ...	988·8	+32	N	5	c/phq	37	85	7	8	7	-	7-8	9	1500
	Lerwick ...	985·1	+26	N	5	c/ps	35	95	7	9	7	-	7-8	9	800
17	Blacksod Point	997·2	+22	N	4	bc	42	95	8	3	-	-	4-6	4-6	1500
18	Malin Head ...	995·1	+22	N	4	bc/ph(r)	39	75	7	3	-	-	4-6	4-6	1500
	Aldergrove ...	995·5	+22	NNW	4	bc	38	75	9	8	7	3	2-3	7-8	1500
19	Birr Castle ...	995·8	+28	NE	1	c	42	75	8	5	-	-	7-8	7-8	2500
20	Valentia Obsy. †	997·7	+36	NNE	3	c	44	75	8	7	3	-	4-6	7-8	1500
	Roches Point	995·8	+28	N	3	bc	45	75	9	1	-	2	4-6	4-6	2500

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

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)	991·5	+24	NNW	2	o3	41	85	6	5	-	-	10	10	1500	1	*
	Croydon ...	991·3	+26	NW'W	3	c/r	41	95	4	9	-	-	10	10	2500	1	*
	S. Farnborough	991·9	+18	N	2	c/pr	41	95	6	9	-	-	10	10	1500	1	*
	Boscombe Down	992·7	+30	NW	2	ir	38	95	6	6	2	-	10	10	800	1	*
	Calshot (Sthmtn.)	991·5	+20	W'N	3	c	48	85	7	5	3	-	4-6	7-8	4000	1	1
	Lympne ...	990·5	+20	NNW	3	o/pr	40	95	6	5	-	-	10	10	2500	1	§ 1
	Manston ...	989·4	+18	NW'W	3	r r	42	95	5	6	-	-	10	10	800	1	*
2	Shoeburyness ...	990·2	+20	NW	5	o	41	95	5	5	-	-	10	10	1500	1	*
	Felixstowe ...																
	Gorleston ...	988·9	+16	NW'N	4	o	42	95	7	6	-	-	10	10	1500	1	3
	Mildenhall ...	991·2	+34	NNW	3	r r	40	95	7	6	-	-	10	10	800	1	*
	Cranwell ...	992·4	+18	NW	3	c3	38	85	6	5	3	-	4-6	7-8	1500	1	*
3	Birmingham ...	993·8	+38	NNW	3	cm	38	85	4	6	-	-	9	9	1500	1	*
	Upper Heyford	993·0	+34	N	4	r r	38	95	4	-	2	-	10	10	800	1	*
4	Ross-on-Wye	994·3	+26	NNW	3	c	41	85	8	8	-	-	7-8	7-8	2500	1	*
5	Portland Bill ...	992·0	+20	NNW	3	c	45	85	7	4	-	-	10	10	2500	1	3
	Plymouth ...	995·2	+26	NNW	4	c3	44	75	6	5	-	-	7-8	7-8	2500	1	2
	The Lizard ...	996·9	+34	NNW	4	bc	42	85	8	8	-	-	4-6	4-6	2500	1	3
	Scilly (St.Mary's)	997·5	+26	N'E	6	c	44	75	8	4	6	-	4-6	7-8	2500	1	3
	Guernsey ...	994·2	+20	NW	3	c	45	75	7	8	-	-	7-8	7-8	2500	1	3
6	Pembroke ...	995·6	+16	N	4	cq	42	65	7	8	-	-	9	9	2500	1	2
7	Holyhead ...	995·1	+30	NNW	5	bc/ph(r)	42	65	8	9	-	-	2-3	2-3	2500	1	3
	Chester(Sealand)	994·7	+24	NW'N	4	c/pr	39	85	6	5	-	-	9+	9+	4000	1	*
8	Manchester ...	993·7	+26	NW'N	2	c3	39	85	5	5	-	-	9+	9+	4000	1	*
10	Spurn Head ...	990·6	+40	NW'N	5	c	37	85	7	5	2	-	2-3	4-6	2500	0	4
	Catterick ...	993·2	+26	NNW	2	bc	35	75	8	-	9	-	0	4-6	-	1	*
	Tynemouth ...	991·6	+24	NNW	3	ir	37	75	7	9	-	-	9	9	1500	1	2
11	Inchkeith ...	994·0	+24	WSW	3	c	37	65	8	5	7	-	4-6	7-8	4000	0	2
12	Leuchars ...	993·7	+24	NW	3	bc	36	65	8	5	-	-	2-3	2-3	4000	1	*
	Renfrew (Abbots I.)	995·6	+26	NNW	2	bc	36	75	8	5	-	-	7-8	7-8	2500	1	*
	Eskdalemuir ...	994·4	+24	N'W	3	c	33	75	8	4	-	-	7-8	7-8	2500	4	*
	Point of Ayre...	995·4	+32	NNE	5	bc	40	75	8	4	-	-	2-3	2-3	2500	1	3
13A	Tiree	997·7	+20	N	3	c/phq	36	85	8	8	-	-	9	9	2500	1	4
13B	Stornoway ...	995·2	+6	WNW	3	c	33	85	8	8	7	-	4-6	7-8	1500	6	2
15	Dalwhinnie ...	995·6	+18	N	1	c	29	85	7	4	6	-	4-6	10	2500	8	*
	Aberdeen ...	992·8	+28	NNW	4	bc	35	85	8	8	-	-	2-3	2-3	2500	21	1
16	Wick ...	992·4	+12	NW	4	phr	33	85	7	8	8	-	7-8	9	800	1	3
	Lerwick ...	988·0	+14	NW	5	c jp	32	95	6	9	1	-	7-8	9	800	7	*
17	Blacksod Point	1002·5	+34	N	3	bc	40	75	8	3	-	-	2-3	2-3	1500	1	3
18	Malin Head ...	999·0	+32	N	5	bc jp	39	75	7	3	-	-	4-6	4-6	1500	0	4
	Aldergrove ...	997·7	+24	NW	2	bp	35	75	8	8	-	-	Tr	Tr	1500	1	*
19	Birr Castle ...	1000·0	+20	W'N	1	bc	38	85	8	5	-	-	2-3	2-3	2500	1	*
20	Valentia Obsy. †	1002·8	+36	N	4	c/pr	41	75	9	5	7	-	4-6	7-8	2500	1	3
	Roches Point	1000·6	+28	N	3	bc	44	75	8	8	-	3	4-6	4-6	1500	1	3

PAST 24 HOURS.

District	Stations.	Weather. 7h.—18h. 2nd. (37)	Weather. 18h.—18h. 2nd. (38)	Weather. 18h. 2nd to 1h. 3rd. (39)	Weather. 1h.—7h. 3rd. (40)
1	London (Kew)	crrcm	crrm	cm	bcm x
	Croydon ...	crrm	PHR rr	cb bc	bc ps c
	S. Farnborough	c	cpr PR	cm PR c	bx
	Boscombe Down	bcm	cq PR	ir bc	bc
	Calshot (Sthmtn.)	bc	bcc	cq pr bc	bc bx b
	Lympne ...	cir m	od pr	cr bc	cr s s s
	Manston ...	cor r m	am r	cq r m c	cpr ps
2	Shoeburyness ...	odd cm	cm	cm b	bx c
	Felixstowe ...				
	Gorleston ...	orc ir	coir q	bcc ir	cq
	Mildenhall ...	am	od r r	cr bm	bm
	Cranwell ...	ofe ir	cr r	bc bm x	bm x
3	Birmingham ...	c	cpr	cbc	bc
	Upper Heyford	cpr q	cq r o	or r c	cr b cx
4	Ross-on-Wye	cbcc	cph c	cp bcv	bc bb
5	Portland Bill ...	cc	cc	bbc	bbc
	Plymouth ...	cprbcm	cbbc	bcz b	bwx
	The Lizard ...	cprbc	bc	bc	bcpr
	Scilly (St.Mary's)	bcc	cbcc	bc pq	bc
	Guernsey ...	cprbc	bcc	cbc	bcbc
6	Pembroke ...	cq	cq bcc	bcq	bcq
7	Holyhead ...	ir d c	bcprh	pr c	bc
	Chester(Sealand)	c3	cpr	cbc	bcps psh
8	Manchester ...	ofc m pr	prs psh	cbbc	bcqps
10	Spurn Head ...	cpr	pr c	bcc	cbbc
	Catterick ...	cr m d c	cbcb	bbc	bc
	Tynemouth ...	air bc	bc ir	un bc	bc
11	Inchkeith ...	cbc	bcc	cbcc	co
12	Leuchars ...	cbxb	bbccb	bx	bbccx
	Renfrew (Abbots I.)	cpr bc	bc	bcb	bbcx
	Eskdalemuir ...	bm cb	bps b	bx	bxcs
	Point of Ayre...	oc	cbc	bc	bcph
13A	Tiree	bcphi	bccph	cph	bcphq
13B	Stornoway ...	cps q	cps ph	cps q	cph q
15	Dalwhinnie ...	15	15c		15c
	Aberdeen ...	bccpsps	bcps	b	bcps
16	Wick ...	psphr	cphr	cphs	cps
	Lerwick ...	bccprs	cossc	cpsbc	bcqshx
17	Blacksod Point	cbc	prc	phirq	phrq
18	Malin Head ...	cjp	bcphr	bcphr	bcphr
	Aldergrove ...	bdc bcv	bcv jpb	bbc pc	bcpscx
19	Birr Castle ...	c	cbc	bc	bcbx
20	Valentia Obsy. †	bcpr c	cbcprc	cphr bc	bcphrbx
	Roches Point	bcv	bcp bc	bcp c	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, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
ss, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☽, lunar halo. ⟋ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; + has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 1/10 of the sky.
"9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

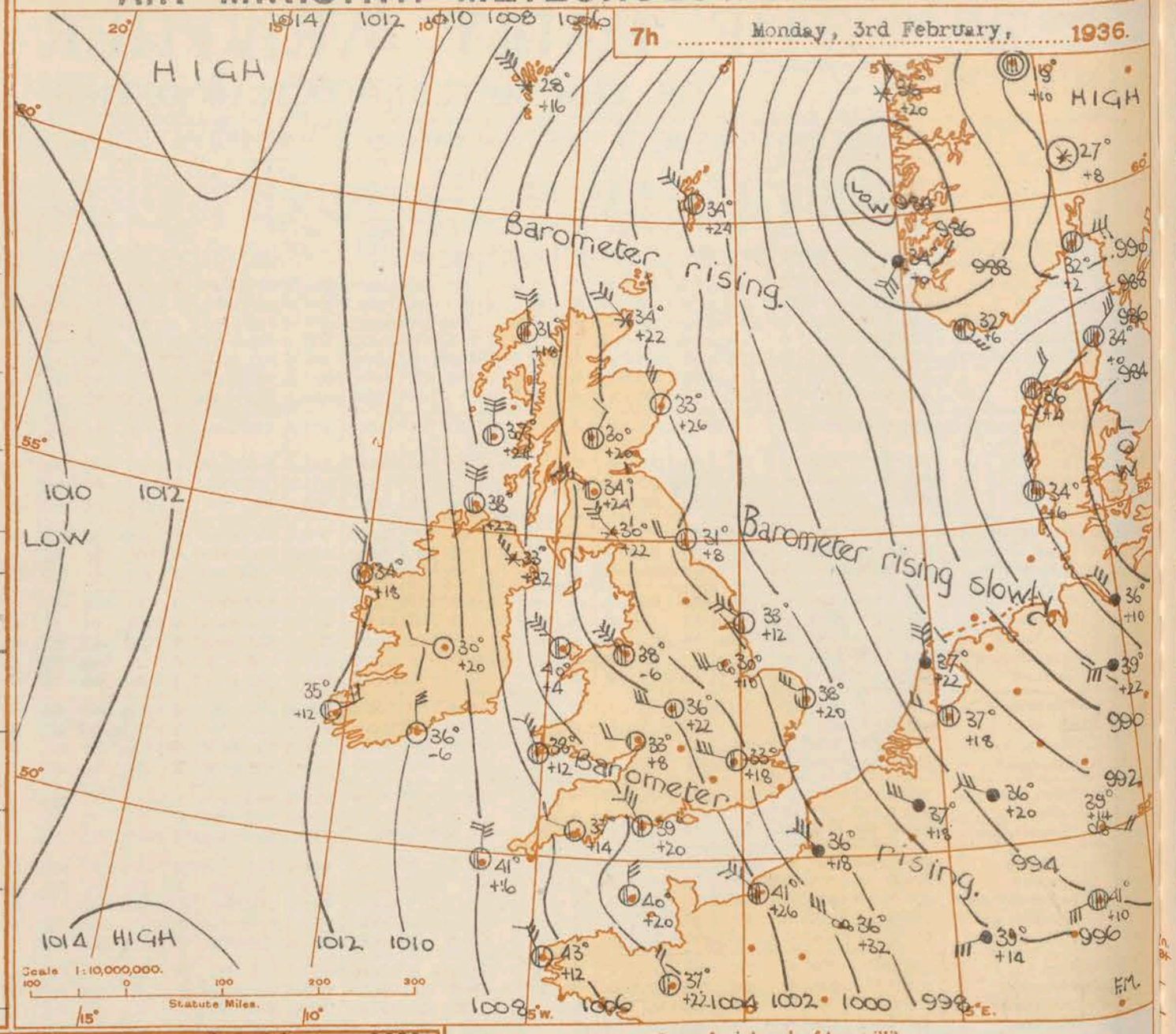
REPORTS from HEALTH RESORTS for 2nd February 1936.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 1st to 9h. 2nd	Temperature. Max. 9h.—17h. 2nd	Rainfall. Night. 17h. 1st to 9h. 2nd	Rainfall. Day. 9h.—17h. 2nd	Sunshine. Sunrise to Sunset. 2nd
1	Tunbridge W.	oodc	coor	41	45	4	Trace	0·2
	Bournemouth	bbc	bbc	39	48	2	-	4·1
	Ventnor ...	ormbc	cbcp	41	48	3	Trace	3·5
	Southsea ...	bb	bc	41	48	5	-	5·7
	Bognor Regis	bbc	bc	40	47	6	-	4·0
	Littlehampton	bc	bc	40	49	6	-	3·5
	Worthing ...	b	bbcc	39	48	6	-	4·8
	Brighton ...	bc	bc	41	49	4	-	4·8
	Eastbourne†	cb	bbcc	41	48	6	-	3·5
	Hastings† ...	bcc	bcc	41	48	6	-	2·4
	Folkestone ...	codrc	oirc	42	45	4	0·1	0·0
	Dover... ...	rmo	rmco	43	44	3	Trace	0·0
	Deal	odo	o	41	44	5	0·3	0·0
	Ramsgate ...	opo	o	41	45	4	0·4	0·0
	Margate ...	cd	cd	40	43	3	0·3	0·0
2	Southend ...	orm	orm	41	43	2	1	0·0
	Maldon ...	ror	odo	40	43	3	0·3	0·0
	Clacton-on-Sea	orc	com	39	42	5	1	0·0
	Dovercourt ...	poc	boc	39	43	11	Trace	0·0
	Lowestoft ...	foir	proc	39	44	3	1	0·0
	Skegness ...	bcrc	crc	37	42	Trace	Trace	0·0
	Mablethorpe Cleethorpes ...	ofr	c	35	41	0·3	0·2	0·0
3	Leamington S.	o	or	38	41	2	1	0·0
4	Cheltenham†	bcc	cirO	39	45	0·5	0·3	0·9
5	Bath	cbcc	cbctr	39	47	0·5	1	4·9
	Weymouth ...	bc	cbcb	39	*	0·6	-	3·6
	Jersey ...	pcbcc	pcbcp	42	49	2	4	3·0
	Torquay ...	bbc	bbc	37	49	-	-	6·1
	Penzance ...	bcrsb	bcc	42	50	3	0·6	4·7
	St. Ives ...	pr	c	44	48	0·3	Trace	3·6
	Bude	cpbc	bc	43	46	Trace	Trace	4·6
	Ilfracombe ...	cbc	cbc	44	46	-	-	2·9
6	Aberystwyth	ro	cbcc	41	46	1	-	2·2
7	Llandudno ...	rc	c	41	42	5	Trace	0·1
	Colwyn Bay...	pcp	apapc	40	42	5	0·5	0·0
	Rhyl	crc	crc	41	43	5	0·1	0·0
8	Wallasey ...	cpo	cpo	40	42	6	0·3	0·8
	Southport‖ ...	oco	oc	40	41	2	-	0·0
	Blackpool ...	o	c	38	41	1	-	0·2
	Morecambe ...	cdc	c	38	47	1	Trace	0·0
9	Ilkley... ...	c	c	36	41	4	-	0·6
	Harrogate ...	c	cb	36	38	1	-	0·7
10	Berwick-on-T.	bc	boso	38	40	15	0·6	4·5
11	Dunbar ..	bc	bc	35	40	4	-	4·5
12	Troon... ...	cbvcb	bcb	36	42	2	-	4·8
	Douglas ...	cbcid	cbbcx	38	42	5	Trace	3·5

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

AIR MINISTRY. METEOROLOGICAL OFFICE.

7h Monday, 3rd February, 1936.



Barometer. Isobars are drawn for intervals of two millibars.

Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◎ Temperature is given in degrees F.

Weather Symbols :— ○Clear sky. ◔Sky less than 1/10 clouded. ◑Sky 1/10 to 1/5 clouded. ◕Sky 1/10 to 1/5 clouded. ●Overcast sky. ●Rain falling. ✳ Snow. ✳ Sleet ▲ Hail ≡ Fog. ≡ Mist. T Thunder. ⱦ Thunderstorm. co Slight haze.

Sea Disturbance. ~ Rough. ≈ High.

Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 3rd February, 1936
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Moderate or fresh northwest wind, falling light later; mainly fine but local snow showers at first; local morning fog; cold, sharp night frost.
5 S.W. England 6 South Wales ...	Moderate to light northwest wind, backing south, freshening tomorrow; bright intervals, local wintry showers at first; rain spreading northeast tomorrow; cold, frost locally at night.
7 North Wales ...	Wind northwest or north, strong locally at first, falling light, variable; wintry showers at first, heavy snow locally on hills, fair later; cold, frost inland at night.
8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	As 1 - 4.
13 A. W. Scotld. 13 B. N.W. Scotland.	Moderate or fresh north wind, lighter later; snow showers, heavy locally; bright intervals; cold, night frost.
14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	
17 N. W. Ireland	As 5 - 6.
18 N. E. Ireland	As 1 - 4.
19 S. E. Ireland 20 S. W. Ireland	As 5 - 6.

GENERAL INFERENCE.

A ridge of high pressure off West Ireland is moving eastward and a depression on the Atlantic is advancing slowly. Weather will be fine apart from local wintry showers. Rain will spread over Southwest districts by noon tomorrow.

FURTHER OUTLOOK.

Rain spreading slowly northeast; snow locally in the North before the rain.

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.

Morning of

MONDAY.
3RD FEBRUARY.

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 3rd February, 1936.
No. 27101

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

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	997·1	+18	WNW	3	bc	35	85	7	-	3	-	0	2-3	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	9959	+24	NNW	4	bcz$_o$	36	76	6	5	3	3	2-3	4-6	4000
	Manston ...	142	995·2	+18	NW	5	c	37	75	7	5	*	-	7-8	7-8	4000
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	993·7	+12	NW'W	4	r$_o$	36	95	6	9	-	-	9+	9+	1500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1000·1	+24	NNW	4	b	40	95	8	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1005·4	+28	NW'N	3	bc	37	85	8	7	6	-	2-3	2-3	2500
	Scilly (St. Mary's)	163	1004·7	+20	N'E	5	bc	44	65	8	8	-	3	4-6	4-6	2500
	Guernsey ...	175	1000·1	+20	NNW	4	bc	42	75	8	2	-	-	4-6	4-6	2500
6	Pembroke ...	142	1001·5	+16	N	4	bcq	39	75	7	8	6	-	2-3	4-6	4000
7	Holyhead ...	26	1000·8	+14	NW'N	5	c	40	75	8	2	-	-	7-8	7-8	2500
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	994·8	+22	NW'N	5'	c	36	95	7	5	7	-	4-6	9+	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	996·6	+20	W	3	bc	34	75	7	5	-	-	2-3	2-3	1500
11	Inchkeith ...	190	996·7	+6	NSW	3	c	33	75	8	5	1	-	4-6	7-8	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ..	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1000·0	+20	N	5	b	38	75	8	2	-	-	1	1	4000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1000·0	+26	NNE	5	c/ps	32	95	7	9	-	-	9+	9+	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	0844	+8	NW	4	ps	33	95	7	8	2	-	7-8	10	1500
16	Lerwick ...	156	9908	+14	NNW	6	bc/p	37	75	8	8	7	-	4-6	4-6	800
17	Blacksod Point	18	1007·7	+26	N	3	bc	38	85	8	3	-	-	4-6	4-6	1500
18	Malin Head ...	52	1002·2	+12	NNW	5	bc/p	38	75	7	3	-	-	2-3	2-3	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1009·0	+26	NNW	5	pr	41	95	8	4	-	-	4-6	4-6	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. (29)	Sea. 0-9 (30)
1001·3	+16	WNW	2	bcz$_o$	34	85	6	5	-	-	2-3	2-3	2500	1	*
1001·0	+18	W'N	3	bc	33	85	7	5	4	1	Tr	2-3	4000	1	*
1002·1	+16	WNW	2	b	32	95	7	1	4	-	Tr	Tr	2500	4	*
1002·6	+8	NW'W	3	bc	33	85	7	5	-	-	2-3	2-3	2500	1	*
1003·0	+16	WNW	3	b	33	95	8	1	-	-	Tr	Tr	4000	1	2
999·7	+18	NW'N	4	is$_o$	33	85	5	5	3	-	4-6	7-8	1500	6	2
999·1	+22	NW	5	bc/ps	36	75	7	8	-	-	4-6	4-6	1500	1	*
999·5	+20	NW	3	c	35	85	7	4	5	-	4-6	10	2500	1	*
997·6	+20	NW'W	3	c	38	75	7	8	-	-	9+	9+	2500	1	3
999·6	+18	W'N	3	bz$_o$	32	95	5	-	3	-	0	Tr	-	1	*
999·6	+10	W'S	3	bz$_o$	30	85	5	-	-	-	0	0	-	4	*
1001·9	+4	W	3	bc	32	85	6	5	-	-	4-6	4-6	2500	1	*
1002·0	+18	NW	4	bc	32	95	8	5	4	-	2-3	2-3	2500	1	*
1002·7	+8	W'S	2	b	33	75	8	5	-	-	Tr	Tr	2500	1	*
1003·7	+20	NNW	4	bc	39	85	8	4	-	-	4-6	4-6	2500	1	3
1005·8	+14	WNW	1	bc	37	75	8	8	-	-	Tr	Tr	2500	1	1
1006·8	+14	NW'N	4	bc	36	85	8	8	-	-	4-6	4-6	2500	1	2
1007·8	+16	N	5	bc	41	65	8	2	-	-	2-3	2-3	2500	1	3
1003·2	+20	N	3	bc	40	65	7	5	-	-	4-6	4-6	2500	1	3
1005·1	+12	NNW	4	bcq	38	75	7	7	-	-	4-6	4-6	2500	1	2
1002·6	+4	NW	7	bc	40	75	8	2	-	-	4-6	4-6	2500	1	4
1000·8	+6	NW'W	6	c/phr	38	75	6	5	-	-	9	9	2500	1	*
9999	-2	NW	3	c/ps	33	95	6	8	-	-	7-8	7-8	1500	7	*
997·7	+12	NW	5	bc	33	95	7	-	1	-	0	2-3	-	4	4
998·7	+8	NNW	2	bc	33	75	7	5	9	-	2-3	4-6	4000	0	*
997·7	+8	W	2	bc	31	75	6	2	-	-	4-6	4-6	2500	4	2
999·1	+16	NW	3	o	34	75	8	5	-	-	10	10	1500	0	2
999·3	+14	NW	3	c	34	75	8	5	7	-	7-8	10	2500	1	*
1001·8	+24	WNW	3	bc	34	75	9	8	-	1	2-3	2-3	4000	1	*
1000·4	+22	NNW	5	ss$_o$	30	75	7	-	2	-	7-8	7-8	1500	4	*
1002·0	+16	N'E	6	bc	38	75	8	2	-	-	2-3	2-3	2500	1	3
1005·4	+24	N	6	bc	37	75	7	8	-	-	4-6	4-6	2500	6	-
1004·9	+18	N	5	c	31	95	8	8	7	3	4-6	7-8	1500	7	3
1007·7	+20	NE	1	c	30	95	7	4	6	-	7-8	10	2500	8	*
998·0	+26	NNW	3	bc	33	95	8	3	-	-	2-3	2-3	1500	8	2
998·5	+22	NW	5	ps	34	85	6	8	2	-	7-8	10	1500	8	3
995·8	+24	NW	5	bc/p	34	85	8	8	7	-	4-6	4-6	800	6	*
1012·2	+18	N	2	bc	34	85	8	3	-	-	4-6	4-6	1500	1	3
1006·7	+22	N	6	bc/p	38	65	7	3	-	-	2-3	2-3	1500	0	4
1005·3	+32	NW	3	ps	33	85	5	9	-	-	9+	9+	800	6	*
1010·0	+25	W'N	1	b	30	95	8	-	-	-	0	0	-	1	*
1011·9	+12	ENE	2	bc	35	85	8	8	-	-	2-3	2-3	2500	5	3
1009·5	-6	N	3	b	36	75	8	-	-	-	0	0	-	1	3

PAST 24 HOURS.

Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 2nd. Hrs. (36)
46	34	27	5	Tr	0·9
45	33	30	6	Tr	0·5
47	32	26	1	2	1·5
45	31	27	2	4	4·6
43	33	29	-	0·5	2·7
43	35	31	1	0·1	0·1
43	33	30	1	-	0·0
44	33	32	3	3	0·0
42	32	28	0·4	0·1	0·0
40	29	27	0·4	Tr	0·0
42	31	28	0·4	-	0·0
43	31	27	0·4	0·5	*
46	32	19	0·1	0·1	1·0
47	38	*	-	-	*
47	37	28	1	Tr	5·9
48	35	*	0·3	Tr	*
51	40	*	-	0·4	5·3
50	40	32	1	-	3·4
48	37	*	-	-	2·9
45	39	37	1	0·1	1·6
42	34	30	0·2	0·1	0·1
42	29	19	Tr	1	0·0
41	32	*	0·3	-	0·0
40	31	22	0·1	-	1·9
42	30	27	0·2	0·4	4·5
40	31	26	-	-	3·5
40	28	24	-	-	5·0
41	29	28	Tr	-	5·2
38	24	19	Tr	0·2	5·4
42	36	*	0·1	0·2	2·6
42	34	33	Tr	0·2	5·0
36	30	*	1	1	1·7
33	25	20	0·2	0·1	0·0
38	30	26	1	2	4·3
38	30	*	1	2	*
37	32	*	8	0·6	0·1
43	31	*	1	2	*
42	32	*	Tr	0·5	3·8
41	29	23	-	0·4	6·5
44	29	21	-	-	4·3
46	34	30	Tr	1	3·5
46	35	*	Tr	Tr	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day mm.	Rainfall. Night mm.	Sunshine to Sunset hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	crrcm$_o$	crrcm$_o$	cm$_o$bcx	46	34	27	5	Tr	0·9	*	*	6
Croydon	217	crrrm$_o$	PHRrr	tb'bcps$_o$	45	33	30	6	Tr	0·5	*	*	5
Greenwich (Royal Observatory)...	149	cm$_o$	cm$_o$	crbcbm	45	34	29	-	0·5	0·1	84	77	4
City (Bunhill Row)	---	*	*	*	*	*	*	*	*	0·6	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	47	33	30	0·3		0·1	81	79	*
Regents Pk. (Botanic Gardens)‡ ...	166	*	*	*	46	33	30	0·4	-	0·2	87	84	*
Camden Square	110	c	c	*	45	33	27	-	0·5	*	4½ 18h.	83	*
Kensington	80	cor	cor	*	46	34	27	1	0·1	0·3	83	82	*
Hampstead Observatory ...	450	bcors	o	oxsbc	43	30	19	-	0·6	0·3	*	31	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
0·6	15-17hrs 2nd	0·3	20-21hrs 2nd

Kew Observatory.

Max.	Time.	Min.	Time.
0·5	2 hrs 3rd	0·1	20 hrs 2nd

FOREIGN OBSERVATIONS.

18h. G.M.T. 2nd February.

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	991·5	W	4	c	46
Brussels	987·6	WNW	3	r$_o$	39
Berlin	981·3	S	2	c	43
Zürich					
Rome					

7h. G.M.T. 3rd February.

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1000·0	NW	3	cz$_o$	36
994·8	W	3	r$_o$	37
983·6	WSW	5	rd$_o$	39
998·3	SW	1	c	39
990·1	ESE	6	c/d	43

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
48	36	0·2	1
45	*	1	*
43	39	2	Tr
	37		3
*	*		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	1⅛ 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 9 h.

† Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 4th February 1936.
No. 27102

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

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

PAST 24 HOURS.

District	Stations. (For heights see p. 4.)	13h. Barom. at M.S.L. mb. (1)	13h. Change in 3 hours. (2)	13h. Wind. Direc. (3)	13h. Wind. Force 0–12 (4)	13h. Weather. (5)	13h. °Temp. F. (6)	13h. %Humid. (7)	13h. Visibility 0–9 (8)	13h. Cloud. Form. Low (9)	13h. Cloud. Form. Med. (10)	13h. Cloud. Form. High (11)	13h. Cloud. Amount. Low 0–10 (12)	13h. Cloud. Amount. Total 0–10 (13)	13h. Height of Base (feet) (14)	18h. Barom. at M.S.L. mb. (15)	18h. Change in 3 hours. (16)	18h. Wind. Direc. (17)	18h. Wind. Force 0–12 (18)	18h. Weather. (19)	18h. °Temp. F. (20)	18h. %Humid. (21)	18h. Visibility 0–9 (22)	18h. Cloud. Form. Low. (23)	18h. Cloud. Form. Med. (24)	18h. Cloud. Form. High. (25)	18h. Cloud. Amount. Low 0–10 (26)	18h. Cloud. Amount. Total 0–10 (27)	18h. Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)	Past 24 hours. Weather. 7h.—13h. 3rd (37)	13h.—18h. 3rd (38)	18h. 3rd to 1h. 4th (39)	1h.—7h. 4th (40)
1	London (Kew)	1003·0	+4	NW	4	cz$_o$	39	55	6	8	-	-	9+	9+	2500	1007·5	+3·0	NW	2	ucz$_o$	36	75	6	5	-	-	2-3	2-3	2500	1	*	bm$_o$xczy	cbcm$_o$	bcm$_o$	bm$_o$x
	Croydon ...	1002·8	+2	WNW	4	c/ps	37	65	6	9	-	-	9+	9+	2500	1007·0	+3·0	NW	3	c/s	35	85	5	6	2	-	7-8	10	2500	1	*	b-cz$_o$ps$_o$	cbccis$_o$	cbm$_o$b	bx
	S. Farnborough	1003·5	+2	NW	4	c	39	65	7	8	-	-	9	9	2500	1008·5	+2·2	NW	3	bc	35	75	6	8	-	-	4-6	4-6	2500	1	*	bbcc	ccm$_o$	bcm$_o$bb	bx
	Boscombe Down	1004·7	+2	NW	5	c	39	65	7	5	-	-	7-8	7-8	2500	1009·4	+3·0	NW	3	b	36	65	7	5	-	-	Tr	Tr	2500	1	*	bc	bcb	b	bx
	Calshot (Sthmtn.)	1004·5	-4	NWW	5	bc	41	75	8	7	-	-	4-6	4-6	4000	1008·3	+2·8	NW	4	c	39	75	7	8	-	-	7-8	7-8	2500	1	2	bbc	bcb-c	c$_o$bc$_o$bx	bx
	Lympne ...	1002·1	+6	NNW	4	cz$_o$	39	65	5	8	-	-	7-8	7-8	2500	1005·6	+2·2	NNW	4	cz$_o$	33	75	5	5	8	-	2-3	7-8	4000	1	§ 1	s$_o$bbcm$_o$	cpsbcm$_o$	cs$_o$s$_o$bm$_o$	bm$_o$
	Manston ...	1002·6	+1·6	NNW	4	c	39	65	7	5	1	-	7-8	7-8	2500	1004·7	+1·6	NW	4	c	37	65	5	8	-	-	9+	9+	2500	1	*	bcc	cpsbcc	pr$_o$scb q	bq$_o$b
2	Shoeburyness ...	1002·0	+6	NW	3	c/ph	37	75	7	8	-	-	9+	9+	2500	1005·0	+2·8	WN	4	rs	35	85	5	5	-	-	10	10	800	1	*	bz$_o$en.	hhecs	osbc	bcbx
	Felixstowe ...																																			
	Gorleston ...	1000·6	+6	NNW	4	bc	38	75	6	2	-	-	4-6	4-6	4000	1002·5	+1·4	WN	3	PRbs	35	95	6	6	-	-	10	10	1500	1	2	cbc	bcops$_o$	osbc	bc
	Mildenhall ...	1001·9	+1·4	NW	3	c/ps	36	85	6	5	-	-	7-8	7-8	1500	1005·0	+1·8	NNW	4	cz$_o$	35	85	6	5	-	-	7-8	7-8	1500	3	*	bccs$_o$m$_o$	css$_o$m$_o$	cm$_o$s$_o$bm$_o$	bm$_o$
	Cranwell ...	1002·6	+1·8	WNW	4	bcz$_o$	34	85	5	-	3	-	0	2-3	-	1006·5	+2·2	NNW	4	b	32	95	7	-	4	-	0	1	-	8	*	b-cs$_o$ss$_o$b	b-cpsb	bm$_o$x	bm$_o$x
3	Birmingham ...	1004·8	+2·0	NNW	4	cm	35	65	4	6	-	-	9+	9+	1500	1009·0	+3·0	NW	3	bcz$_o$	35	65	5	5	-	-	2-3	2-3	2500	1	*	ps$_o$c	bc	bcbx	bxm
	Upper Heyford	1004·1	+1·0	WNW	5	c	37	75	7	8	7	-	7-8	7-8	1500	1008·7	+3·0	NW	3	bz$_o$	34	75	6	-	-	-	0	0	-	1	*	bcxc	cs$_o$s$_o$bcb	bbcm$_o$	bcbm
4	Ross-on-Wye	1005·8	+1·0	NW	4	bc	39	55	8	7	-	-	4-6	4-6	4000	1009·6	+3·4	N	1	bc	35	65	8	5	-	-	Tr	Tr	4000	1	*	bc	bcyb.	b	bbcxb
5	Portland Bill ...	1005·6	+6	N	5	bc	43	75	8	1	-	-	4-6	4-6	2500	1009·5	+2·4	NNW	4	bc	40	85	8	4	-	-	2-3	2-3	2500	0	3	bc	bc	bcc	c
	Plymouth ...	1008·5	+6	NW	4	bc	42	55	8	1	-	-	2-3	2-3	4000	1012·2	+2·2	NNW	3	bcz$_o$	40	55	6	8	-	-	2-3	2-3	2500	1	1	bcph$_o$by	bcbz$_o$y	bybcz$_o$x	bcz$_o$xc
	The Lizard ...	1008·9	+1·2	NW	5	bc	43	55	8	2	-	-	4-6	4-6	2500	1012·8	+2·4	NW	3	bc	36	65	8	8	-	-	2-3	2-3	2500	1	2	bcy	bc	bcc	c
	Scilly (St. Mary's)	1012·1	+6	N'E	5	bc	44	65	8	2	-	-	4-6	4-6	2500	1013·9	+3·8	NE	4	bc	40	55	8	1	-	5	2-3	4-6	4000	1	2	bc	bcy	bcc	c
	Guernsey ...	1007·7	+1·8	NW	4	bc	43	55	9	2	-	-	4-6	4-6	2500	1010·5	+2·0	NNW	5	bc	42	65	8	2	-	-	4-6	4-6	2500	1	3	phrbc	bcc	bc	bcc
6	Pembroke ...	1008·4	+6	N'W	5	bcq	46	75	7	7	7	-	4-6	4-6	2500	1011·3	+1·6	N	3	bc	38	75	7	8	6	-	2-3	4-6	2500	1	2	bcq	bcq	bcc	c
7	Holyhead ...	1007·3	+2·2	N	5	cjp	40	75	8	2	-	3	7-8	7-8	2500	1010·4	+2·0	NNW	5	bcjp	40	55	8	2	-	-	4-6	4-6	2500	1	3	bcphrhc	cbcc	ybc	bcbbc
	Chester (Sealand)	1006·1	+2·2	NNW	6	bc	41	65	7	8	7	-	4-6	4-6	2500	1010·1	+3·0	NWN	3	b	36	65	6	2	-	-	1	1	2800	1	*	cprsfc	bcbm$_o$	bm$_o$x	bmx
8	Manchester ...	1005·3	+2·6	NNW	5	bcz$_o$	37	65	6	5	-	2	1	4-6	1500	1008·2	+2·4	NW	3	bz$_o$	33	75	5	7	-	-	Tr	Tr	4000	1	*	bm$_o$cbc	bcbz$_o$	bz$_o$mx	bmx
10	Spurn Head ...	1000·6	+6	NW	6	bc	37	75	7	5	1	-	2-3	4-6	2500	1004·1	+1·6	NNW	7	c	35	95	7	3	2	-	4-6	7-8	2500	6	6	bc	bccssc	cbcb	bbc
	Catterick ...	1003·4	+2·4	N	4	c	36	75	7	2	7	1	1	9	4000	1008·2	+2·8	NNW	4	b	33	65	7	-	-	-	0	0	-	6	*	os$_o$s$_o$mqc	cbcb.	b	b
	Tynemouth ...	1001·8	+2·0	NNW	4	c	35	95	6	9	-	-	7-8	7-8	1500	1005·0	+2·6	NNW	4	bc	34	75	6	2	-	-	2-3	2-3	2500	8	3	bcssc	cbc	bc	bc
11	Inchkeith ...	1006·2	+2·0	NW	3	c	35	75	8	5	4	-	4-6	7-8	2500	1008·9	+1·0	NW	3	b	33	65	8	5	-	-	1	1	4000	4	2	oc	cbcb.	bbcb	bbc
	Leuchars ...	1005·3	+2·6	NW	3	bc	36	65	8	1	4	-	1	2-3	4000	1008·1	+1·4	NW	4	b	32	65	8	1	-	-	Tr	Tr	2500	1	*	cxbcb	byb.	bx	bx
12	Rentrew (Abbotsl.)	1007·7	+2·6	NNW	3	bc	38	65	9	8	-	-	2-3	2-3	4000	1010·5	+2·2	NE	2	b	29	75	7	4	-	-	Tr	Tr	4000	4	*	bcxv	bcvbx	bx	DX
	Eskdalemuir ...	1005·2	+2·6	NNW	6	b	34	65	8	1	-	-	1	1	2500	1009·8	+2·4	NWN	3	b	28	65	8	4	-	-	Tr	Tr	2500	4	*	cs$_o$bx	bbx	bx	bx
	Point of Ayre ...	1007·5	+1·2	N	5	bc	40	65	8	2	-	-	2-3	2-3	2500	1010·6	+2·4	NE	4	bc	38	55	8	2	-	-	4-6	4-6	2500	1	3	bc	bc	bcbbc	bc
13A	Tiree	1009·6	+1·6	NW	5	bcjp	39	75	9	3	-	-	4-6	4-6	2500	1011·5	+1·0	NNW	5	bc	36	75	8	2	6	3	4-6	4-6	2500	0	3	prsq	bcjp	bcx	bcbx
13B	Stornoway ...	1008·4	+2·0	N	5	bc	32	85	8	8	7	-	4-6	4-6	1500	1010·7	+1·6	N	2	c	30	95	7	8	7	-	7-8	7-8	1500	7	1	bcph$_o$q	bccphsq	cbcps$_o$	bccps$_o$
15	Dalwhinnie ...	1007·6	+2·4	NE	2	c	29	95	7	4	6	-	4-6	10	2500	1009·9	+2·0	NE	1	bc	24	85	7	4	6	-	2-3	4-6	2500	8	*	isc	cbc	*	bcc
	Aberdeen ...	1003·3	+2·4	NWN	5	bcjp	35	75	8	9	-	-	2-3	2-3	800	1006·6	+1·4	NWN	3	bc	30	95	8	9	-	-	2-3	2-3	1500	8	2	bqcps	bcqps	bcps$_o$b	cpsb
	Wick ...	1003·6	+1·2	NW	5	c/ps	33	95	8	8	4	-	7-8	9	1500	1006·1	+1·4	NW	5	c	33	95	8	8	6	-	4-6	7-8	1500	8	3	cpsc	cpsq	cpsq	cpsq
16	Lerwick ...	999·4	+1·4	NNW	5	bc	34	95	8	8	7	-	4-6	4-6	1500	1002·5	+1·6	NNW	7	c	32	95	8	9	7	-	4-6	7-8	1500	6	*	cpsbc	bcc	bcps$_o$	bc
17	Blacksod Point	1013·3	+1·0	NEN	2	bc	42	75	8	2	-	-	2-3	2-3	2500	1013·5	0	SE	2	bc	38	75	8	2	-	-	2-3	2-3	1500	0	2	bc.	bc		prsq
18	Malin Head ...	1010·7	+0·8	N'W	5	bc	40	65	8	2	-	-	2-3	2-3	1500	1012·1	+1·0	NNW	3	bc	38	65	8	2	-	-	2-3	2-3	1500	0	3	bcy	bcy	bcjp	cbc
	Aldergrove ...	1009·7	+1·6	NNW	3	psh	37	65	8	8	-	-	4-6	4-6	2500	1012·7	+1·4	-	0	bc	33	75	8	8	4	-	2-3	2-3	2500	1	*	ps$_o$bcps$_o$	bcqpsbc	bcbx	bcbx
19	Birr Castle ...	1012·6	+1·2	WN	1	b	40	75	8	-	-	-	0	0	-	1013·7	+0·4	N	1	bc	30	85	8	5	4	-	2-3	2-3	2500	1	*	b	bbc	bcc	cx
20	Valentia Obsy. †	1014·2	+0·6	WS	1	bc	44	65	9	8	-	2	4-6	4-6	2500	1013·8	-0·2	ESE	2	c	38	55	9	5	1	-	2-3	10	2500	1	1	bcxbc	bccv	cvc	c
	Roches Point	1013·5	+0·6	N'W	3	b	41	75	59	7	-	1	0	1	-	1013·3	+0·2	NE	2	bc	37	65	8	5	-	1	2-3	4-6	2500	1	2	b	bbc	bfxcx	bce

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{10}$ of the sky.
"9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

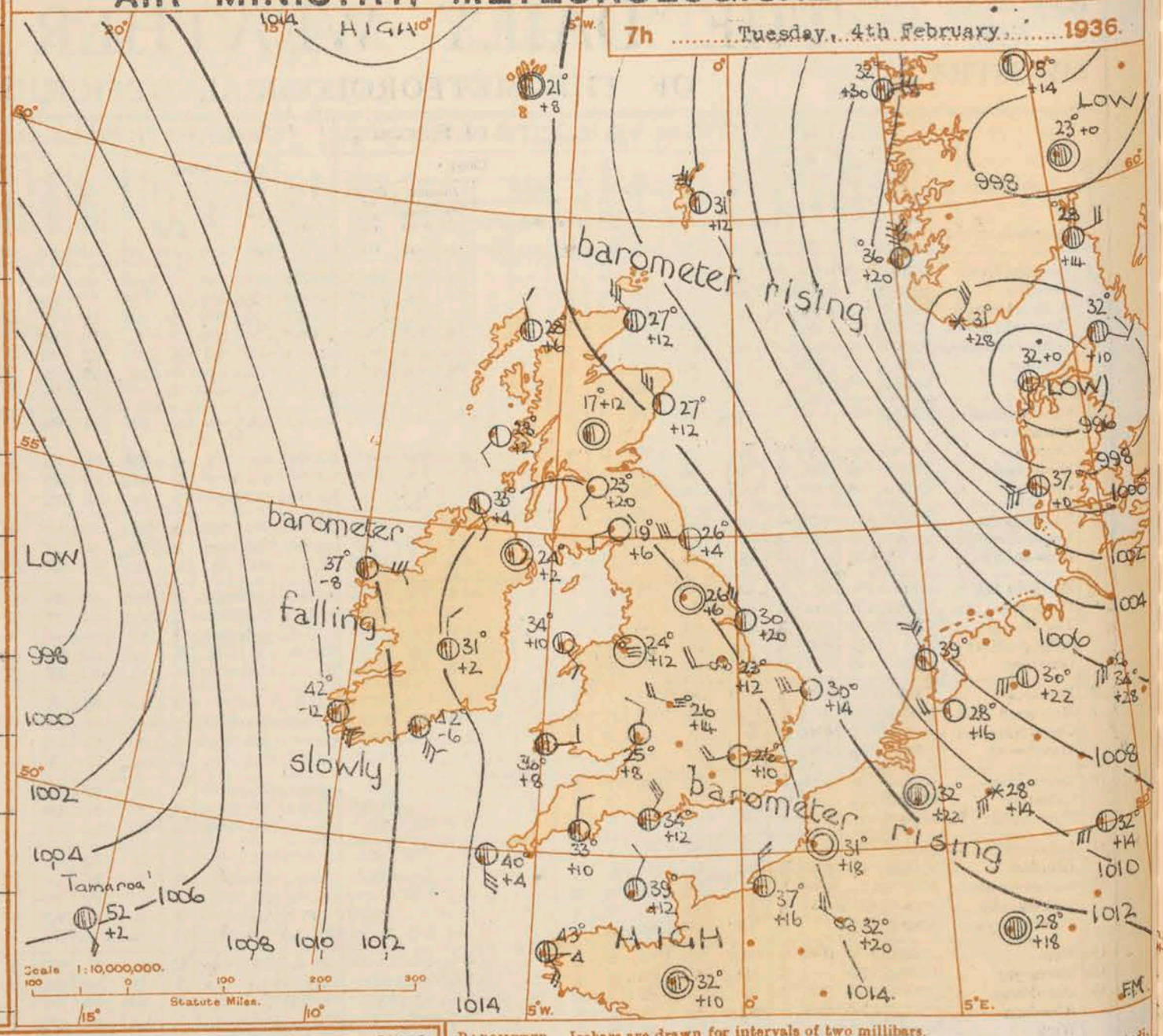
REPORTS from HEALTH RESORTS for 3rd February 1936

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 2nd to 9h. 3rd.	Temperature. Max. 9h.—17h. ...3rd...	Rainfall. Night. 17h. 2nd to 9h. 3rd	Rainfall. Day. 9h.—17h. ...3rd...	Sunshine. Sunrise to Sunset. ...3rd...
1	Tunbridge W.	bbc	cpsbc	32	39	0·3	Trace	4·1
	Bournemouth	b	b	32	44	0·3	–	8·2
	Ventnor ...	xb	bcu	33	44	–	–	7·2
	Southsea ...	b	bbc	34	42	1	–	7·8
	Bognor Regis	bbc	bcs_2c	32	42	3	Trace	6·6
	Littlehampton	bbc	bc	32	43	3	–	7·2
	Worthing ...	b	bcbbc	33	41	1	–	6·2
	Brighton ...	b	b	34	41	Trace	–	6·5
	Eastbourne†	b	$bbcs_2pb$	34	42	1	Trace	6·0
	Hastings† ...	bbc	bcc	33	43	1	–	4·8
	Folkestone ...	bcm_2c	cisb	34	41	2	Trace	4·0
	Dover... ...	mbbcc	mcpsb	34	40	2	0·1	3·3
	Deal	b	cs_2oc	34	40	1	Trace	4·4
	Ramsgate ...	bm	bccpsc	35	41	1	Trace	4·8
	Margate ...	bc	$bccs_2$	36	39	Trace	Trace	4·6
2	Southend ...	bmbcc	cs_2mb	32	40	1	Trace	4·5
	Maldon ...	bbc	bcc	34	38	–	–	3·6
	Clacton-on-Sea	bc	cpsbc	31	39	–	Trace	5·2
	Dovercourt ...	bcb	bcsbc	33	38	–	Trace	5·6
	Lowestoft ...	trcbc	b	32	(39)	1	–	7·6
	Skegness ...	xbc	bcos	31	38	Trace	2	5·9
	Mablethorpe	x'bcm	bccosm	29	38	1	1	5·2
	Cleethorpes ...	bcms	cos	30	38	0·1	1	5·5
3	Leamington S.	oc	cosc	30	38	0·5	0·2	2·5
4	Cheltenham†	xcsbc	bbcb	28	40	–	Trace	5·0
5	Bath	b	bbc	31	42	0·3	–	7·0
	Weymouth ...	b	b	33	45	–	–	8·7
	Jersey ...	rcbc	cpcbc	40	45	1	0·2	6·6
	Torquay ...	b	bbcpb	35	45	–	Trace	7·8
	Penzance ...	bcbb	b	40	46	–	–	8·2
	St. Ives ...	c	ab	41	44	–	–	6·2
	Bude	bc	bc	34	43	–	–	5·0
	Ilfracombe ...	cbc	bbc	40	43	–	–	4·8
6	Aberystwyth	cr	cbc	36	42	1	–	3·7
7	Llandudno ...	bc	bc	36	42	1	–	2·8
	Colwyn Bay...	bcbbc	bcbcb	34	41	0·5	Trace	2·7
	Rhyl	bcbs	bcb	37	41	1	Trace	4·9
8	Wallasey ...	bcb	bbc	35	40	Trace	–	6·9
	Southport‖ ...	bbcb	b	34	40	–	–	6·8
	Blackpool ...	cbc	bcc	34	39	0·5	–	7·1
	Morecambe ...	bcbcb	b	31		1	–	6·2
9	Ilkley... ...	bccsb	cbcbc	27	38	–	1	4·6
	Harrogate ...	bbcps	b	28	37	0·1	1	5·1
10	Berwick-on-T.	oc	bc	30	40	1	–	3·1
11	Dunbar ...	bcps	bc	30	37	0·3	Trace	3·4
12	Troon... ...	xbubc	bbcbb	33	43	–	–	5·9
	Douglas ...	bc	bcx	34	40	1	–	7·1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Tuesday, 4th February, 1936.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 4th February, 1936
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light variable wind, finally southeast; fair; increasing high cloud; local fog night and morning; cold, night frost.
5 S.W. England 6 South Wales ...	Light to moderate or fresh southeast wind; cloudy, rain spreading northeast slowly; temperature rising slowly.
7 North Wales ...	Light or moderate southeast wind; cloud increasing, slight rain spreading northeast later; temperature rising slowly.
8 N.W. England 9 N. Midlands ... 10 N.E. England	As 0 - 4.
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	Light variable wind; fair; local valley fog; cold, severe frost night and morning.
16 Orkneys and Shetlands	Fresh northwest wind, falling light; snow showers, fair later; cold.
17 N. W. Ireland	As 5.
18 N. E. Ireland	As 6 - 7.
19 S. E. Ireland 20 S. W. Ireland	Fresh southeast wind, veering and moderating later; dull, some rain; milder.

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

GENERAL INFERENCE.

A ridge of high pressure is crossing the British Isles. A depression on the Atlantic is almost stationary and a trough extending to Northwest Spain is moving slowly northeast. Weather will be mainly fair with local fog. Rain will spread slowly over southwest districts.

FURTHER OUTLOOK.

Rain spreading northeast slowly; perhaps snow in the North at first; temperature rising slowly generally.

Forecasts issued at 1000 G.M.T.

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

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

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

Morning of

TUESDAY,
4TH FEBRUARY

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 4th February, 1936.

No. 27102

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

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	1011·8	+22	W'N	3	b	30	85	8	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1010·8	+28	NNW	4	b	31	85	6	-	-	-	0	0	-
	Manston ...	142	1010·0	+26	NW	5	bcq	34	75	7	-	-	8	0	2·3	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1008·3	+18	NW	4	bc	34	95	7	3	-	-	4-6	4-6	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1012·9	+12	NW	4	c	36	85	8	4	-	-	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1015·1	+4	NNW	2	c	37	65	8	5	1	-	7-8	10	2500
	Scilly (St. Mary's)	163	1015·3	+4	-	0	c	39	65	8	5	5	-	4-6	7-8	2500
	Guernsey ...	175	1013·5	+6	NNW	1	bc	39	75	8	2	-	-	4-6	4-6	2500
6	Pembroke ...	142	1014·0	+14	NNW	2	c	39	65	8	5	1	-	4-6	10	2500
7	Holyhead ...	26	1013·4	+8	N	3	bc	38	65	9	2	6	-	2-3	2-3	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1009·4	+36	NW	6	b	32	85	7	-	-	-	0	0	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1010·5	+16	NW	3	bc	28	85	7	2	-	-	2-3	2-3	2500
11	Inchkeith ...	190	1011·8	+16	NW	3	b	31	85	8	-	-	-	0	0	-
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1013·4	+12	N'E	3	b	36	65	8	2	-	-	1	1	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1011·9	+6	WNW	2	bc	29	95	8	8	-	-	4-6	4-6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	~~1008·4~~ 1001·4	+12	NW	4	ps	31	95	7	8	6	-	4-6	7-8	1500
16	Lerwick ...	156	1006·2	+14	NNW	6	bc	30	95	7	8	3	-	4-6	4-6	1500
17	Blacksod Point	18														
18	Malin Head ...	52	1014·0	+6	WNW	1	cjp	34	95	7	3	6	-	7-8	7-8	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1012·3	-2	SE'E	3	o	39	75	8	5	-	-	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1015·1	+12	W	1	b z_0	28	55	5	-	-	-	0	0	-	4	*
1014·8	+10	WSW	2	b	26	75	6	-	-	-	0	0	-	1	*
1015·8	+18	WNW	1	bc	25	95	6	-	-	4	0	2·3	-	4	*
1016·1	+14	W	1	b	26	85	7	-	-	1	0	1	-	4	*
1015·4	+18	W'N	2	b	28	95	7	5	-	-	1	1	4000	4	1
1014·2	+14	N'W	4	b z_0	27	85	6	-	-	-	0	0	-	6	§ 1
1013·4	+14	NW	3	bc z_0	31	75	6	5	-	-	2·3	2·3	1500	1	*
1014·0	+16	NNW	1	b	28	85	7	-	-	-	0	0	-	4	*
1012·1	+14	W'N	3	bc	30	95	6	8	-	-	4-6	4-6	2500	7	2
1013·9	+12	WNW	1	b z_0	25	85	6	-	-	-	0	0	-	1	*
1014·0	+12	W'N	2	b z_0	23	85	6	-	-	-	0	0	-	8	*
1015·7	+14	WNW	2	b m	26	85	4	-	-	1	0	1	-	4	*
1015·8	+14	NW	2	bc z_0	26	85	5	-	7	1	0	2·3	-	1	*
1015·5	+8	NE	1	b	25	95	7	-	-	1	0	1	-	4	*
1015·0	+12	NE	3	c	34	95	8	4	4	-	4-6	7-8	2500	1	3
1015·8	+10	N'E	1	c	33	85	8	5	-	-	9+	9+	1500	1	1
1014·8	0	ESE	1	c	38	75	8	4	2	-	7-8	10	2500	1	2
1014·7	+4	S	3	c	40	65	8	5	-	-	7-8	7-8	2500	1	1
1014·1	+12	NNE	1	c	39	75	9	5	1	-	7-8	9	2500	1	1
1014·6	+4	E	1	c	36	85	7	5	2	-	2-3	9+	2500	1	1
1014·8	+10	SSE	1	bc	34	75	9	2	-	6	4-6	4-6	2500	1	2
1015·7	+12	-	0	bm	24	95	4	5	-	-	Tr	Tr	4000	4	*
1015·3	+16	SW/S	1	bm	23	95	4	-	-	-	0	0	-	4	*
1012·4	+20	NW	5	bc	30	95	7	-	2	-	0	2·3	-	4	4
1013·7	+6	-	0	b	26	65	8	-	-	-	0	0	-	4	*
1012·8	+4	W	3	bc	26	95	7	5	-	-	4-6	4-6	1500	8	2
1013·8	+16	SW	3	bc	29	95	8	5	-	-	2·3	2·3	2500	4	2
1013·4	+8	WNW	3	b	27	75	8	-	-	-	0	0	-	4	*
1014·0	+12	SW	1	b	23	85	8	-	-	-	0	0	-	4	*
1014·9	+6	WSW	1	b	19	85	9	-	-	-	0	0	-	4	*
1014·3	+6	N'E	2	b	35	55	8	4	-	-	1	1	2500	4	1
1013·1	+12	SW	1	b	28	95	8	5	-	-	1	1	4000	4	1
1012·7	+6	NNW	1	c	28	95	8	8	7	-	4-6	7-8	1500	7	1
1013·8	+12	-	0	c	17	85	8	4	6	-	4-6	9+	2500	8	*
1011·6	+12	NW	3	b	27	75	8	3	-	-	1	1	800	8	2
1011·2	+12	NW	3	c	27	95	8	8	6	-	4-6	7-8	1500	8	2
1008·6	+12	NNW	6	bc	31	85	7	8	-	-	4-6	4-6	1500	6	*
1011·5	-8	E	4	c	37	85	8	-	7	-	0	9	-	1	3
1013·8	+4	SSE	1	bc	33	85	7	4	-	-	4-6	4-6	1500	4	1
1015·0	+2	-	0	c	24	95	7	-	7	-	0	7-8	-	4	*
1014·2	+2	N	1	c	31	95	8	5	-	-	9+	9+	2500	4	*
1010·4	-12	SE'E	5	c	42	75	8	5	7	-	7-8	10	2500	1	4
1012·3	-6	SE	4	c	42	75	8	5	-	-	9	9	1500	1	3

PAST 24 HOURS.

Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 3rd Hrs. (36)
40	27	15	Tr.	Tr	~~3·9~~ 4·1
38	26	20	Tr.	-	3·3
41	23	18	-	Tr	5·9
41	26	25	-	-	6·8
42	27	20	-	-	8·1
39	27	21	0·1	0·2	4·6
40	31	26	Tr.	0·5	4·5
40	27	22	Tr.	Tr	5·3
39	30	29	1	3	6·6
38	25	22	1	0·2	4·0
35	21	15	3	-	2·5
37	25	14	Tr.	-	3·9
37	25	19	0·1	-	*
41	25	12	-	-	7·8
43	32	*	-	-	*
44	32	23	Tr.	-	7·5
44	34	*	-	-	*
45	37	*	-	-	6·3
44	37	29	0·5	-	6·4
42	36	*	-	-	6·8
41	33	28	1	-	3·1
41	24	20	Tr.	-	5·7
38	22	13	-	-	5·4
37	29	*	7	-	4·8
36	26	17	0·4	-	3·8
37	25	~~25~~ 23	~~2·4~~ 2·2	-	3·0
37	28	24	-	-	6·7
38	27	22	-	-	6·2
39	23	16	-	-	6·1
35	17	13	Tr.	-	7·5
40	35		-	-	7·3
40	27	19	Tr.	-	6·0
34	25	*	0·1	0·4	3·5
33	15	8	0·1	-	2·6
35	26	19	1	0·4	4·1
35	24	*	2	2	*
35	29	*	0·4	Tr	3·2
43	35	*	Tr.	0·6	*
41	31	*	-	-	5·3
39	21	17	0·2	-	5·3
40	27	18	-	-	6·3
44	37	33	Tr.	-	6·4
42	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. % (To-day.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	bmxcz$_y$	cbcm$_0$	bcm$_8$x	40	27	15	Tr	Tr	3·9	•	•	5
Croydon	217	bcz$_0$ps$_0$	cbccls$_0$	cbmbx	38	26	20	Tr	-	3·3	•	•	4
Greenwich (Royal Observatory) ...	149	bcs$_0$m$_4$	cbcm$_0$	cbxf	38	27	22	Tr	-		63	84	3
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	2·5	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	40	27	26	-	-	2·8	53	76	•
Regents Pk. (Botanic Gardens)† ...	168	•	•	•	38	27	21	Tr	-	4·2	58	73	•
Camden Square	110	xbcpsc	cbcc	•	38	28	18	Tr	-	•	•	83	•
Kensington	80	bccosbc	bccors	•	39	28	18	Tr	-	3·7	At 18h. 83	70	•
Hampstead Observatory	450	bcp	bc	bcx	37	24	12	Tr	-	4·5	•	97	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
1·0	18-20h 3rd.	0·3	1-2 hrs 4th

Kew Observatory.

Max.	Time.	Min.	Time.
0·5	7 hrs 4th.	0·2	11 hrs 3rd

FOREIGN OBSERVATIONS.

18h. G.M.T. 3rd February. 7h. G.M.T. 4th February.

Stations.	18h. Barom. mb.	18h. Wind. Direc.	18h. Wind. Force.	18h. Weather.	18h. Temp. °F.	7h. Barom. mb.	7h. Wind. Direc.	7h. Wind. Force.	7h. Weather.	7h. Temp. °F.
Paris	1006·7	WNW	4	bc/ps	34	1013·8	WNW	2	bcz.	32
Brussels	1003·0	NW	1	b	32	1010·8	-	0	o	32
Berlin	993·6	W	2	c	39	1004·3	W	3	o	39
Zürich	1004·2	WSW	3	c/s	34	1011·0	NW	2	S_0S_0	30
Rome	989·9	N	5	c	52					

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
41	37	0·2	Tr
41	28	2	0·6
39	39	2	-
43	28	5	1
•		2	

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 5th February, 1936.

No. 27103

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

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 3rd Hrs. (36)
1	London (Kew)	1017·7	+ 5	NNW	2	b	36	55	6	–	–	–	0	0	–	4·1 3·9
	Croydon ...	1017·4	+ 6	W'N	2	b z_o	37	65	5	–	–	1	0	tr	–	3·3
	S. Farnborough	1017·9	+ 4	WNW	2	b	39	45	7	–	–	1	0	1	–	5·9
	Boscombe Down	1018·4	+ 6	NW'N	1	bc	38	45	7	1	–	1	2-3	2-3	2500	6·8
	Calshot (Sthmtn.)	1018·4	+12	WNW	1	bc	38	75	7	5	5	–	1	2-3	4000	8·1
	Lympne ...	1017·3	+10	NW'N	3	b z_o	35	55	6	–	–	–	0	0	–	4·6
	Manston ...	1017·1	+10	WNW	3	b	37	55	7	–	–	–	0	0	–	4·5
2	Shoeburyness ...	1017·3	+12	WNW	2	b	37	65	6	–	–	–	0	0	–	5·3
	Felixstowe ...															
	Gorleston ...	1015·9	+14	W'N	3	bc	37	75	6	8	–	–	2-3	2-3	2500	6·6
	Mildenhall ...	1017·1	+14	NW'N	2	b z_o	36	66	6	–	3	–	0	tr	–	4·0
	Cranwell ...	1016·8	+10	W'N	1	b z_o	33	85	6	–	–	4	0	1	–	2·5
3	Birmingham ...	1017·3	+ 8	W	2	bc m	35	65	4	–	1	–	0	2-3	–	3·9
	Upper Heyford	1018·3	+ 6	WNW	3	bc	35	55	7	5	7	5	tr	4-6	2500	*
4	Ross-on-Wye	1017·5	+ 6	SW'N	2	bc	39	55	7	1	7	4	tr	4-6	4000	7·8
5	Portland Bill ...	1018·3	+12	E	3	c	40	65	8	4	4	–	7-8	10	2500	*
	Plymouth ...	1017·7	+ 6	E'S	2	c	41	66	8	1	7	–	1	9+	5700	7·5
	The Lizard ...	1016·2	0	SE'S	3	c	44	55	8	4	–	–	9	9	2500	*
	Scilly (St. Mary's)	1015·8	– 2	S	4	p_o	45	75	8	8	7	–	7-8	9+	1500	6·3
	Guernsey ...	1017·3	+10	ESE	1	c	43	55	7	5	3	–	2-3	7-8	2500	6·4
6	Pembroke ...	1015·5	+ 6	SSE	4	c q	41	65	8	8	3	–	7-8	9+	2500	6·8
7	Holyhead ...	1016·0	+ 4	SSE	3	c	41	75	9	7	4	6	2-3	7-8	4000	3·1
	Chester (Sealand)	1016·8	+ 4	NW	2	b	39	55	7	1	5	1	tr	1	2500	5·7
8	Manchester ...	1017·0	+ 2	SW'W	2	b f-	35	65	3	–	–	–	0	0	–	5·4
10	Spurn Head ...	1015·9	+16	NW	4	bc	35	85	7	–	7	–	0	2-3	–	4·8
	Catterick ...	1016·6	+10	N'W	1	b	35	55	8	–	3	–	0	1	–	3·8
	Tynemouth ...	1014·9	+ 6	W	2	bc	34	95	6	2	–	–	2-3	2-3	2500	3·0
11	Inchkeith ...	1015·3	+10	SW	3	bc z_o	30	85	6	5	–	–	4-6	4-6	800	6·7
12	Leuchars ...	1015·5	+ 6	WNW	3	bc	35	55	8	1	–	5	tr	2-3	4000	6·2
	Renfrew (Abbots I.)	1015·7	+ 2	WSW	1	bc z_o	38	55	5	1	–	2	tr	2-3	4000	6·1
	Eskdalemuir ...	1016·1	+ 6	WSW	1	bc	34	55	8	–	–	6	0	2-3	–	7·5
	Point of Ayre ...	1016·3	+ 6	S'E	2	bc	42	55	8	1	6	–	2-3	4-6	4000	7·3
13A	Tiree	1014·1	0	S'E	3	c	40	65	9	8	3	6	2-3	9+	4000	6·0
13B	Stornoway ...	1014·1	+ 4	SW	3	bc	33	85	8	2	7	4	2-3	4-6	2500	3·5
15	Dalwhinnie ...	1015·1	+ 6	SW	2	bc	32	95	8	4	6	–	2-3	4-6	2500	2·6
	Aberdeen ...	1014·0	+12	NW'N	3	b	33	65	8	3	4	–	tr	tr	1500	4·1
	Wick ...	1013·3	+10	W	2	bc	30	85	8	8	6	–	2-3	2-3	2500	*
16	Lerwick ...	1011·3	+ 8	NW	3	bc jp	32	75	8	8	7	–	4-6	4-6	1500	3·2
17	Blacksod Point	1009·6	–12	ESE	5	c	36	95	8	9	–	–	10	10	1500	*
18	Malin Head ...	1014·4	0	SSE	3	c	37	65	8	8	3	1	2-3	9	2500	5·3
	Aldergrove ...	1015·3	0	SE'S	1	c	37	65	8	–	7	1	0	7-8	–	5·3
19	Birr Castle ...	1013·7	– 6	SE	1	l_o	38	75	7	5	–	–	10	10	2500	6·3
20	Valentia Obsy. †	1010·1	+ 2	SE	5	l_o	46	85	8	5	–	–	9r	9+	1500	6·4
	Roches Point	1013·6	– 4	S'E	4	l_o	45	85	8	6	–	–	10	10	1500	*

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1019·8	+12	W'N	1	b m	33	65	4	–	–	–	0	0	–	4	*
	Croydon ...	1019·2	+14	W'S	1	b m	31	75	4	–	–	1	0	1	–	4	*
	S. Farnborough	1019·6	+16	W	1	bc	29	65	6	–	5	1	0	4-6	–	4	*
	Boscombe Down	1019·4	+8	S	1	bc	33	65	7	–	7	–	0	2-3	–	1	
	Calshot (Sthmtn.)	1019·6	+10	–	0	bc	31	75	7	–	4	–	0	2-3	–	0	0
	Lympne ...	1019·7	+16	NW'N	2	b m	31	75	4	–	–	–	0	0	–	6	§ 1
	Manston ...	1019·2	+18	NW'N	3	b z_o	34	55	6	–	–	–	0	0	–	1	*
2	Shoeburyness ...	1019·2	+16	W'N	1	b	31	75	6	–	–	–	0	0	–	1	*
	Felixstowe ...																
	Gorleston ...	1017·7	+12	W	2	bc	33	85	6	5	–	–	2-3	2-3	2500	1	2
	Mildenhall ...	1018·7	+10	–	0	bz $_o$	30	85	6	–	1	–	0	2-3	–	4	*
	Cranwell ...	1018·6	+ 6	–	0	bc z_o	25	85	5	5	3	–	4-6	4-6	4000	8	*
3	Birmingham ...	1018·8	+ 6	SW	2	bc	33	75	5	5	3	–	4-6	4-6	4000	4	*
	Upper Heyford	1019·7	+14	W'S	2	bc	31	75	7	–	7	–	0	2-3	–	1	*
4	Ross-on-Wye	1018·7	+10	W'S	1	c	35	75	6	5	–	–	9+	9+	4000	1	*
5	Portland Bill ...	1019·0	+6	E	2	bc	39	75	8	4	4	–	2-3	4-6	2500	1	2
	Plymouth ...	1017·8	+4	S	3	c z_o	43	65	8	7	7	–	4-6	9	5700	1	2
	The Lizard ...	1016·6	+4	SE'S	4	c	43	65	8	8	2	–	7-8	9+	2500	1	2
	Scilly (St. Mary's)	1015·5	+4	S	5	c	46	75	8	8	7	–	9	10	2500	1	3
	Guernsey ...	1018·4	+10	–	0	bc	40	75	7	1	7	–	2-3	4-6	2500	1	2
6	Pembroke ...	1015·1	+2	S'E	5	c q	42	65	7	5	2	–	4-6	10	2500	1	2
7	Holyhead ...	1016·5	+6	SE'S	3	r_o	39	75	8	5	7	–	4-6	10	2500	1	1
	Chester (Sealand)	1018·4	+12	–	0	c z_o	33	65	6	–	3	–	0	7-8	–	1	*
8	Manchester ...	1018·6	+14	NW	1	bm	28	85	4	–	3	–	0	tr	–	4	*
10	Spurn Head ...	1017·4	+12	NW	4	bc	34	85	7	–	7	–	0	2-3	–	4	3
	Catterick ...	1018·1	+10	W'N	1	bc	28	75	8	–	4	8	0	2-3	–	4	*
	Tynemouth ...	1017·1	+10	W	2	bc	33	95	6	4	–	1	2-3	2-3	4000	8	2
11	Inchkeith ...	1016·3	+6	SW	3	bc m	34	85	4	5	–	–	4-6	4-6	800	4	2
12	Leuchars ...	1016·9	+16	W	1	bc	29	85	8	5	–	4-5	1	2-3	4000	4	*
	Renfrew (Abbots I.)	1017·0	+10	–	0	c m	31	85	4	4	–	8	2-3	7-8	4000	4	*
	Eskdalemuir ...	1018·5	+16	NNW	2	c	24	85	6	–	3	6	0	7-8	–	4	*
	Point of Ayre ...	1017·1	+6	SW	3	c	37	75	8	2	7	–	2-3	10	2500	1	1
13A	Tiree	1014·5	+4	SE'S	3	c	34	75	9	4	3	6	1	9+	4000	4	1
13B	Stornoway ...	1015·0	+8	NW	2	bc	29	85	8	8	7	4	2-3	4-6	2500	7	1
15	Dalwhinnie ...	1017·3	+12	–	0	c	22	85	8	4	6	–	2-3	9+	2500	8	*
	Aberdeen ...	1016·0	+12	WNW	2	bc z_o	29	85	6	5	5	–	2-3	2-3	5700	8	1
	Wick ...	1014·9	+12	W	2	c	26	95	8	8	7	–	4-6	7-8	1500	8	2
16	Lerwick ...	1014·1	+14	N	3	bc	29	75	8	8	7	–	4-6	4-6	1500	6	*
17	Blacksod Point	1008·4	–10	ESE	4	c	40	95	8	5	–	–	10	10	800	1	3
18	Malin Head ...	1010·0	+4	SSE	2	c	36	75	7	6	2	–	7-8	9+	2500	4	1
	Aldergrove ...	1015·4	0	SE'S	2	o	35	75	6	5	–	–	10	10	2500	1	*
19	Birr Castle ...	1011·8	–6	SE	1	c	41	85	8	6	–	–	9+	9+	2500	1	*
20	Valentia Obsy. †	1010·8	+10	SSE	4	o	47	95	9	5	–	–	10	10	2200	1	3
	Roches Point	1012·5	+2	S'E	4	r_o	46	95	–	6	–	–	10	10	1500	1	4

PAST 24 HOURS.

Weather. 7h.–13h. (37)	Weather. 13h.–18h. (38)	Weather. 18h. 4th to 1h. 5th (39)	Weather. 1h.–7h. 5th (40)
bm $_o$ x bz $_o$	bz $_o$ bz $_o$	bc m x	cm $_o$ x
bxz	bxz y bz	cz bc m $_o$	cbc m $_o$ xc
bz $_o$ by	by bi $_{lo}$	bm $_o$ fxc	cm $_o$
bm $_o$ by	by ec	bc	bc
bxb	bbc y u	b x bcx	bcx bc
bm $_o$ xy	bz $_o$ y bx	bm $_o$ m c	bcbb u m x
b	by	by bu m c	bcm x
bm $_o$	bbm $_o$	bm $_o$ x	bm $_o$ x bc
bc	bcz $_o$	bz $_o$ z x	cz $_o$ z x
bm $_o$	bm $_o$	bm $_o$ x	bm $_o$ c m $_o$ x
bm $_o$ x	bz $_o$	bcc m $_o$	s $_o$ s $_o$ ss
bm	bbc	bcc	cb
bm $_o$ x bc	bcy	bcc bc m	bcc m $_o$
bx bc	bcy c	cm $_o$ oc	cbcc
c	cbc	c	c
c	cbc y z $_o$	cz $_o$ bcc	cid $_o$
cy	c	cpr $_o$ c	cpr $_o$ c
cp $_o$	cp $_o$ e	ir $_o$ ld	o u p $_o$ c
c	cbc	bcb	bc
cq	cqc	cqo	o qm $_o$ d r a
bcc ⊕	c	r $_o$ s $_o$ c	c
bcm ⊕	bcy	c	o s o s $_o$ s $_o$
bm ff x	bfb cz $_o$	cff	35f
bc	bc	bcc	cmf
b	byb	bbc	ops $_o$ o
bc	bc	bcm	bccm
bcz $_o$	z $_o$ z	czz	z $_o$ c
bx by	by bbc	bcx bc	bx bcx
bx m bc m y	bc m by c m	c m b f x	bfx cm $_o$
bxb	bbc m x	bccx	cx m $_o$
bc	bco	or $_o$ r r	rs r $_o$ r
bccv	cvbcc	c	c D
cuc	bc	bc	bc
≤	c	•	bc
u	bbcz $_o$	bcz $_o$ b	bx bm $_i$
epsbc	bcpsc	bc	bc
bcps	bc	bc	cbc
ir s	ir	pr $_o$ c	c
c	c	cshosh	cir $_o$
bc	bcxo	s $_o$ s $_o$ rr	ox o n r $_o$
cois $_o$	ois $_o$ c	cir $_o$ c	c
cv proid $_o$	proido	oid	c or r
cor r $_o$	dr r $_o$ p $_o$	o r o r $_o$	oid $_o$

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{10}$ of the sky.
"9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

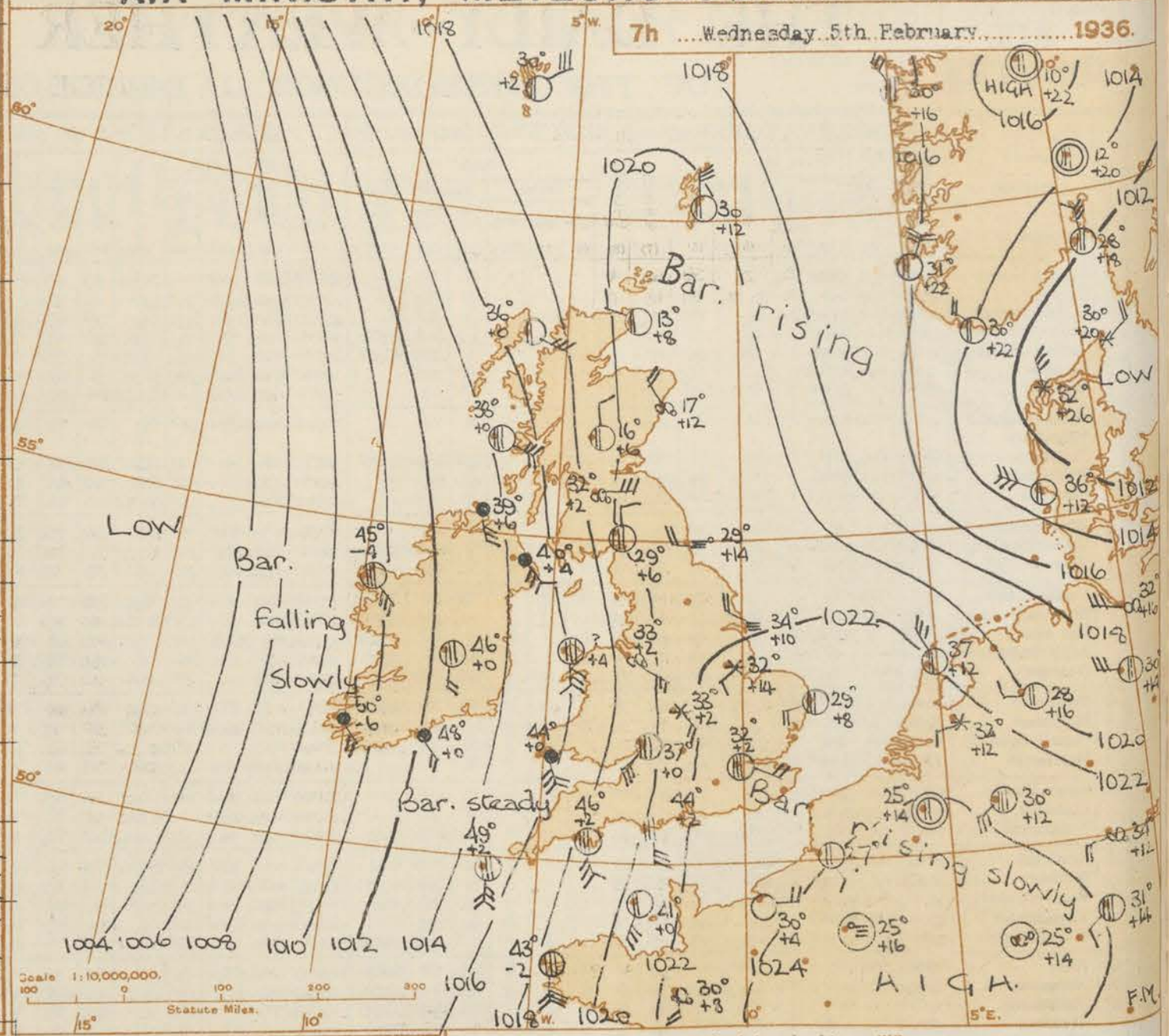
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 4th February 1936

Districts	Stations	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 3rd to 9h. 4th	Temperature. Max. 9h.—17h. 4th	Rainfall. Night. 17h. 3rd to 9h. 4th	Rainfall. Day. 9h.—17h. 4th	Sunshine. Sunrise to Sunset. 4th
1	Tunbridge W.	bmb	b	24	35	Trace	–	7·7
	Bournemouth	b	bbm	28	40	–	–	6·6
	Ventnor ...	xbz	bz.	30	42	–	–	8·0
	Southsea ...	b	b	29	39	–	–	8·0
	Bognor Regis	b	b	28	39	–	–	8·3
	Littlehampton	b	b	27	42	–	–	8·0
	Worthing ...	b	b	29	39	–	–	7·7
	Brighton ...	b	b	29	38	–	–	7·4
	Eastbourne†	b	b	29	40	–	–	8·3
	Hastings† ...	b	bc	28	39	–	–	7·3
	Folkestone ...	bxb	b	28	38	1	–	7·8
	Dover... ...	mb	mbe	29	41	4	–	8·1
	Deal	b	b	29	37	0·8	–	8·0
	Ramsgate ...	bm	bm	31	39	0·4	–	7·9
	Margate ...	bc	bc	33	37	0·2	–	7·8
2	Southend ...	bm	bm	27	39	0·4	–	8·0
	Maldon ...	xb	b	28	36	0·3	–	8·1
	Clacton-on-Sea	bxb	b	26	37	0·3	–	8·4
	Dovercourt ...	xb	b	27	36	–	–	8·0
	Lowestoft ...	isebc	b	27	37	4	–	7·8
	Skegness ...	b	bbcm	26	36	0·6	–	7·7
	Mablethorpe	xbcb	bbcm	26	36	–	–	7·8
	Cleethorpes ...	bm	bm	26	36	–	–	7·0
3	Leamington S.	bc	bc	25	38	–	–	5·3
4	Cheltenham†	bxmb	bcm	23	38	–	–	5·6
5	Bath	mb	bbcc	25	41	–	–	5·9
	Weymouth ...	bbc	c	27	43	–	–	3·4
	Jersey ...	bcc	cbc	38	44	–	–	2·2
	Torquay ...	bcmc	cbcz	31	43	–	–	1·3
	Penzance ...	c	c	35	48	–	–	1·1
	St. Ives ...	c	c	37	47	–	–	0·1
	Bude	c	o	31	42	–	–	0·4
	Ilfracombe ...	oz	czo	33	42	–	–	0·2
6	Aberystwyth	cbc	bbcc	28	40	–	–	4·6
7	Llandudno ...	cbc	bbcc	29	43	–	–	4·1
	Colwyn Bay..	bcb	bbcc	30	42	0·3	–	3·7
	Rhyl	xb	bbcc	26	41	Trace	–	5·3
8	Wallasey ..	mbcb	bbc	27	41	–	–	7·0
	Southport‖ ...	bbcb	bbcc	25	41	–	–	6·2
	Blackpool ...	c	bcc	26	40	–	–	5·4
	Morecambe ...	xbb	bbcm	23	38	–	–	6·2
9	Ilkley... ...	b	b	21	40	–	–	3·2
	Harrogate ...	b	b	24	37	–	–	7·9
10	Berwick-on-T.	b	b	25	37	–	–	7·2
11	Dunbar ..	bcmx	bcx	26	36	–	–	6·3
12	Troon... ...	xbxb	bbc	24	40	–	–	6·3
	Douglas ...	cbxbc	bccbc	37	41	–	–	4·1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 5th February, 1936
1 S.E. England 2 E. England ...	Light south or southeast wind, becoming moderate to fresh on coast later; cloudy, perhaps very slight occasional rain; becoming slowly milder.
3 E. Midlands ... 4 W. Midlands ...	Light to moderate southeast wind; cloudy, slight snow or sleet at first, occasional slight rain later; becoming slowly milder.
5 S.W. England 6 South Wales ... 7 North Wales ...	Moderate to fresh or strong southerly wind; dull, occasional rain or drizzle; milder.
8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	As 3 - 4.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. / B.N.W.Scotland.	Freshening southeast or south wind, strong on coast; dull, rain at times; snow inland at first; becoming slowly milder
14 Mid Scotland 15 N. E. Scotland	Wind becoming southeast light or moderate, cloud increasing, slight snow tonight, turning to sleet or rain tomorrow; becoming slowly milder.
16 Orkneys and Shetlands	Light variable to southeast wind; mainly fair; cold.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Moderate to fresh or strong southeast or south wind; dull; rain at times; mild.

GENERAL INFERENCE.

An anticyclone over Eastern France is intensifying and moving slowly east and a depression in Mid- Atlantic is spreading east slowly. Some precipitation will occur in most districts but amounts will be small over most of England and the Southeast may escape entirely. Temperature will rise slowly.

FURTHER OUTLOOK.

Rain at times in the West and North. Little or no rain in the Southeast. Mild generally for several days.

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.

Morning of

WEDNESDAY
5TH FEBRUARY

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

BRITISH SECTION

OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday, 5th February, 1936.

No. 27103

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1022·0	+1·4	SSW	3	bcz$_0$	27	85	6	-	3	-	0	4·6	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1022·7	+1·6	W'N	1	bm	28	75	4	5	-	-	1	1	4000
	Manston ...	142	1022·3	+1·2	-	0	cz$_0$	27	75	5	-	3	-	0	7·8	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1021·2	+1·4	W SW	2	b	2 8	95	6	-	-	-	0	0	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1021·4	+1·0	SE	3	c	42	65	8	2	-	-	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1017·6	+2	SSE	5	r$_0$r$_0$	45	95	7	5	2	-	9	10	1600
	Scilly (St.Mary's)	163	1016·6	0	S'W	5	id	46	95	6	5	-	-	10	10	1500
	Guernsey ..	175	1020·5	+0·6	SSE	2	bc	40	75	7	-	3	-	0	2-3	-
6	Pembroke ...	142	1015·8	+0·6	S	5	o/c	45	75	7	5	-	-	10	10	2500
7	Holyhead ...	26	1016·0	- 0·6	SE'E	4	o/r	38	85	7	5	-	-	10	10	2500
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1020·6	+1·0	WN	2	c	31	95	7	5	7	-	4-6	7-8	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1019·1	+4	SW'	2	bc m	30	95	4	5	-	-	4-6	4-6	1500
11	Inchkeith ...	190	1019·8	+0·6	W	1	cz$_0$	31	95	6	5	6	-	4-6	7-8	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1021·2	0	S	5	rr	37	95	8	6	-	-	10	10	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1016·9	+0·6	NNW	1	bc	26	95	7	8	7	-	2-3	4-6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1018·5	+1·2	W	1	bc	18	95	8	8	6	-	2-3	2-3	2500
16	Lerwick ...	156	1017·7	+1·2	N	3	bc	31	65	8	5	3	-	2-3	2-3	1500
17	Blacksod Point	18	1009·8	+0·6	SE	3	c	46	95	7	8	-	-	10	10	800
18	Malin Head ...	52	1012·6	0	SSE	3	c	36	95	7	9	-	-	9+	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1010·5	0	SE	4	c/d	48	95	7	6	-	-	10	10	2-3
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1022·7	0	-	0	cz$_0$	32	75	6	5	-	-	9+	9+	2500	4	*
	Croydon ...	1022·5	+2	SES	2	c$_0$	32	75	7	-	7	-	0	9+	-	4	*
	S. Farnborough	1022·7	+4	S'E	2	cz$_0$	32	75	5	5	-	-	9+	9+	4000	4	*
	Boscombe Down	1021·8	+2	ESE	3	bc	32	75	7	5	2	-	2-3	4-6	2500	1	*
	Calshot (Sthmtn.)	1022·1	+4	NE'E	3	c	36	85	7	5	3	-	7-8	7-8	4000	1	2
	Lympne ...	1023·2	+4	-	0	cz$_0$	31	65	5	-	3	-	0	9+	-	6	1
	Manston ...	1023·8	+1·4	SW	1	bcz$_0$	27	75	5	5	3	-	2-3	4-6	2500	4	*
2	Shoeburyness ...	1022·9	+0·8	SW	1	c	31	85	5	4	4	-	7-8	9+	2500	4	*
	Felixstowe ...																
	Gorleston ...	1022·8	-0·8	W'S	2	c	29	85	6	5	3	-	4-6	9+	2500	4	2
	Mildenhall ...	1022·8	+0·8	-	0	cz$_0$	30	85	5	-	2	-	0	10	-	4	*
	Cranwell ...	1022·3	+1·4	SW'S	1	so$_0$	32	95	5	-	2	-	10	10	800	8	*
3	Birmingham ...	1021·1	+0·2	SSE	2	ls$_0$	33	75	6	6	-	-	10	10	1500	1	*
	Upper Heyford	1022·3	+0·6	SSE	2	cz$_0$	32	85	6	5	7	-	4-6	9+	2500	1	*
4	Ross-on-Wye	1019·9	0	SW	3	c	37	75	6	5	-	-	9+	9+	2500	1	*
5	Portland Bill ...	1020·3	+0·2	S	3	c	44	75	8	4	-	-	9+	9+	2500	1	2
	Plymouth ...	1018·8	+0·2	S	4	c/d	46	85	7	5	2	-	2-3	10	800	1	3
	The Lizard ...	1017·2	+0·2	S'E	5	c	47	95	8	5	2	-	9	10	2500	1	3
	Scilly (St.Mary's)	1015·5	+0·2	S'W	5	c	49	85	7	8	-	-	10	10	2500	1	3
	Guernsey ..	1020·6	0	SSW	3	bc	41	75	9	-	1	-	0	2-3	-	1	1
6	Pembroke ...	1015·6	0	S'E	5	dr	44	95	5	5	-	-	10	10	800	1	3
7	Holyhead ...	1016·0	+0·4	S'E	4	c	43	85	8	-	2	-	7-8	9+	5700	1	2
	Chester(Sealand)	1019·3	+0·2	ESE	3	cz$_0$	33	85	6	-	2	-	10	10	2500	8	*
8	Manchester ...	1020·6	-0·2	SE'S	2	sf	32	95	3	-	2	-	10	10	800	8	
10	Spurn Head ...	1021·9	+1·0	WNW	2	OF	34	95	1	5	-	-	10	10	150	4	1
	Catterick ...	1021·9	+1·0	-	0	o	28	95	7	5	-	-	10	10	4000	4	*
	Tynemouth ...	1021·4	+1·4	W	2	c m	29	95	4	4	-	-	7-8	7-8	4000	8	2
11	Inchkeith ...	1019·8	+0·6	E	2	c	33	95	7	5	7	-	7-8	9	2500	1	4
	Leuchars ...	1020·8	+1·4	-	0	bc	21	95	7	5	-	4	4-6	4-6	4000	4	*
12	Renfrew (Abbots I.)	1019·2	+0·2	E'N	3	o2$_0$	32	85	5	5	-	-	10	10	2500	4	*
	Eskdalemuir ...	1020·6	+0·6	N'E	1	c	29	85	6	5	2	-	7-8	10	2500	4	*
	Point of Ayre...	1017·3	+0·2	S'E	6	ls$_0$	36	95	8	6	-	-	10	10	1500	1	4
13A	Tiree	1013·9	0	ESE	5	c	38	85	7	5	-	-	9+	9+	2500	0	-
13B	Stornoway ...	1017·4	0	SE	3	bc	36	65	8	5	7	-	2-3	2-3	1500	7	2
15	Dalwhinnie ...	1020·6	+0·6	N	1	bc	16	85	8	4	-	2	Tr	2-3	4000	8	*
	Aberdeen ...	1021·4	+1·2	NW	2	bz$_0$	17	95	6	3	-	-	Tr	Tr	1500	8	1
	Wick ...	1020·4	+0·8	WNW	1	bc	13	95	8	5	-	-	2-3	2-3	2500	8	1
16	Lerwick ...	1020·4	+1·2	N	3	bc	30	75	8	5	-	-	2-3	2-3	1500	6	*
17	Blacksod Point	1009·4	+0·4	SE	3	c	45	95	8	-	7	-	0	7-8	-	1	3
18	Malin Head ...	1013·0	+0·6	SSE	3	r$_0$	39	95	7	6	-	-	9	9	1500	1	1
	Aldergrove ...	1014·6	+0·4	SE'E	4	r$_0$r$_0$	40	95	7	-	2	-	10	10	800	1	*
19	Birr Castle ...	1012·5	0	S	2	c	46	95	8	5	-	-	9+	9+	2500	1	*
20	Valentia Obsy. †	1009·4	-0·6	SE'S	5	rr	50	95	6	6	-	-	10	10	1500	1	4
	Roches Point	1012·2	0	SSE	2	do	48	95	7	5	-	-	10	10	800	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 4 Yr Hrs. (36)
1	London (Kew)	37	28	16	Tr	-	7·0
	Croydon ...	38	27	23	-	-	6·2
	S. Farnborough	41	25	19	-	-	6·2
	Boscombe Down	40	28	22	-	-	6·9
	Calshot (Sthmtn.)	39	29	20	-	-	8·2
	Lympne ...	36	26	14	-	-	7·9
	Manston ...	38	24	15	-	Tr	8·2
2	Shoeburyness ...	38	27	15	-	-	8·3
	Felixstowe ...						
	Gorleston ...	38	26	24	-	-	7·8
	Mildenhall ...	38	26	22	-	-	7·6
	Cranwell ...	34	20	15	-	0·1	6·2
3	Birmingham ...	38	28	29	-	Tr	6·3
	Upper Heyford	39	29	17	-	-	*
4	Ross-on-Wye	42	32	24	-	-	7·3
5	Portland Bill ...	42	38	*	-	-	*
	Plymouth ...	45	40	33	-	Tr	1·3
	The Lizard ...	47	43	*	-	0·1	*
	Scilly (St.Mary's)	46	45	*	Tr	1	0·2
	Guernsey ..	44	36	27	-	-	1·7
6	Pembroke ...	43	42	*	-	2	0·0
7	Holyhead ...	42	37	35	Tr	1	1·5
	Chester(Sealand)	40	31	27	-	1	4·6
8	Manchester ...	37	26	17	-	5	2·8
10	Spurn Head ...	35	29	*	-	-	8·0
	Catterick ...	37	26	15	-	Tr	7·6
	Tynemouth ...	36	26	23	-	-	7·7
11	Inchkeith ...	35	30	18	-	-	5·0
	Leuchars ...	37	20	15	-	-	7·6
12	Renfrew (Abbots I.)	41	25	18	-	-	5·8
	Eskdalemuir ...	35	19	15	-	-	5·7
	Point of Ayre...	43	36	1	-	5	5·2
13A	Tiree	41	33	32	-	-	2·9
13B	Stornoway ...	35	25	*	-	-	6·2
15	Dalwhinnie ...	32	12	8	-	-	1·7
	Aberdeen ...	35	16	13	-	-	7·3
	Wick ...	30	12	*	1	-	*
16	Lerwick ...	33	28	*	0·3	-	4·7
17	Blacksod Point	43	33	*	2	0·4	*
18	Malin Head ...	37	32	*	-	1	1·2
	Aldergrove ...	39	32	31	-	2	2·1
19	Birr Castle ...	41	40	37	0·3	0·1	0·6
20	Valentia Obsy. †	49	48	47	0·4	3	0·2
	Roches Point	47	46	*	-	1	*

LONDON OBSERVATIONS

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

Stations	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility 9h.
Kew	18	bm$_0$xbzy	bzbz$_0$c	bcmx	37	28	16	Tr	-	7·0	•	•	5
Croydon	217	bxz	bxzybz	bcmzx	38	27	23	-	-	6·2	•	•	5
Greenwich (Royal Observatory)	149	bf	bmf	bfxcm	36	25	17	-	Tr	0·5	59	83	4
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	2·8	•	•	•
Westminster (St. James' Park)	27	•	•	•	39	37	25	-	-	2·4	53	90	•
Regents Pk. (Botanic Gardens)‡	168	•	•	•	37	29	20	-	-	6·5	61	63	•
Camden Square	110	xbbc	bcb	•	35	31	18	-	-	•	•	87	•
Kensington	80	bmby	bz	•	38	29	17	-	-	5·3	At 18h. 83	92	•
Hampstead Observatory	450	b	b	bcmx	37	36	27	-	Tr	7·1	•	94	•

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

South Kensington.

Max.	Time.	Min.	Time.
2·0	20–22h 4h	0·3	5hrs 5h

Kew Observatory.

Max.	Time.	Min.	Time.
1·5	23 hrs 4h	0·1	14h 4h

FOREIGN OBSERVATIONS.

18h. G.M.T. 4th February.

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1019·9	-	0	bz$_0$	36
Brussels	1018·0	WNW	1	bc$_0$	32
Berlin	1010·3	W	2	c	37
Zürich	1017·3	NNW	?	s$_0$s$_0$	30
Rome	983·5	N'W	8	cz$_0$	45

7h. G.M.T. 5th February.

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1025·3	-	0	bm	25
1024·2	-	0	bc	25
1023·2	NNW	1	bc	-
997·8	N	8	c	45

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
41	25	-	-
39	23	0·1	-
39		Tr	
36	27	1	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, 6th February 1936.
No. 27104

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

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)	10245	+2	SE	2	c Zo	41	55	5	5	1	–	7-8	10	5700
	Croydon ...	10246	+2	SSE	3	c Zo	41	595	6	5	7	8	7-8	9	5700
	S. Farnborough	10244	+2	SE	1	c Zo	40	65	5	5	–	–	9+	9+	5700
	Boscombe Down	10237	+6	SEE	3	c Zo	39	85	5	5	–	–	10	10	4000
	Calshot (Sthmtn.)	10240	+8	ESE	3	c	43	85	7	5	7	–	4-6	10	4000
	Lympne ...	10254	+2	SE'E	2	c Zo	38	75	5	5	7	–	7r	9+	4000
	Manston ...	10259	+6	–	0	c Zo	38	45	6	5	2	–	4-6	9+	5700
2	Shoeburyness ...	1025·6	+2	–	0	c	38	55	6	5	2	–	7-8	10	5700
	Felixstowe ...														
	Gorleston ...	10255	+6	W'S	2	c f	33	85	3	5	–	–	9+	9+	2500
	Mildenhall ...	10254	+6	S	1	is.	36	75	5	5	–	–	9+	9+	4000
	Cranwell ...	10246	+6	SE	3	c/s	32	85	6	–	2	–	10	10	4000
3	Birmingham ...	1022·7	+8	SSE	2	r.r.	35	85	4	6	7	–	4-6	10	1500
	Upper Heyford	10243	+6	SSE	3	is.	38	75	5	–	2	–	10	10	2500
4	Ross-on-Wye	10242	+4	S'W	3	c	42	75	6	5	7	–	9	10	4000
5	Portland Bill ...	10225	+4	S	4	c	46	75	7	4	4	–	7-8	9+	2500
	Plymouth ...	10207	+8	S	4	c	48	85	7	5	2	–	7-8	10	2500
	The Lizard ...	1019·2	+2	S'E	6	rr	47	85	7	5	–	–	10	10	2500
	Scilly (St.Mary's)	10165	0	S'W	6	rr	48	95	6	6	–	–	10	10	1500
	Guernsey ...	10226	+4	S	2	c	46	75	7	–	1	–	0	7-8	–
6	Pembroke ...	1017·2	0	S	5	ir	46	95	7	5	–	–	10	10	1500
7	Holyhead ...	1018·0	+4	SSE	4	c/r	44	95	8	6	7	–	4-6	10	800
	Chester(Sealand)	10209	+4	SE	4	c/r	37	85	5	–	2	–	10	10	2500
8	Manchester ...	10225	+4	SEE	3	df	35	95	2	–	2	–	10	10	1500
10	Spurn Head ...	10250	+6	S	2	c	35	95	6	5	2	–	4-6	9+	800
	Catterick ...	10238	+6	S'E	2	o f	33	95	3	5	–	–	10	10	800
	Tynemouth ...	10231	+8	S	2	c	36	85	6	5	–	–	7-8	7-8	1500
11	Inchkeith ...	10224	+16	E	2	c	35	85	8	5	–	–	7-8	7-8	2500
12	Leuchars ...	10228	+2	E	2	bc	39	85	7	–	3	4	0	4-6	–
	Rentrew (Abbots I.)	10214	+6	EN	3	is.	36	75	4	5	–	–	9+	9+	4000
	Eskdalemuir ...	1022·3	+6	NE'E	3	c	34	75	8	6	7	8	4-6	10	4000
	Point of Ayre...	10197	+10	SSE	6	o m	38	95	4	5	–	–	10	10	450
13A	Tiree	10165	+10	SE'E	6	c Zo	39	85	6	5	2	–	4-6	10	2500
13B	Stornoway ...	10183	+2	SE	4	c	37	65	9	5	7	–	4-6	7-8	1500
15	Dalwhinnie ...	10210	-4	SE	6	c	30	95	7	4	–	7	1	9	2500
	Aberdeen ...	1023·6	+6	NWN	2	bc f	28	75	3	5	–	8	7r	2-3	4000
	Wick ...	10223	+8	S	4	c	37	65	8	7	6	1	4-6	7-8	2500
16	Lerwick ...	1023·6	+10	NW	3	c	35	55	8	5	7	–	4-6	9	1500
17	Blacksod Point	1010·7	0	SE'S	4	c	49	85	8	3	3	–	2-3	7-8	1500
18	Malin Head ...	1015·1	+4	SE	3	c	44	95	6	8	–	–	7-8	7-8	800
	Aldergrove ...	1016·2	+2	ESE	4	d	45	95	5	5	–	–	10	10	800
19	Birr Castle ...	1013·4	+4	S	1	rr	49	95	7	6	–	–	10	10	1500
20	Valentia Obsy. †	1009·6	0	SE'S	3	ido	53	95	7	5	–	–	10	10	450
	Roches Point	1012·5	+4	SSE	3	rr	49	95	6	6	–	–	10	10	1500

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

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)	10256	+4	ESE	2	c Zo	40	75	5	5	–	–	9+	9+	4000	1	*
	Croydon ...	10255	+6	SE'E	2	c Zo	39	85	5	–	7	–	0	9+	–	1	*
	S. Farnborough	10251	+8	SE	2	c Zo	40	85	5	5	–	–	9+	9+	4000	1	*
	Boscombe Down	10242	+6	SE	3	c	38	95	7	5	7	8	2-3	10	4000	1	*
	Calshot (Sthmtn.)	10245	+6	ESE	2	c	42	85	7	–	7	7	0	10	–	1	2
	Lympne ...	10266	+8	S'W	2	c	38	75	6	5	3	–	4-6	9	5700	1	§ 1
	Manston ...	10268	+10	–	0	c m	35	85	4	5	–	–	9	9	7200	1	*
2	Shoeburyness ...	10262	+6	–	0	c	38	85	7	5	–	–	9+	9+	4000	1	*
	Felixstowe ...																
	Gorleston ...	10268	+6	–	0	c Zo	35	85	5	5	–	–	7-8	7-8	2500	4	2
	Mildenhall ...	10264	+8	ESE	2	c Zo	35	75	5	5	–	–	9+	9+	2500	1	*
	Cranwell ...	10256	+10	SE'E	2	c Zo	33	95	5	–	2	–	10	10	2500	8	*
3	Birmingham ...	10239	+12	SSE	3	o	36	95	5	5	–	–	10	10	2500	1	*
	Upper Heyford	10249	+10	ESE	2	c f	37	85	3	5	2	–	7-8	10	4000	1	*
4	Ross-on-Wye	10227	+12	S'E	2	c Zo	42	85	6	5	2	–	2-3	10	2500	1	*
5	Portland Bill ...	10229	+6	S	4	c	46	85	7	5	–	–	10	10	2500	1	3
	Plymouth ...	10211	+4	S'E	4	r.r.	46	85	6	6	2	–	4-6	10	1500	1	3
	The Lizard ...	10191	+4	SSE	6	r.r.	45	95	7	6	–	–	10	10	1500	1	4
	Scilly (St.Mary's)	10163	+2	S'W	6	ido	47	95	6	6	–	–	10	10	1500	1	4
	Guernsey ...	10233	+10	S'E	3	o	44	75	7	5	–	–	10	10	4000	1	2
6	Pembroke ...	10184	+16	S	5	rr	45	95	6	5	–	–	10	10	1500	1	3
7	Holyhead ...	10194	+12	SSE	4	r.r.	45	95	7	6	2	–	7-8	10	800	1	2
	Chester(Sealand)	10224	+14	SE	3	c/r	37	95	5	–	2	–	10	10	1500	1	*
8	Manchester ...	10236	+14	ESE	3	df	35	95	3	–	2	–	10	10	1500	7	*
10	Spurn Head ...	10258	+4	SSE	4	c	36	95	6	5	2	–	4-6	10	1500	0	3
	Catterick ...	10252	+10	S'E	2	o Zo	33	95	5	5	–	–	10	10	800	4	*
	Tynemouth ...	10238	+8	S	2	o m	36	85	4	5	–	–	10	10	1500	6	2
11	Inchkeith ...	10238	+6	ESE	2	c	36	85	6	5	3	–	4-6	9	1500	4	1
12	Leuchars ...	10237	+8	SE	3	c	37	75	7	5	–	–	9+	9+	5700	1	*
	Rentrew (Abbots I.)	10220	+10	ENE	3	c m	37	75	4	5	–	–	9+	9+	2500	4	*
	Eskdalemuir ...	10235	+10	NE	1	c f+	32	85	3	5	–	–	7-8	7-8	1500	4	*
	Point of Ayre...	10210	+8	S'E	5	o m	39	95	4	6	–	–	10	10	450	1	2
13A	Tiree	10165	+2	SE'E	6	c Zo	41	85	6	5	2	–	7-8	10	2500	0	4
13B	Stornoway ...	10175	+2	SE	4	c	39	65	8	5	2	–	7-8	9+	1500	6	2
15	Dalwhinnie ...	10219	+6	SE	6	bc	30	75	8	4	3	1	1	4-6	2500	8	*
	Aberdeen ...	10250	+14	S	3	c Zo	37	55	5	–	–	6	0	7-8	–	8	1
	Wick ...	10228	+4	SE	5	c	36	85	8	7	–	–	4-6	10	1500	8	3
16	Lerwick ...	10256	+4	–	0	bc	32	65	8	6	3	–	2-3	2-3	1500	6	*
17	Blacksod Point	1010[illegible]	-2	SE'S	3	c	47	95	8	5	–	–	7-8	7-8	2500	1	3
18	Malin Head ...	10144	-4	SE	4	c Zo	43	95	6	5	–	–	9+	9+	800	1	2
	Aldergrove ...	1017·1	+2	ESE	4	d.d.	42	95	5	5	–	–	10	10	800	1	*
19	Birr Castle ...	10129	-2	S	2	c	49	95	7	6	2	–	9	10	1500	1	*
20	Valentia Obsy. †	1011·3	+10	SSE	4	o	50	95	8	5	–	–	10	10	450	1	2
	Roches Point	10129	+10	S	4	df	48	95	3	5	–	–	10	10	(150	1	4

PAST 24 HOURS.

Weather. 7h.—13h. 5th (37)	13h.—18h. 5th (38)	18h. 5th to 1h. 6th (39)	1h.—7h. 6th (40)
cm.xczy	czo	cm.	cm.x
cxczzo	czoy	civ.m.c	cbc
bcmzc	cm.	cm.	cbcm.
bccm.	cm.c	c	cbc
cbcc	c	c	cbc
cm.x	cm.	cbcm.	bcbmx
omxcy	czym	cm.	bcb,c
fm.yc	cyc	c	cm.
cff	cffzo	c3.3.	cbcx
cos.csm.	cs.cm.	cm.	cbcm.
03ois	01s.	ocm.x	bcm.x
cr.r.	cirs	c	cbc
cm.os.	sr.sr.f	cfm	cbcm
codc	c	cm.r.dc	cbc
cc	cc	o	ac
cd.r.c	crrr.m.	crrm.	crrm.
cprre	orr	ocrrq	r.rmo
or.rr	rr id.	od.dm	id.id
bc	bcco	oid.c	co
cqirm.a	oqmrra	oqmdra	oqmddc
ith.r.	id.r.r.	cr.c	c
oir.m.	oir.m.	afbcm	bcbm.
ssr.s.d.	d.d.ff	r. cm	cbcm
frnzc	c	co	ac
omof	ofmam.	am.	amof
bccm	com	am	o
c	c	c	c3.
bcxbcm.	bcyc	cq	cpra.x
cm.fm	cm.cm.	cm.cm.	cm.if
cxc	bcm.c	cmx	cm.x
r.r.om	mdd	ddmo	omz
bccz.	czo	c3.	c3.
bcc	c	c	c
bcc	bc	*	c
xfbcf	fczoy	cbcc	co3.
bcc	c	c	c
bccy	cbc	bcc	cbc
cbc	bc	pr.c	pr.c
cz.z.	cz.z.	c7fc	c
or.d.g.o	od.d.	od.d.o	oc
corr	orrc	c	c
rr.r.ord	old.o	cid.c	coir.o
orr	rrdfdf	ddffe	~~comrs~~

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{10}$ of the sky.
"9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dunganess.

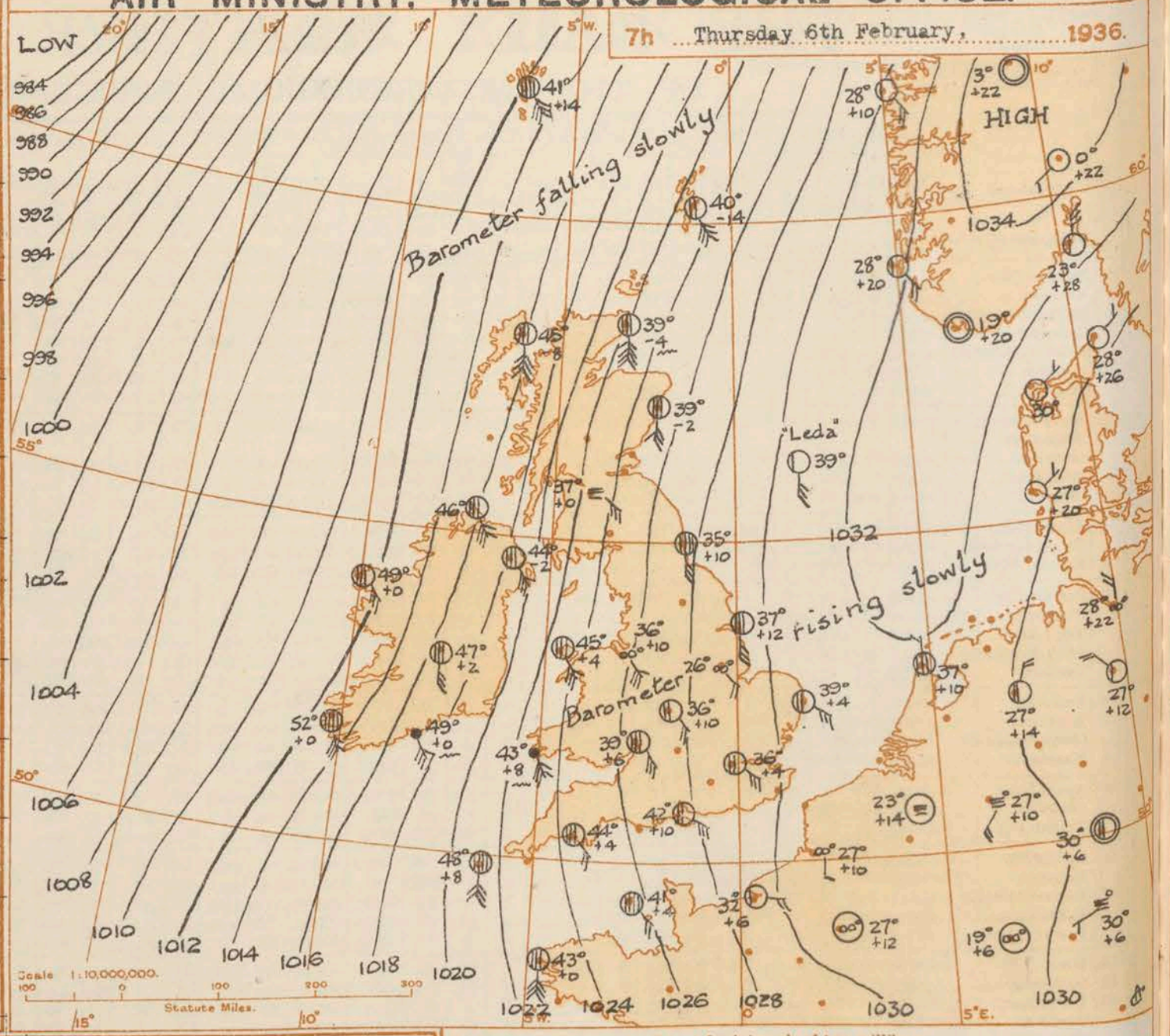
REPORTS from HEALTH RESORTS for 5th February 1936.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min 9h. 4th to 9h. 5th	Temperature. Max. 9h.—17h. 5th	Rainfall. Night. 17h. 4th to 9h. 5th	Rainfall. Day. 9h.—17h. 5th	Sunshine. Sunrise to Sunset. 5th
1	Tunbridge W.	omo	obcc	30	41	–	–	0·5
	Bournemouth	o	o	28	45	–	–	0·0
	Ventnor ...	xobo	o	32	45	–	–	0·4
	Southsea ...	c	c	30	44	–	–	0·0
	Bognor Regis	bcbcc	cco	29	44	–	–	1·7
	Littlehampton	bc	bcc	26	45	–	–	2·4
	Worthing ...	bcbbc	c	27	45	–	–	2·6
	Brighton ...	b	b	27	43	–	–	2·4
	Eastbourne†	c	c	25	43	–	–	0·5
	Hastings† ...	ccbc	bcc	28	43	–	–	0·6
	Folkestone ...	cohoc	oc	27	41	Trace	Trace	0·1
	Dover... ...	foc	cbc	27	40	–	–	0·0
	Deal	cf	o	28	39	–	–	0·2
	Ramsgate ...	of	cm	30	41	–	–	0·0
	Margate ...	cf	bc	30	40	–	–	0·0
2	Southend ...	o	oco	29	39	Trace	–	0·0
	Maldon ...	xmo	o	26	36	–	–	0·0
	Clacton-on-Sea	cmpso	cy	27	38	–	Trace	0·0
	Dovercourt ...	xgoc	ocbc	28	38	–	–	0·1
	Lowestoft ...	c	c	26	37	–	–	0·4
	Skegness ...	ofso	oso	26	35	–	0·1	0·0
	Mablethorpe	xomo	ocmo	23	35	–	–	0·0
	Cleethorpes ...	ofs.	o	26	35	–	0·2	0·0
3	Leamington S.	o	od	29	38	–	0·2	0·0
4	Cheltenham†	cop.	oc	29	41	–	0·3	0·0
5	Bath	cc	p.c	27	44	–	Trace	0·0
	Weymouth ...	c	c	35	46	–	–	0·0
	Jersey ...	bc	bcb	37	45	–	–	4·6
	Torquay ...	o	o	33	47	–	–	0·0
	Penzance ...	ccd	r	40	50	3	6	0·0
	St. Ives ...	o	r	39	49	3	8	0·0
	Bude	c	cor	35	47	–	1	0·0
	Ilfracombe ...	poco	epo	37	48	0·2	Trace	0·0
6	Aberystwyth	pc	od	33	46	0·3	0·5	0·0
7	Llandudno ...	c	circ	32	45	1	0·2	0·0
	Colwyn Bay...	c	cpopc	34	45	0·5	0·3	0·0
	Rhyl	oc	cprc	28	43	2	0·3	0·0
8	Wallasey ...	o	oir	31	38	5	3	0·0
	Southport‖ ...	o	od	32	35	8	0·4	0·0
	Blackpool ...	osor	o	32	36	9	0·4	0·0
	Morecambe ...	ssics	co cm	25	37	2	1	0·0
9	Ilkley... ...	osomo	ogomo	23	33	1	0·4	0·0
	Harrogate ...	copso	copso	25	32	0·1	0·4	0·0
10	Berwick-on-T.	beb	c	22	38	–	–	5·4
11	Dunbar ...	bcx	bcmo	25	37	–	–	3·9
12	Troon... ...	scoc	codo	28	41	0·5	0·5	0·0
	Douglas ...	omm	oRR	27	42	15	8	0·0

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

AIR MINISTRY. METEOROLOGICAL OFFICE.

7h Thursday 6th February, 1936.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 6th Feb. 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light or moderate south or southeast wind; fine; rather mild during day, ground frost at night
5 S.W. England 6 South Wales ... 7 North Wales ...	Moderate or fresh southerly wind, strong locally on coast; cloudy, local drizzle at first, fairer later; rather mild.
8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	As 1 - 4.
12 S.W. Scotland & Isle of Man.	As 5 - 7.
13 A. W. Scotld. B.N.W.Scotland.	▼ Strong southerly wind, gale locally on coast; cloudy, occasional drizzle; mild.
14 Mid Scotland 15 N. E. Scotland	▼ Moderate or fresh southerly wind, stronger locally; mainly fair; rather mild during day.
16 Orkneys and Shetlands	▼ Strong or gale south wind; cloudy; average temperature.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Moderate or fresh southerly wind, strong locally on coast; cloudy, occasional drizzle; mild.

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

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

GENERAL INFERENCE.

The main anticyclonic centre is now over South Scandinavia, and is developing decidedly, while moving east or southeast. Its extension to East France is moving little. A depression off southwest Iceland is moving northeast. Weather will be fair apart from local drizzle in the West.

FURTHER OUTLOOK.

Similar.

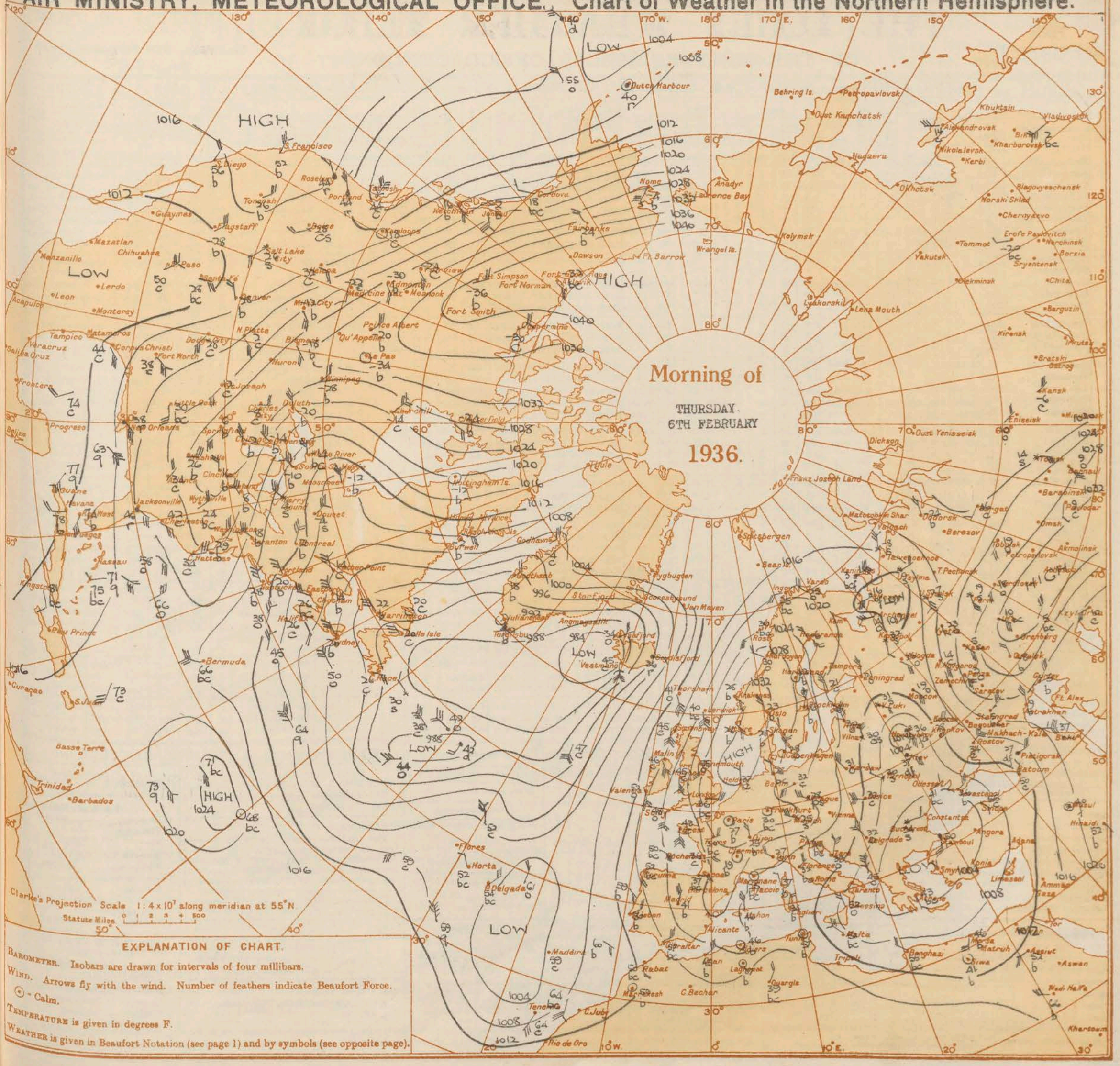
TIMES OF ISSUE OF GALE WARNINGS.

▼ South cone hoisted at 0820 6th in districts 13B, 15 & 16.

Forecasts issued at 1030 G.M.T.

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

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 6th February, 1936.
No. 27104

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

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	1027·9	+10	SE'E	2	c	39	85	8	5	-	-	10	10	7200
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1028·7	+6	SSE	2	c 3₀	37	75	6	5	3	-	2-3	7-8	7200
	Manston ...	142	1029·0	+8	SE	2	c	37	65	7	-	3	-	0	7-8	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1029·4	+6	SE	2	c	37	85	6	5	-	-	9+	9+	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1025·9	+6	S	4	o	44	75	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1022·0	+10	SE	6	r. r₀	42	95	7	6	-	-	10	10	1500
	Scilly (St. Mary's)	163	1018·8	+14	S'W	5	d. d₀	48	95	4	5	-	-	10	10	800
	Guernsey ..	175	1025·1	+2	SSE	3	c/d	40	85	7	5	1	-	7-8	10	2500
6	Pembroke ...	142	1020·8	+8	SSE	5	dr	44	95	6	6	-	-	10	10	1500
7	Holyhead ...	26	1021·6	+12	SSE	4	c	44	75	8	-	7	-	0	7-8	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1028·4	+14	SSE	4	c	37	85	7	-	2	-	0	10	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1026·1	+8	SSE	3	o	36	95	6	5	-	-	10	10	1500
11	Inchkeith ...	190	1024·1	+6	E	3	c	35	95	7	5	-	-	9+	9+	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1022·7	+12	S'E	5	o	40	95	5	5	-	-	10	10	800
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1017·3	0	S	5	c	44	75	7	5	7	-	7-8	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1022·9	+4	S	7	c	39	75	8	5	1	8	4-6	7-8	1500
16	Lerwick ...	156	1025·6	+2	S'E	4	c	37	65	8	5	3	-	4-6	9+	1500
17	Blacksod Point	18	1010·6	+2	SE'S	4	c	47	95	8	3	-	-	7-8	7-8	1500
18	Malin Head ...	52	1014·7	-6	SSE	5	c	46	95	7	5	-	-	9+	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1012·7	+6	S	4	dd	49	95	5	6	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1029·1	+4	E	2	b 3₀	36	85	6	-	-	-	0	0	-	1	*
	Croydon ...	1028·8	+4	ESE	3	b 3₀	36	85	6	-	3	5	0	2-3	-	1	*
	S. Farnborough	1029·1	+2	SE	2	bm	34	95	4	-	4	1	0	1	-	1	*
	Boscombe Down	1027·7	+8	SE	3	bc	36	95	7	5	4	-	2-3	4-6	4000	1	*
	Calshot (Sthmtn.)	1028·1	+10	ESE	3	bc	42	75	8	-	4	-	0	4-6	-	1	2
	Lympne ...	1030·5	+14	ESE	2	b 3₀	36	75	6	-	3	1	0	1	-	4	1
	Manston ...	1030·5	+6	SSE	2	c	37	75	7	5	-	-	9+	9+	4000	1	*
2	Shoeburyness ...	1030·4	+8	SE	1	c	37	85	6	4	7	-	4-6	9	4000	1	*
	Felixstowe ...																
	Gorleston ...	1030·7	+4	E'S	3	bc	39	85	6	-	4	-	0	2-3	-	4	2
	Mildenhall ...	1030·2	+10	ESE	2	bc 3₀	34	95	6	5	7	-	4-6	4-6	2500	1	*
	Cranwell ...	1029·6	+6	ESE	2	bc 3₀	26	95	5	5	3	-	1	4-6	2500	8	*
3	Birmingham ...	1027·9	+10	SE	2	bc	36	95	5	-	3	1	0	4-6	-	1	*
	Upper Heyford	1028·6	+8	ESE	2	bcm	33	95	4	-	4	-	0	2-3	-	1	*
4	Ross-on-Wye	1026·6	+6	SSE	3	c	39	85	6	5	7	1	1	7-8	4000	1	*
5	Portland Bill ...	1026·3	+4	SE	4	c	44	75	7	4	-	-	9+	9+	2500	1	3
	Plymouth ...	1024·7	+4	SE	2	c	44	75	8	-	7	-	0	7-8	-	1	2
	The Lizard ...	1023·1	+8	SE	5	o	44	85	7	5	-	-	10	10	1500	1	3
	Scilly (St. Mary's)	1020·7	+8	S	5	⊖/d	48	95	6	5	-	-	10	10	1500	1	3
	Guernsey ..	1025·8	+4	SE	2	o	41	75	7	5	-	-	10	10	2500	1	2
6	Pembroke ...	1022·2	+8	SSE	5	dd	43	95	6	3	2	-	4-6	10	1500	1	4
7	Holyhead ...	1021·1	+4	S'E	4	c	45	75	8	7	-	-	9+	9+	4000	1	3
	Chester (Sealand)	1025·4	+10	SE'S	4	b 3₀	36	95	6	5	-	1	Tr	1	4000	1	*
8	Manchester ...	1027·3	+8	SE'E	3	bcm	36	85	4	5	3	-	2-3	4-6	4000	6	*
10	Spurn Head ...	1029·9	+12	S	3	c	37	95	6	5	2	-	4-6	10	1500	0	2
	Catterick ...	1028·5	+6	S'W	3	f	33	95	3	5	-	-	10	10	450	4	*
	Tynemouth ...	1027·2	+10	S	3	o	35	95	6	5	-	-	10	10	1500	6	2
11	Inchkeith ...	1024·0	-2	SE	2	c 3₀	36	95	6	5	2	-	4-6	7-8	1500	4	2
	Leuchars ...	1024·7	+2	-	0	bc 3₀	35	95	6	5	2	-	2-3	4-6	4000	4	*
12	Renfrew (Abbots L)	1023·3	0	ESE	3	lf	37	95	3	5	1	-	4-6	9+	800	4	*
	Eskdalemuir ...	1025·3	+4	SSW	2	c	34	95	5	5	2	-	7-8	9+	1500	4	*
	Point of Ayre ...	1023·2	0	S'E	5	o 3₀	41	95	6	5	-	-	10	10	1500	1	3
13A	Tiree	1015·8	0	SE	7	c	44	95	6	5	-	-	9+	9+	2500	0	?
13B	Stornoway ...	1015·2	-8	S	6	c	45	85	7	5	7	-	7-8	10	1500	1	3
15	Dalwhinnie ...	1022·6	+8	S	4	c	33	95	6	5	-	-	10	10	1500	8	*
	Aberdeen ...	1024·9	-2	S'W	4	c	39	95	6	-	2	-	0	10	-	6	2
	Wick ...	1021·6	-4	S	8	c	39	95	7	5	2	-	7-8	10	800	3	4
16	Lerwick ...	1023·4	-14	S'E	6	bc	40	75	8	5	1	-	4-6	4-6	1500	6	*
17	Blacksod Point	1011·1	0	SE	3	c	49	95	8	-	7	-	0	7-8	-	1	3
18	Malin Head ...	1015·5	·?	SSE	5	c	46	95	7	5	-	-	9+	9+	1500	0	2
	Aldergrove ...	1019·1	-2	SE	4	c	44	95	7	6	2	-	9+	10	800	1	*
19	Birr Castle ...	1016·1	+2	S	3	c	47	95	8	5	-	-	9+	9+	2500	1	*
20	Valentia Obsy. †	1013·2	0	SSE	5	o	52	95	7	5	-	-	10	10	1500	1	3
	Roches Point	1016·3	0	SSE	4	dd	49	95	5	5	-	-	10	10	450	1	4

PAST 24 HOURS.

District	Stations	Temperatures. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 5th Hrs. (36)
1	London (Kew)	42	35	25	-	-	0·0
	Croydon ...	43	36	31	-	Tr	0·4
	S. Farnborough	42	34	26	-	-	1·5
	Boscombe Down	41	35	31	-	-	0·0
	Calshot (Sthmtn.)	44	41	38	-	-	0·0
	Lympne ...	40	35	29	-	-	0·0
	Manston ...	39	34	27	-	-	0·1
2	Shoeburyness ...	39	36	27	-	-	0·0
	Felixstowe ...						
	Gorleston ...	37	30	24	-	-	0·6
	Mildenhall ...	37	33	30	Tr	-	0·0
	Cranwell ...	33	25	21	0·4	-	0·0
3	Birmingham ...	37	35	32	1	-	0·0
	Upper Heyford	39	33	30	0·3	-	*
4	Ross-on-Wye	43	39	33	0·1	0·6	0·0
5	Portland Bill ...	46	41	*	-	-	*
	Plymouth ...	48	42	40	2	8	0·0
	The Lizard ...	48	41	*	8	6	*
	Scilly (St. Mary's)	49	46	*	12	3	0·0
	Guernsey ..	47	40	37	-	Tr	4·3
6	Pembroke ...	46	42	*	6	2	0·0
7	Holyhead ...	45	44	41	3	0·3	0·0
	Chester (Sealand)	37	36	31	1	-	0·0
8	Manchester ...	35	35	32	3	0·3	0·0
10	Spurn Head ...	35	35	*	-	-	0·0
	Catterick ...	33	32	29	-	-	0·0
	Tynemouth ...	37	34	32	-	-	0·0
11	Inchkeith ...	37	34	29	-	-	1·8
	Leuchars ...	39	33	30	-	0·3	2·5
12	Renfrew (Abbots L)	37	35	33	Tr	0·4	0·0
	Eskdalemuir ...	35	30	28	0·1	Tr	0·0
	Point of Ayre ...	39	36	*	1	1	0·0
13A	Tiree	41	41	40	-	-	0·3
13B	Stornoway ...	39	38	*	-	-	3·0
15	Dalwhinnie ...	31	30	25	-	-	5·0
	Aberdeen ...	37	36	31	-	-	4·6
	Wick ...	37	36	*	-	-	*
16	Lerwick ...	35	31	*	-	-	0·4
17	Blacksod Point	49	46	*	0·1	Tr	*
18	Malin Head ...	45	41	*	-	-	0·1
	Aldergrove ...	45	42	41	0·3	Tr	0·0
19	Birr Castle ...	50	47	45	3	-	0·0
20	Valentia Obsy. †	53	49	47	7	2	0·0
	Roches Point	49	47	*	13	2	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon (24 hrs. ended 9h.)	Weather Night (24 hrs. ended 9h.)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity 15h. G.M.T % (Yesterday.)	Humidity 9h. G.M.T % (To-day.)	Visibility 9h. (To-day.)
Kew	18	cm x c 3₀ y	c 3₀	cm₀ x	42	35	25	-	-	0·0	*	*	5
Croydon	217	c x c 3₀ 3₀	c 3₀ y	cir₀ mbc	43	36	31	-	Tr	0·4	*	*	6
Greenwich (Royal Observatory) ...	149	cm	cm₀ c	cd₀ fkm	40	33	29	-	Tr	0·1	65	85	4
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	42	36	30	-	-	0·0	57	77	*
Regents Pk. (Botanic Gardens)† ...	168	*	*	*	41	35	29	-	Tr	0·0	61	73	*
Camden Square	110	c/c	c	*	40	33	24	-	-	*	At 18h. 87		*
Kensington	80	cobc	co	*	42	35	25	-	-	0·0	69	79	*
Hampstead Observatory	450	om	om	omx	40	32	21	-	Tr	0·0	*	93	*

FOREIGN OBSERVATIONS.

18h. G.M.T. 5th February. 7h. G.M.T. 6th February.

Stations	18h. Barom. mb.	18h. Wind. Direc.	18h. Wind. Force.	18h. Weather.	18h. Temp. °F.	7h. Barom. mb.	7h. Wind. Direc.	7h. Wind. Force.	7h. Weather.	7h. Temp. °F.
Paris	1027·7	-	0	c 3₀	36	1031·7	-	0	b 3₀	27
Brussels	1027·8	WSW	1	b 3₀	28	1031·9	-	0	f-	23
Berlin	1020·1	WNW	3	b 3₀	34	1024·3	N	3	c 3₀	32
Zürich	1026·4	E	1	c	32	1028·3	WNW	1	c	27
Rome						1012·9	N	7	bc 3₀	41

Past 24 Hours.	Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris	37	27	-	-
Brussels	34	23	-	-
Berlin	37	32	Tr	Tr
Zürich	37	27	-	Tr
Rome	×	×	--	--

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

South Kensington.

Max.	Time.	Min.	Time.
	Defective		

Kew Observatory.

Max.	Time.	Min.	Time.
1·4	19h 5th	0·1	4h 6th

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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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 7th February 1936

No. 27105

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

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 5th Hrs. (36)
1	London (Kew)	1031·1	0	SE	3	c z_o	44	55	6	–	–	6	0	7-8	–	0·0
	Croydon ...	1031·3	+2	SE'E	4	c	45	55	6	–	–	5	0	9	–	0·4
	S. Farnborough	1031·3	+6	SE'S	4	c z_o	43	65	6	–	–	6	0	7-8	–	1·5
	Boscombe Down	1030·1	+6	SE	4	bc z_o	42	65	6	–	7	–	0	4-6	–	0·0
	Calshot (Sthmtn.)	1030·4	+8	ESE	4	c	43	75	7	–	4	7	0	7-8	–	0·0
	Lympne ...	1032·9	+10	SE	3	bc	40	55	7	–	–	2	0	2-3	–	0·0
	Manston ...	1032·9	+10	SE	3	bc z_o	41	65	6	–	–	6	0	4-6	–	0·1
2	Shoeburyness ...	1032·5	+12	SE	3	bc z_o	43	65	6	–	–	6	0	4-6	–	0·0
	Felixstowe ...															
	Gorleston ...	1033·6	+8	SE'E	3	bc	41	85	6	5	–	–	2-3	2-3	2500	0·6
	Mildenhall ...	1032·3	+10	SE'S	3	c z_o	43	65	6	–	–	6	0	7-8	–	0·0
	Cranwell ...	1031·4	+4	ESE	3	bc z_o	38	85	5	–	–	2	0	4-6	–	0·0
3	Birmingham ...	1029·2	+4	SSE	4	bc	41	45	6	–	–	7	0	4-6	–	0·0
	Upper Heyford	1030·9	+6	SSE	3	c z_o	41	75	6	–	7	8	0	7-8	–	*
4	Ross-on-Wye	1027·9	+4	S'E	3	c	44	65	7	–	–	2	0	7-8	–	0·0
5	Portland Bill ...	1028·7	+2	SE	4	c	45	85	7	4	4	–	7-8	10	2500	*
	Plymouth ...	1026·4	+2	SE	4	c	47	65	8	5	4	7	2-3	9+	5700	0·0
	The Lizard ...	1024·4	+2	SE'E	5	c	46	65	8	4	2	–	9	10	2500	*
	Scilly (St. Mary's)	1022·3	+2	SSE	5	c	47	75	7	5	7	–	4-6	9+	1500	0·0
	Guernsey ...	1027·6	+6	SE'E	2	bc	44	65	6	5	7	8	2-3	4-6	4000	4·3
6	Pembroke ...	1024·1	+8	SE'S	5	c q	45	95	7	5	2	–	4-6	10	4000	0·0
7	Holyhead ...	1023·9	+4	SSE	4	c	46	65	8	5	7	–	4-6	10	5700	0·0
	Chester (Sealand)	1027·1	+2	SSE	5	c z_o	42	75	6	–	7	8	0	7-8	–	0·0
8	Manchester ...	1028·9	+6	SSE	4	c z_o	42	65	5	–	–	6	0	7-8	–	3 0·0
10	Spurn Head ...	1032·1	+12	SSE	4	c	40	85	6	5	7	1	2-3	7-8	2500	0·0
	Catterick ...	1030·1	+6	S	3	o m	35	95	4	5	–	–	10	10	800	0·0
	Tynemouth ...	1029·0	+6	S	3	bc m	40	85	4	5	–	2	4-6	4-6	1500	0·0
11	Inchkeith ...	1024·9	+2	E	2	c	40	95	7	5	3	–	4-6	7-8	2500	0·3
	Leuchars ...	1026·1	+6	SE	2	c	40	75	6	5	2	–	2-3	9+	4000	3·0
12	Renfrew (Abbots I.)	1024·6	0	E'N	1	o m	40	85	4	5	–	–	10	10	1500	5·0
	Eskdalemuir ...	1026·3	+6	S	3	c	39	75	6	5	7	8	1	9+	2500	4·6
	Point of Ayre ...	1024·1	+8	S	6	c z_o	43	85	6	8	–	–	9+	9+	1500	*
13A	Tiree	1026·7	+2	SES	7	RR	46	95	5	6	–	–	10	10	1500	0·4
13B	Stornoway ...	1024·8	+4	SSW	6	p_{r_o}	46	95	6	5	2	–	7-8	10	1500	*
15	Dalwhinnie ...	1021·9	–8	S	6	c	36	85	6	5	–	–	10	10	2500	0·1
	Aberdeen ...	1026·0	+10	S'W	5	c	41	85	5	5	–	7	4-6	10	800	0·0
	Wick ...	1024·8	0	S	8	c	41	95	6	5	7	–	7-8	10	800	*
16	Lerwick ...	1022·9	–6	S	8	c	42	85	6	8	2	–	7-8	10	1500	0·0
17	Blacksod Point	1011·4	0	SE	3	c	50	85	9	–	7	–	0	7-8	–	0·0
18	Malin Head ...	1016·2	+4	SSE	5	c	46	95	7	8	–	–	9+	9+	1500	0·0
	Aldergrove ...	1020·2	+2	SSE	5	i_{r_o}	44	95	7	6	2	–	9+	10	800	*
19	Birr Castle ...	1017·4	0	S	3	id$_o$	49	95	7	5	–	–	10	10	2500	0·0
20	Valentia Obsy. †	1014·5	+6	SSE	6	id$_o$	52	95	6	5	–	–	10	10	800	0·0
	Roches Point	1018·8	+10	S'E	6	dd	49	95	6	5	–	–	10	10	450	*

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

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)	1032·5	+8	ESE	3	c z_o	38	55	5	–	–	2	0	7-8	–	1	*
	Croydon ...	1032·4	+14	SE'E	2	c z_o	35	75	6	–	4	2	0	7-8	–	1	*
	S. Farnborough	1032·0	+8	SE	3	bcm	37	75	4	–	5	2	0	4-6	–	1	*
	Boscombe Down	1030·9	+8	ESE	3	c z_o	36	75	6	–	7	8	0	10	–	1	*
	Calshot (Sthmtn.)	1030·6	+6	E	5	bc	41	65	7	–	3	1	0	2-3	–	1	3
	Lympne ...	1032·9	+4	ESE	3	c z_o	36	65	5	–	–	6	0	9	–	1	§ 3
	Manston ...	1033·5	+4	ESE	3	bc z_o	36	65	6	5	–	1	1	2-3	2500	1	*
2	Shoeburyness ...	1033·0	+6	SE	3	bc	38	75	6	–	7	8	0	4-6	–	1	*
	Felixstowe ...						39										
	Gorleston ...	1034·4	+4	SE'E	3	bc	40	85	7	5	–	–	2-3	2-3	2500	1	2
	Mildenhall ...	1033·7	+14	ESE	2	c z_o	35	75	6	–	2	6	0	9	–	1	*
	Cranwell ...	1032·2	+10	SE'E	4	c z_o	34	85	6	5	–	5	2-3	7-8	2500	6	*
3	Birmingham ...	1030·1	+6	SE	3	c	38	65	6	–	–	6	0	7-8	–	1	*
	Upper Heyford	1031·5	+10	SE'S	3	c z_o	37	65	6	–	7	8	0	7-8	–	1	*
4	Ross-on-Wye	1028·8	+6	SE	3	c z_o	40	65	6	–	1	8	0	9	–	1	*
5	Portland Bill ...	1028·3	+4	SE	4	c	43	75	7	4	4	–	4-6	7-8	2500	1	3
	Plymouth ...	1026·1	–2	ESE	4	c	43	75	7	–	7	7	0	9+	–	1	2
	The Lizard ...	1024·2	+4	SE'E	6	c	45	85	8	8	1	–	4-6	7-8	2500	1	3
	Scilly (St. Mary's)	1021·7	+4	SSE	5	bc	47	75	7	8	8	–	2-3	4-6	2500	1	3
	Guernsey ...	1027·2	0	ESE	3	bc	44	55	7	–	7	–	0	4-6	–	1	3
6	Pembroke ...	1024·2	+2	SE'S	6	c q	44	65	7	5	1	–	4-6	7-8	2500	1	4
7	Holyhead ...	1024·2	+10	SSE	4	c	45	65	8	–	9	–	0	10	–	1	3
	Chester (Sealand)	1027·8	+14	SSE	4	c z_o	41	75	6	–	7	8	0	7-8	–	1	*
8	Manchester ...	1029·2	+10	SE	3	cm	38	85	4	–	7	8	0	7-8	–	1	*
10	Spurn Head ...	1032·1	0	SSE	5	c	39	85	6	5	2	–	4-6	7-8	2500	0	4
	Catterick ...	1031·0	+12	SSW	1	c z_o	35	85	5	–	1	–	0	9	–	1	*
	Tynemouth ...	1029·2	+8	S	3	bc	40	75	6	5	–	–	4-6	4-6	1500	1	2
11	Inchkeith ...	1025·4	+2	SE	2	c	44	65	7	5	2	–	4-6	7-8	1500	0	1
	Leuchars ...	1026·2	+6	SE	3	c z_o	40	75	5	5	–	–	9+	9+	4000	1	*
12	Renfrew (Abbots I.)	1024·7	+6	E'S	1	o z_o	42	75	5	5	–	–	10	10	2500	91	*
	Eskdalemuir ...	1027·2	+10	S	2	c	36	75	5	5	–	8	4-6	7-8	2500	1	*
	Point of Ayre ...	1025·0	+6	S'E	5	c z_o	43	75	6	–	2	–	0	9+	–	1	3
13A	Tiree	1017·0	+4	SE'S	7	$r_{o}r_{o}$	45	95	6	6	–	–	10	10	1500	1	4
13B	Stornoway ...	1014·6	–4	S	5	c	46	95	5	96	2	–	7-8	10	1500	1	3
15	Dalwhinnie ...	1023·0	+4	SE	7	c	36	85	6	5	–	–	10	10	1500	0	*
	Aberdeen ...	1025·7	–2	S'W	5	c z_o	41	85	6	–	7	7	0	9+	–	1	2
	Wick ...	1019·8	–4	S	8	c	41	85	6	5	2	–	7-8	10	800	1	4
16	Lerwick ...	1021·2	–4	SSW	8	c	42	85	6	5	2	–	7-8	10	800	1	*
17	Blacksod Point	1010·7	–12	S'E	6	cq	54	75	8	9	–	–	10	10	1500	1	4
18	Malin Head ...	1016·7	0	SSE	5	c	46	95	7	8	2	–	7-8	10	1500	0	2
	Aldergrove ...	1020·7	+4	SSE	5	$r_{o}r_{o}$	44	85	6	6	2	–	9+	10	800	1	*
19	Birr Castle ...	1016·2	+6	SSE	3	c	47	95	7	6	2	–	9	10	2500	1	*
20	Valentia Obsy. †	1014·0	+2	SE'S	7	c	51	65	8	5	–	–	10	10	1500	1	3
	Roches Point	1019·0	+4	S'E	7	c	48	85	7	6	–	–	9+	9+	1500	1	4

PAST 24 HOURS.

Weather. 7h.–13h. (37)	13h.–18h. (38)	18h.–1h. (39)	1h.–7h. (40)
6th	6th	6th to 7th	7th
bm$_o$xcz$_o$	czoy	bcz$_o$	bm$_o$x
bcz$_o$	cbcyz$_o$	bccz$_o$bcx	bcbvx
mbzobz$_o$	bcz$_o$	mbcmx	bm$_o$x
bcchc	cz$_o$	cz$_o$bz	bcm$_o$
bcc	cbcm$_o$bc	bcb	bbc
bzoby	bcz$_o$	cbz$_o$x	bz$_o$x
bbcz$_o$	bcz$_o$	bcb	bqb
cbcm$_o$	bcm$_o$	bcm$_o$	bcx
bc	bc	bcq	bcqx
bcm$_o$	bcm$_o$cm$_o$	cm$_o$	bcbx
bfmbc	bcm$_o$	bcm$_o$x	bcm$_o$x
bc	bcc	c	cbc
ccmm$_o$	cm$_o$bcc	cm$_o$bc	bcm$_o$x
cc	cbcc	cz$_o$	bcz$_o$
cc ⊕	cc ⊕	c	cbc
c	cq	cbc	c
oc	cbc	cq	cbc
c	cbc	bcc	cbc
ocbc	bcc	bc	bc
cm$_o$ddqt	cq	cqc^{ill}	cqm$_o^{ill}$
c	c	c	c
c m$_o$ ⊕	cz$_o$	cm$_o$	cm$_o$
bcfm$_o$	bcz$_o$cm	cmm$_o$	cm$_o$z$_o$
c	c	c	cbc
cfm$_o$fom	cmcm$_o$	cm$_o$	cm$_o$cm$_o$x
obcm	bcmbc	bc	bc
z$_o$c	c	cbcz$_o$	bcz$_o$c
bc	cm$_o$	cm$_o$q	cm$_o$cy
cifm	cmzz$_o$	cz$_o$	cz$_o$RR
cxm$_o$	bccz$_o$	cbcm$_o$	bcm$_o$
oz	ocz	oz	oz
z$_o$RR	o z$_o$rr	z$_o$r$_o$r	c
cpr$_o$q	cr$_o$r$_o$	cpr$_o$m^{ill}	cm$_o^{ill}$
c	c	*	rrc
ocz$_o$	cz$_o$	cz$_o$c	c
cw^{ill}	cm$_o$	cm$_o$	r$_o$rr
bccm$_o$	cm$_o$	cm$_o$	cr$_o$rm$_o$
cq	ir$_o$cq	irq	cq
c	c	cy	c
cir$_o$	cir$_o$r$_o$r$_o$	cr$_o$r$_o$i$_{r_o}$	ccirr
coid$_o$	oid$_o$c	c	c
oid$_o$	id$_o$r$_o$c	cpr$_o$c	cbcc
drdrdd	odde	cprbc	bcc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{10}$ of the sky. "9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

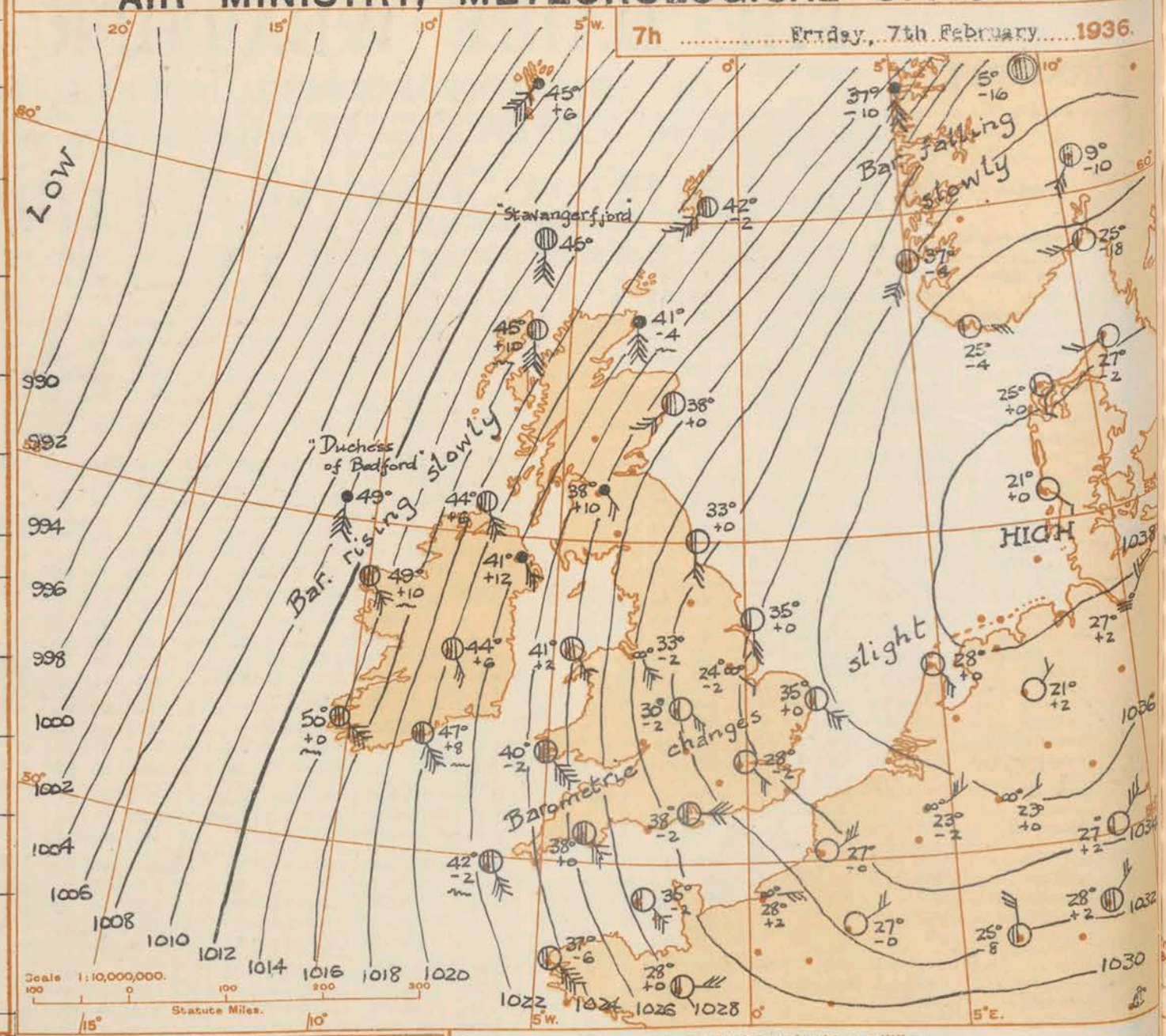
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 6th February 1936.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 5th to 9h. 6th.	Temperature. Max. 9h.—17h. 6th.	Rainfall. Night. 17h. 5th to 9h. 6th.	Rainfall. Day. 9h.—17h. 6th.	Sunshine. Sunrise to Sunset. 6th.
1	Tunbridge W.	b	bc	32	43	–	–	7·6
	Bournemouth	bcc	bcbc	40	45	–	–	2·7
	Ventnor ...	cbc	bbc	41	45	–	–	4·0
	Southsea ...	bc	bbcb	38	45	–	–	2·4
	Bognor Regis	bcbc	bcbc	39	43	–	–	4·0
	Littlehampton	b	bc	35	43	–	–	3·3
	Worthing ...	bcbc	bcc	34	44	–	–	3·6
	Brighton ...	b	bc	36	44	–	–	5·0
	Eastbourne†	b	bbcb	39	43	–	–	7·4
	Hastings† ...	bb	bbc	39	43	–	–	7·4
	Folkestone ...	bxb	bbc	35	42	–	–	5·6
	Dover... ...	b	b	33	42	–	–	8·2
	Deal	b	b	32	41	–	–	6·8
	Ramsgate ...	b	bbc	36	42	–	–	6·8
	Margate ...	bc	bc	35	43	–	–	6·7
2	Southend ...	b	bbc	33	45	Trace	–	6·5
	Maldon ...	xb	bbc	31	41	–	–	5·4
	Clacton-on-Sea	cbcc	cbc	31	42	–	–	3·5
	Dovercourt ...	xbcc	bc	32	42	–	–	2·3
	Lowestoft ...	b	b	30	42	–	–	6·6
	Skegness ...	bcb	bm	31	41	–	–	3·3
	Mablethorpe	bcm.	bbcm.	32	41	–	–	4·7
	Cleethorpes...	bm.	bc	31	42	–	–	5·6
3	Leamington S.	bcc	bcc	32	44	–	–	2·2
4	Cheltenham†	c	cbcq	35	43	Trace	–	2·5
5	Bath	cbcb	cbcb	38	46	Trace	–	2·3
	Weymouth ...	c	cb	42	45	–	–	1·7
	Jersey ...	cb	bc	40	47	–	–	5·5
	Torquay ...	czqc	bczq	43	47	3	–	2·3
	Penzance ...	rcc	c	43	47	15	–	0·0
	St. Ives ...	o	c	41	48	15	–	0·0
	Bude	c	c	41	43	0·3	–	0·0
	Ilfracombe ...	po	co	41	47	0·6	–	0·0
6	Aberystwyth	rc	bcc	42	46	1	–	0·7
7	Llandudno ...	c	cbcc	42	50	0·6	–	0·8
	Colwyn Bay...	cc	cbcc	40	48	0·3	–	0·4
	Rhyl	cb	cbcc	38	48	0·1	–	0·9
8	Wallasey ...	cbc	bcc	34	43	0·3	–	0·1
	Southport‖ ...							
	Blackpool ...	c	c	34	43	–	–	0·8
	Morecambe ...	cbc	cbcm	33	46	–	–	1·4
9	Ilkley... ...	ofqo	cqcc	29	38	–	–	0·0
	Harrogate ...	cc	cbc	30	38	–	–	0·1
10	Berwick-on-T.	cbc	c	29	40	–	–	1·0
11	Dunbar ..	bcm.	cm.	32	45	–	–	0·8
12	Troon... ...	ccqc	cccc	35	42	3	–	0·0
	Douglas ...	qmq	cmc	36	44	1	Trace	0·0

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



Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 7th Feb. 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light or moderate southeast wind, fresh locally on coast; fine; rather cold, night frost.
5 S.W. England 6 South Wales ...	Fresh or strong southeast wind, gale locally on coast; fair; rather cold.
7 North Wales ...	Moderate or fresh south wind, strong locally; fair; rather cold.
8 N.W. England 9 N. Midlands ... 10 N.E. England	Moderate or fresh south wind; fair or fine; rather cold, night frost.
11 S.E. Scotland	Moderate south wind, fresh locally; cloudy, perhaps slight local rain at first; rather cold.
12 S.W. Scotland & Isle of Man.	
13 A. W. Scotld. B.N.W. Scotland.	Fresh or strong south wind, gale locally on coast; cloudy, slight local rain at first; average temperature.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Southerly gale; cloudy, rain at first; average temperature.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Fresh or strong southerly wind, gale locally on coast; cloudy, slight local rain; mild.

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

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

GENERAL INFERENCE.

An anticyclone over Denmark and South Sweden is moving slowly southeast and is beginning to decrease in intensity, while a depression on the Atlantic is moving slowly northeast. Weather will be fair except locally in Scotland and Ireland

FURTHER OUTLOOK.

Little change. Fair for some days in Eastern England. Perhaps somewhat milder after tomorrow.

TIMES OF ISSUE OF GALE WARNINGS.

∀	South cone	"	"	0820 6th	in dists.	13B, 15, 16.
∀	"	"	"	1630 6th	" "	17, 18, 20.
∀	"	"	"	2030 6th	" "	5, 8, 11, 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.

Morning of

FRIDAY.
7TH FEBRUARY.

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 7th February, 1936.
No. 27105.

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

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	1033·8	+6	SE'E	3	bc	32	75	8	-	-	1	0	2-3	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1034·8	+8	E'S	4	b3o	34	65	6	-	-	1	0	Tr	-
	Manston ...	142	1035·0	+6	ESE	4	b	35	65	7	-	5	-	0	Tr	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1037·7	+6	SE	4	bc	38	95	7	-	-	6	0	4-6	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1030·3	+10	SE	6	c	41	65	7	2	-	-	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1025·8	+6	ESE	7	c	43	75	8	8	6	-	7-8	9	2500
	Scilly (St.Mary's)	163	1023·7	+6	S'E	6	c	46	75	7	5	7	6	4-6	9+	4000
	Guernsey ..	175	1029·5	+8	SE	5	bc	37	65	7	1	1	-	2-3	4-6	2500
6	Pembroke ...	142	1025·1	0	SE'S	8	cq	43	75	7	5	2	-	7-8	10	2500
7	Holyhead ...	26	1025·6	+6	SSE	4	c	43	65	7	-	1	-	0	9+	-
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1034·2	+8	SSE	5	c	37	95	7	5	7	-	4-6	7-8	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1030·9	+6	S	4	bc	36	75	7	4	-	-	2-3	2-3	4000
11	Inchkeith ...	190	1026·8	+4	S	2	bc3o	40	75	6	5	9	-	2-3	4-6	800
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1026·7	+6	S	6	c3o	41	85	6	-	3	-	0	10	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1013·9	-4	S	8	c	45	85	5	5	7	-	7-8	9+	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1021·5	+4	S	8	c	41	85	6	5	2	-	7-8	10	800
16	Lerwick ...	156	1020·9	+4	SSW	8	c	43	85	6	5	2	-	4-6	10	800
17	Blacksod Point	18	1010·4	+4	S'E	7	cq	49	85	7	9	-	-	10	10	800
18	Malin Head ...	52	1017·4	-2	S'E	5	c	45	65	7	5	7	-	4-6	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*		*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1014·2	+6	S	7	o	50	85	7	6	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	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)
1033·8	0	E	2	b3o	30	75	6	-	-	-	0	0	-	4	*
1033·6	-2	SE'E	2	b	28	85	7	-	-	1	0	1	-	4	*
1032·9	0	E	2	bc	28	85	6	-	-	1	0	2-3	-	4	*
1032·1	+2	E	3	bc3o	29	85	6	-	7	-	0	2-3	-	1	*
1031·6	-2	E	5	bc	30	75	8	-	-	5	0	2-3	-	1	3
1034·1	-2	E	3	bc3o	30	85	6	5	-	1	2-3	4-6	2500	4	3
1034·5	0	ESE	4	b	31	75	7	1	-	-	1	1	1500	1	*
1034·4	-1	SE	4	b	33	85	8	-	-	-	0	0	-	4	*
1035·9	0	SE'E	5	bc	35	85	7	4	4	-	2-3	4-6	2500	4	3
1034·8	-2	ENE	1	b	26	95	7	-	-	5	0	1	-	4	*
1034·2	-2	SE'E	1	bc3o	29	95	6	-	-	5	0	4-6	-	6	*
1032·5	-2	SE	3	bc	30	85	6	-	-	2	0	4-6	-	1	*
1033·4	-2	ESE	3	c3o	28	85	6	-	7	8	0	7-8	-	1	*
1031·0	0	SE'S	3	bc3o	33	75	6	-	-	2	0	4-6	-	4	*
1029·8	0	SE	5	bc	41	65	8	4	-	-	4-6	4-6	2500	1	4
1028·0	-2	SE'E	5	c	38	65	8	5	2	0	1	7-8	2500	1	3
1025·0	-2	ESE	7	bc	40	65	8	4	1	1	4-6	4-6	2500	1	4
1022·8	-2	SSE	6	c	423	75	7	8	7	3	2-3	7-8	2500	1	4
1029·1	-2	SE	4	bc	35	75	6	-	1	-	0	2-3	-	1	3
1024·7	-2	SE'S	8	cq	40	75	7	5	1	-	4-6	7-8	2500	1	4
1025·9	+2	SSE	4	c	41	65	8	5	2	-	4-6	10	4000	1	3
1030·0	-2	SSE	5	c3o	33	75	5	-	1	-	0	9+	-	1	*
1032·0	-2	SSE	3	c3o	34	75	5	-	5	6	0	9+	-	4	*
1034·2	0	S	4	bc	35	95	7	-	7	-	0	2-3	-	0	3
1032·7	-2	S'W	3	c3o	29	95	5	-	1	-	0	9	-	4	*
1031·4	0	S	4	bc	33	75	6	5	2	-	4-6	4-6	1500	4	2
1026·8	0	S	3	c	39	65	6	5	-	-	9+	9+	1500	0	2
1027·2	+2	S	2	c	37	55	7	5	2	-	4-6	10	4000	1	*
1026·7	+10	SE'S	2	rr0	38	75	4	5	-	-	10	10	1500	1	*
1028·9	0	SSE	3	c	33	75	5	5	1	-	2-3	9+	2500	4	*
1027·0	+2	S	6	o3o	39	75	6	5	-	-	10	10	2500	1	4
1018·2	+8	SSE	7	DD	43	95	7	6	2	-	7-8	9+	1500	1	x
1016·8	+10	S	7	c	45	75	5	5	2	-	7-8	10	1500	1	4
*	+2	S	6	rr	35	85	6	5	-	-	10	10	1500	1	*
1026·1	0	SSW	5	c	38	75	7	-	7	-	0	10	-	1	3
1020·6	-4	S	8	rr	41	95	6	6	-	-	10	10	800	1	4
1020·5	-2	SSW	8	c/r	43	95	6	8	2	-	7-8	10	800	1	*
1013·7	+10	S'E	5	c	49	75	8	9	-	-	7-8	7-8	1500	0	4
1018·6	+6	SSE	6	c	44	85	7	5	7	-	4-6	9+	1500	0	2
1023·0	+12	SSE	4	rr	41	85	7	6	2	-	9+	10	800	1	*
1020·1	+6	SSE	3	c	44	75	8	5	-	-	9	9	2500	1	*
1014·4	0	SE	7	c	50	65	8	5	7	6	2-3	7-8	2500	1	4
1020·4	+8	SSE	7	c	47	75	8	5	1	-	4-6	7-8	1500	1	4

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine Gth. Hrs. (36)
1	London (Kew)	44	30	19	-	-	5·2
	Croydon ...	45	28	21	-	-	7·1
	S. Farnborough	43	28	21	-	-	2·5
	Boscombe Down	43	28	25	-	-	2·7
	Calshot (Sthmtn.)	43	38	35	-	-	2·8
	Lympne ...	41	30	25	-	-	3·7
	Manston ...	41	27	26	-	Tr	7·1
2	Shoeburyness ...	43	32	27	-	-	6·3
	Felixstowe ...						
	Gorleston ...	42	34	32	-	-	5·6
	Mildenhall ...	43	25	20	-	-	6·7
	Cranwell ...	40	23	14	Tr	-	3·1
3	Birmingham ...	43	29	26	-	-	3·5
	Upper Heyford	43	27	23	-	-	*
4	Ross-on-Wye	45	31	22	-	-	0·5
5	Portland Bill ...	46	40	*	-	-	*
	Plymouth ...	47	38	34	-	-	1·4
	The Lizard ...	47	39	*	-	-	*
	Scilly (St.Mary's)	49	42	*	-	-	0·2
	Guernsey ..	46	35	28	-	-	3·4
6	Pembroke ...	47	40	*	Tr	-	0·0
7	Holyhead ...	46	41	41	-	-	0·0
	Chester(Sealand)	45	33	29	-	-	0·5
8	Manchester ...	45	34	30	-	-	3·0
10	Spurn Head ...	40	35	*	-	-	5·3
	Catterick ...	37	28	24	-	-	0·0
	Tynemouth ...	42	33	29	-	-	0·0
11	Inchkeith ...	44	38	31	-	-	0·2
	Leuchars ...	41	37	32	-	-	0·0
12	Renfrew (Abbots I.)	43	37	34	-	-	0·0
	Eskdalemuir ...	40	32	30	-	-	0·0
	Point of Ayre...	(43)	39	x	-	-	0·0
13A	Tiree	45	43	42	2	1	0·9
13B	Stornoway ...	46	44	*	06	0·1	0·0
15	Dalwhinnie ...	39	35	32	-	5	0·0
	Aberdeen ...	42	38	35	-	-	0·8
	Wick ...	42	40	*	-	1	*
16	Lerwick ...	43	41	*	-	0·6	0·0
17	Blacksod Point	55	47	*	1	Tr	*
18	Malin Head ...	46	42	*	-	-	0·0
	Aldergrove ...	45	40	39	1	4	0·0
19	Birr Castle ...	49	43	43	01	-	0·0
20	Valentia Obsy. †	53	49	45	01	Tr	0·0
	Roches Point	49	47	*	2	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. (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	bmxcq3oy	c3oy	bc3obmx	44	30	19	-	-	5·2	*	*	5
Croydon	217	bc3o	cbcy3o	bc3obvx	46	28	21	-	-	7·1	*	*	6
Greenwich (Royal Observatory)...	149	bc	bcb	bxrno	44	27	21	-	Tr	6·8	51	83	4
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	4·1	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	45	30	27	-	-	5·3	46	76	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	44	30	26	-	-	3·8	51	89	*
Camden Square	110	b	bbcb	*	44	29	17	-	-	*	*	85	*
Kensington	80	b3ob	bc3	*	44	30	19	-	-	6·1	At 18h. 55	77	*
Hampstead Observatory	450	8m	bc	bcmx	42	27	15	-	-	3·5	*	90	*

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

South Kensington.

Max.	Time.	Min.	Time.
1·0	18-19h 6th	0·3	4-5h 7th.

Kew Observatory.

Max.	Time.	Min.	Time.
0·9	19h 6th	0·1	4h 7th

FOREIGN OBSERVATIONS.

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

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1013·8	E	2	bc3o	34
Brussels	1033·8	E	2	bc	34
Berlin	1030·9	N'E	4	bc	32
Zürich	1028·4	E	2	bc	28
Rome	1012·9	NNE	7	b	37

7h. G.M.T. 7th February

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1032·5	ENE	2	b	27
1035·4	ENE	3	b3oc	23
1027·6	E	3	bc	26
1010·1	N	7	c	36

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
39	27	-	-
39	23	-	-
34		0·4	
36	23	0·1	Tr
x	x	x	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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METEOROLOGICAL OFFICE, AIR MINISTRY, ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2. 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 8th February, 1936.
No. 27106

DISTRICT.	STATIONS. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T 7th February																	OBSERVATIONS at 18h. G.M.T. 7th February																	PAST 24 HOURS.			
											Cloud.													Cloud.													WEATHER.			
				Wind.						Form.			Amount.		Height of Base (feet)					Wind.					Form.			Amount		Height of Base (feet)	State of Ground.	Sea.	7h.–12h. 7th.	13h.–18h. 7th.	18h.–1h. 7th to 8th.	1h.–7h. 8th.
		Barom. at M.S.L. mb.	Change in 3 hours.	Direc.	Force 0–12	Weather.	°Temp. F.	%Humid.	Visibility 0–9	Low	Med.	High	Low 0–10	Total 0–10		Barom. at M.S.L. mb.	Change in 3 hours.	Direc.	Force 0–12	Weather.	°Temp. F.	%Humid.	Visibility 0–9	Low.	Med.	High.	Low 0–10	Total 0–10		0–9						
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(37)	(38)	(39)	(40)
1	London (Kew)	1023·5	-4	S'E	3	bz_o	37	55	6	-	-	-	0	0	-	1031·8	-6	E	3	bz_o	34	55	6	-	-	-	0	0	-	1	*	bz_o	bz_o	bz_o	bz_o
	Croydon ...	1033·5	-6	SE'E	3	bz_o	38	55	6	-	-	1	0	1	-	1031·6	-6	E	3	bz_o	31	65	5	-	-	-	0	0	-	1	*	$bm_o z_o$	$bz_o y$	$bz_o bx$	bvx
	S. Farnborough	1033·0	-8	SE	3	bz_o	40	55	6	1	-	-	Tr	Tr	2500	1032·2	-2	E	2	bz_o	32	55	5	-	-	1	0	1	-	0	*	$xbz_o y$	$bz_o y$	$bm_o x$	$bm_o x$
	Boscombe Down	1032·2	-6	ESE	4	b	39	65	7	5	7	-	Tr	1	2500	1030·4	-6	ESE	3	b	32	65	7	-	2	-	0	Tr	-	1	*	$bf m_o b$	b	bx	bx
	Calshot (Sthmtn.)	1031·9	-2	E	5	bc	40	75	7	7	-	-	2·3	2·3	1500	1030·3	+2	ENE	3	b	35	75	7	5	-	-	1	1	2500	1	3	bcm bc	beb.	bbx	bcx
	Lympne ...	1034·3	-8	E'S	4	b	34	75	7	1	-	-	Tr	Tr	1500	1031·9	-8	ENE	3	b	31	65	6	-	-	-	0	0	-	1	§3	$bez_o xb$	$by bz_o$	$bz_o bx$	$bbc bx$
	Manston ...	1034·4	-10	E'S	4	b	37	55	7	-	-	-	0	0	-	1032·2	-10	E'S	4	b	33	65	7	-	-	-	0	0	-	1	**	b	by	$bbc bq$	$bq bcq$
2	Shoeburyness ...	1034·6	-2	SE'E	4	b	37	65	7	1	-	-	Tr	Tr	5700	1032·6	-8	E	4	b	34	75	8	-	-	-	0	0	-	1	*	bbcb	bybv	bvx	bvxc
	Felixstowe ...																																		
	Gorleston ...	1036·4	-8	SE	5	b	38	75	7	-	-	-	0	0	-	1034·5	+2	E	4	b	36	75	7	-	-	-	0	0	-	1	2	bcbq	b	bq	bcq
	Mildenhall ...	1034·8	-6	SE'E	4	b	38	55	7	1	3	-	Tr	1	2500	1033·5	-4	ENE	1	b	32	65	7	-	3	-	0	Tr	-	4	*	$bxbc x m_o$	bcb.	bx	bbcx
	Cranwell ...	1034·3	-6	SE'E	4	bcz_o	37	75	6	2	-	5	Tr	2·3	2500	1033·5	-8	SE'E	3	bz_o	29	75	6	-	-	8	0	1	-	6	*	$bcbm_o$	bz_o	$bm_o x$	$bm_o x$
3	Birmingham ...	1032·5	+4	SE	4	bc	38	55	6	-	-	1	0	2·3	-	1031·5	-2	ESE	3	b	33	65	5	-	-	1	0	1	-	1	*	bcb	b	b	b
	Upper Heyford	1033·9	0	SE'E	3	bz_o	36	65	5	-	-	-	0	0	-	1031·9	-6	E	3	bcz_o	31	65	6	-	7	-	0	2-3	-	1	*	$bcx bm_o$	bz_o	$bz_o xm_o$	$bx m_o$
4	Ross-on-Wye	1031·0	0	SE	3	bc	40	55	7	-	-	2	0	4-6	-	1029·9	-4	E'S	2	bz_o	35	65	6	-	-	1	0	1	-	1	*	$cz_o bc$	$bcy b$	bz_o	bb
5	Portland Bill ...	1029·9	0	SE	5	bc	42	65	7	4	-	-	2·3	2·3	2500	1027·9	-10	ESE	6	bc	39	75	7	4	-	-	2-3	2-3	2500	1	4	bc	bc	bbc	cc
	Plymouth ...	1028·5	-2	SE'E	5	bc	43	55	8	-	4	2	0	4-6	-	1026·5	-8	ESE	3	b	38	65	8	-	-	2	0	1	-	1	2	cvbey ⊕	bcybc	bcb	bcc
	The Lizard ...	1025·7	0	ESE	7	c	42	65	8	4	2	-	7-8	9+	2500	1023·8	-10	ESE	7	c	40	65	8	5	1	-	4-6	10	2500	1	4	bcc	c	cb	bbccq
	Scilly (St.Mary's)	1024·0	+6	SSE	6	c	42	65	7	5	2	-	4-6	10	2500	1021·7	-14	SE'S	6	bc	41	65	7	1	-	5	2·3	4-6	4000	1	4	c	cbc	bcb	bbcc
	Guernsey ...	1028·1	-4	ESE	5	b	40	55	7	-	1	-	0	1	-	1027·1	-10	E	4	b	38	55	7	-	-	-	0	0	-	1	4	bcb.	bbc	bbc	bcc
6	Pembroke ...	1026·3	0	SSE	8	cq	42	65	7	5	1	-	4-6	10	2500	1025·0	-8	SE'S	8	cq	41	55	7	5	1	-	4-6	9	2500	1	4	cq	cqy	bcq	cq
7	Holyhead ...	1027·2	+2	S'E	4	c	43	45	8	-	1	1	0	9	-	1026·6	-6	SE'S	4	c	42	45	7	-	8	8	0	7-8	-	1	2	cy	cy	⊕ cyb	$bz_o x$
	Chester(Sealand)	1030·1	-4	SSE	6	cz_o	41	55	6	-	7	8	0	7-8	-	1030·1	+12	ESE	3	bcz_o	33	65	6	-	7	8	0	4-6	-	1	*	$cx bcz_o$	bcz_o	bc	$bc bx$
8	Manchester ...	1032·5	+2	SSE	4	cz_o	38	55	6	-	7	6	0	7-8	-	1031·3	-2	SE'E	4	bm	34	65	4	-	-	1	0	1	-	1	*	$cbcz_o$	$bcz_o bz$	$bz m$	$bm_o x$
10	Spurn Head ...	1034·9	+2	SSE	5	bc	38	85	7	-	1	1	0	2-3	-	1033·4	-6	SSE	4	bc	37	75	8	-	1	-	0	2-3	-	0	3	bc	bc	bcb	bbcc
	Catterick ...	1033·1	-4	SW	3	cz_o	36	75	6	-	8	6	0	7-8	-	1032·5	+2	S'E	3	bcz_o	32	85	6	-	4	8	0	2-3	-	4	*	$cm_o xcm_o$	$cm_o bcm_o$	$bcbm_o x$	$bm_o x$
	Tynemouth ...	1032·2	+4	S	3	c	35	85	6	5	-	-	7-8	7-8	1500	1031·0	-4	S	3	c	36	85	6	4	-	-	7-8	7-8	4000	4	2	bcc	c	cbc	bc
11	Inchkeith ...	1028·9	+4	SE	3	oz_o	36	95	6	5	-	-	10	10	800	1028·0	-4	SSE	2	c	37	85	7	5	1	-	4-6	7-8	1500	1	1	$csrsz_o$	$z_o c$	c	bcz
	Leuchars ...	1029·9	+2	SE	1	rs	35	95	5	5	2	-	4-6	10	2500	1029·5	-2	-	0	cz_o	34	95	5	-	7	7	0	10	-	1	*	$cors_o m_o$	$crn_o r_o c$	$cm_o bcx$	bxm_o
12	Renfrew (Abbots I.)	1028·8	+4	ESE	2	cz_o	38	75	5	5	2	-	4-6	10	4000	1028·7	+4	S'E	2	oz_o	39	45	5	5	7	-	2-3	9+	7200	1	*	$r_o r_o sc$	$cz_o y$	$cz_o yb$ fx	$bx ff$
	Eskdalemuir ...	1030·3	+4	SSE	4	c	35	55	6	5	1	-	4-6	10	2500	1029·8	-2	S'E	3	c	33	45	6	5	1	-	4-6	7-8	2500	4	*	$cz_o y$	$cz_o y$	$cybcz$	$bczbx$
	Point of Ayre...	1028·3	0	S'E	7	cz_o	39	75	6	8	1	-	7-8	10	2500	1027·8	-4	S'E	7	bc	39	66	8	8	4	-	4-6	4-6	2500	1	4	oz	ocbc	bc	bc
13A	Tiree	1020·9	+10	SE'S	8	cz_o	43	85	6	5	7	7	4-6	10	2500	1021·5	+4	SE	7	ir_o	41	85	6	5	7	7	7-8	10	2500	1	6	cz_o	$z_o ir_o$	$cirz_o$	$cz_o bc$
13B	Stornoway ...	1018·6	+8	SSW	8	pr	45	75	6	5	2	-	7-8	10	1500	1019·7	-6	SSW	6	c	45	55	6	5	2	-	7-8	10	1500	1	3	cpr.	cpry	c	c
15	Dalwhinnie ...	1027·2	+8	S	6	rs_o	36	85	6	4	6	-	4-6	10	2500	1028·0	0	S	5	c	35	65	7	4	6	-	4-6	9	2500	0	*	srsc	c	*	cbc
	Aberdeen ...	1028·3	+6	SSW	4	ir_o	37	85	6	5	2	-	4-6	10	1500	1029·1	+6	SW'S	2	cz_o	38	75	5	-	7	-	0	10	-	1	2	ccir	$cr_o z_o$	$cz_o bc$	bcxc
	Wick ...	1019·2	+8	SSW	6	c	43	85	7	5	2	-	7-8	10	1500	1025·0	+12	SSW	3	c	43	85	6	5	2	-	9	10	1500	1	2	cpr.	c	c	c
16	Lerwick ...	1022·7	+16	SSW	7	ir_o	41	95	5	9	2	-	7-8	10	450	1024·1	+10	SW	5	c	42	95	5	5	2	-	7-8	9+	800	1	*	$cir_o m_o$	$cir_o m_o$	cm_o	cm_o
17	Blacksod Point	1015·1	+2	ESE	4	c	46	65	7	-	7	-	0	7-8	-	1013·8	-10	ESE	7	bc	45	75	7	-	7	-	0	4-6	-	0	4	c	beq	bcq	cc
18	Malin Head ...	1020·0	+2	SSE	5	c	43	75	7	5	7	-	4-6	10	1500	1018·9	-8	SSE	6	c	43	65	7	5	7	-	7-8	10	1500	0	3	c	c	c	cbc
	Aldergrove ...	1024·7	+2	SSE	5	c	41	85	6	5	2	-	4-6	9+	2500	1025·2	+4	SE	5	c	40	75	6	5	7	-	4-6	9+	2500	1	*	$crrir_o$	$cm_o e$	bcb	b
19	Birr Castle ...	1020·9	+2	SSE	4	c	44	75	8	5	-	-	9+	9+	2500	1021·3	+4	SSE	8	c	42	75	8	5	2	-	9	10	2500	1	*	c	c	cbc	bcx
20	Valentia Obsy. †	1014·9	-4	SE	7	bc	51	55	8	5	4	1	1	4-6	4000	1014·7	0	SE	7	c	47	55	8	-	4	2	0	7-8	-	1	5	cbey	bcey	cybc	bcy
	Roches Point	1021·7	-2	SSE	7	c	46	65	8	5	3	-	4-6	7-8	1500	1020·7	-4	SSE	7	bc	45	65	8	5	1	-	4-6	4-6	1500	1	5	c	cbc	cbc	bcc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{10}$ of the sky.
"9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

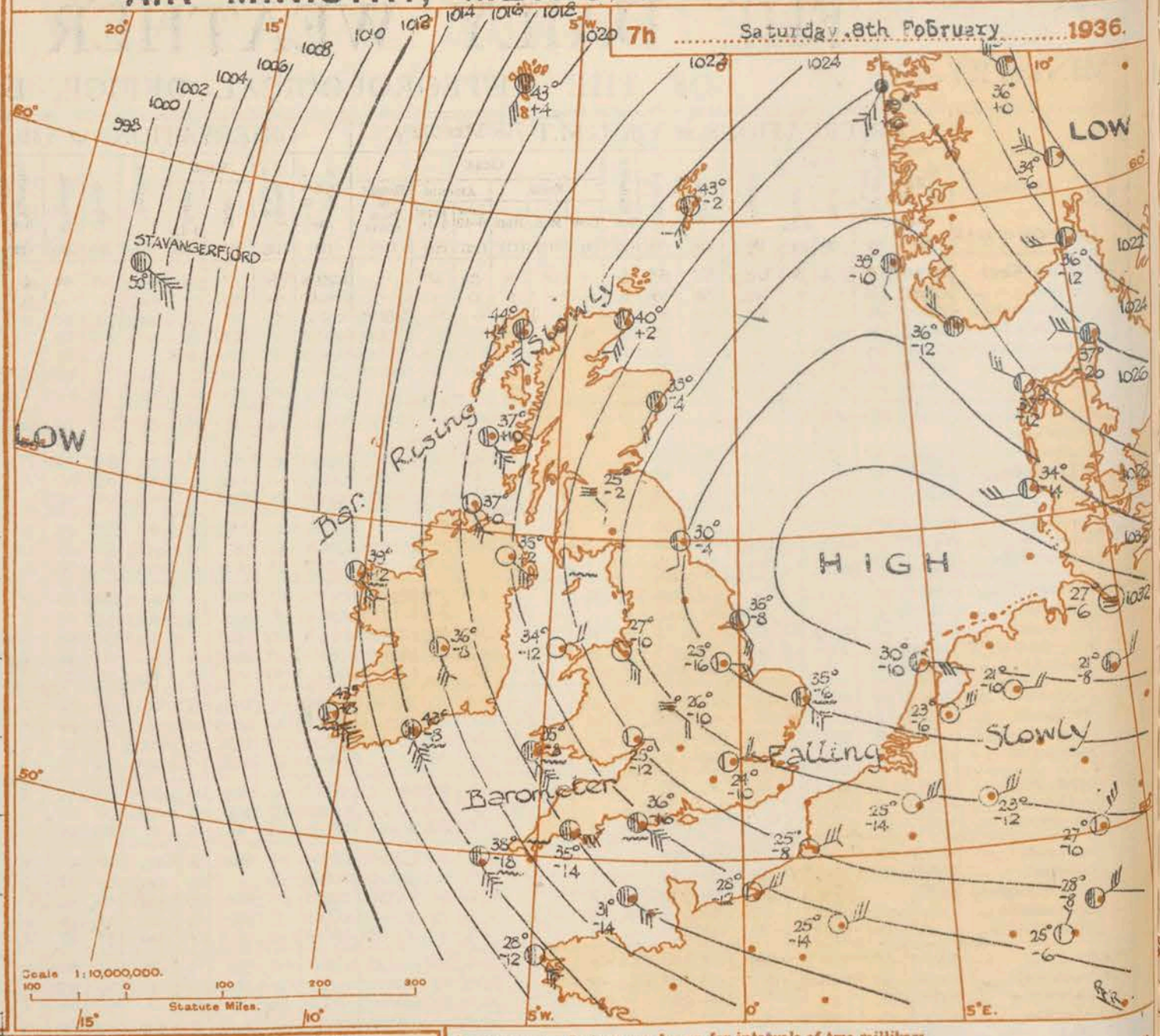
REPORTS from HEALTH RESORTS for 7th February 1936.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 6th to 9h. 7th	Temperature. Max. 9h.—17h. 7th	Rainfall. Night. 17h. 6th to 9h. 7th	Rainfall. Day. 9h.—17h. 7th	Sunshine. Sunrise to Sunset. 7th
1	Tunbridge W.	b	b	26	36	–	–	8·5
	Bournemouth	b	b	36	42	–	–	8·5
	Ventnor ...	x|o	b	36	42	–	–	8·4
	Southsea ...	b	b	36	41	–	–	8·2
	Bognor Regis	b	b	37	39	–	–	8·2
	Littlehampton	b|b	b	34	40	–	–	7·9
	Worthing ...	b	b	32	40	–	–	7·4
	Brighton ...	b	b	35	40	–	–	8·3
	Eastbourne†	b	b	36	40	–	–	8·2
	Hastings† ...	b|b|b	b	33	40	–	–	8·0
	Folkestone ...	b|b|b	b	30	37	–	–	8·4
	Dover... ...	b	b	32	40	–	–	8·7
	Deal	b	b	32	41	–	–	8·6
	Ramsgate ...	b	b	32	38	–	–	8·6
	Margate ...	bc	bc	32	38 ✓	–	–	8·0
2	Southend ...	b	b	32	40½	Trace	–	8·8
	Maldon ...	x|o	b	29	37	–	–	7·8
	Clacton-on-Sea	bc	b|b|y|o	34	37	–	–	7·2
	Dovercourt ...	x|bc	b|v	34	40	–	–	8·1
	Lowestoft ...	b	b	34	38	–	–	8·2
	Skegness ...	bc	b	34	38	–	–	8·3
	Mablethorpe	b|x	b	33	39	–	–	8·2
	Cleethorpes ...	b|c|x	b	28	39	–	–	8·2
3	Leamington S.	bc	bc	28	40	–	–	7·3
4	Cheltenham†	b|c|g|b	b	30	40	–	–	8·1
5	Bath	b	b	32	41	–	–	8·5
	Weymouth ...	b	b	38	48	–	–	8·4
	Jersey ...	b	b	38	41	–	–	8·8
	Torquay ...	b|c|b|o	b|q	39	48	–	–	5·5
	Penzance ...	c	c|q|b|b	42	44	–	–	3·0
	St. Ives ...	c	c	40	43	–	–	0·0
	Bude	bc	bc	37	43	–	–	5·2
	Ilfracombe ...	c|b|c	bc	37	44	–	–	4·5
6	Aberystwyth	c|b|c	b|b|c	35	43	–	–	4·8
7	Llandudno ...	c|b|c	b|c|c	37	44	–	–	2·1
	Colwyn Bay...	c|b|c|c	b|c|b|c|b	36	42	–	–	0·4
	Rhyl	c	c|b|c	35	42	–	–	0·3
8	Wallasey ...	c|b|c	b|c	33	40	–	–	0·7
	Southport‖ ...	b|c|c	c|b|c	34	39	–	–	0·0
	Blackpool ...	c	c	34	39	–	–	0·0
	Morecambe ...	c	c|m	35	41	–	–	0·0
9	Ilkley... ...	c	c	27	36	–	–	2·4
	Harrogate ...	b|c|b	b|c|b	28	38	–	–	4·1
10	Berwick-on-T.	c	c|b|c	33	39	–	–	0·0
11	Dunbar ...	c	c	35	41	–	–	0·0
12	Troon... ...	o|c|h|c|c	c|c|c|c	32	50	–	Trace	0·0
	Douglas ...	c|m|m	c|c|l|o|g	36	42	–	–	0·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Saturday, 8th February ..... 1936.



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 8th Feb., 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Moderate or light east or southeast wind, fresh locally on coast; fair or fine; cold, night frost, sharp inland.
5 S.W. England 6 South Wales ...	Fresh or strong southeast wind; fair; cold.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Light or moderate southeast wind; fair or fine; cold, sharp night frost.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. / B.N.W.Scotland.	Wind south or southeast, light or moderate inland, strong on coast; fair or fine; cold, sharp night frost inland.
14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	Light or moderate south wind, backing somewhat; fair; cold, sharp night frost inland.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	As 5 - 6.

GENERAL INFERENCE.

The anticyclone centred over North Germany is now declining decidedly. The Atlantic depression is almost stationary but a trough off Spain is advancing. A depression over Finland is moving southeast and a new anticyclone will follow behind it. Weather will be fair and cold.

FURTHER OUTLOOK.

Perhaps rain, sleet or snow in the Southwest; no important change elsewhere.

TIMES OF ISSUE OF GALE WARNINGS.

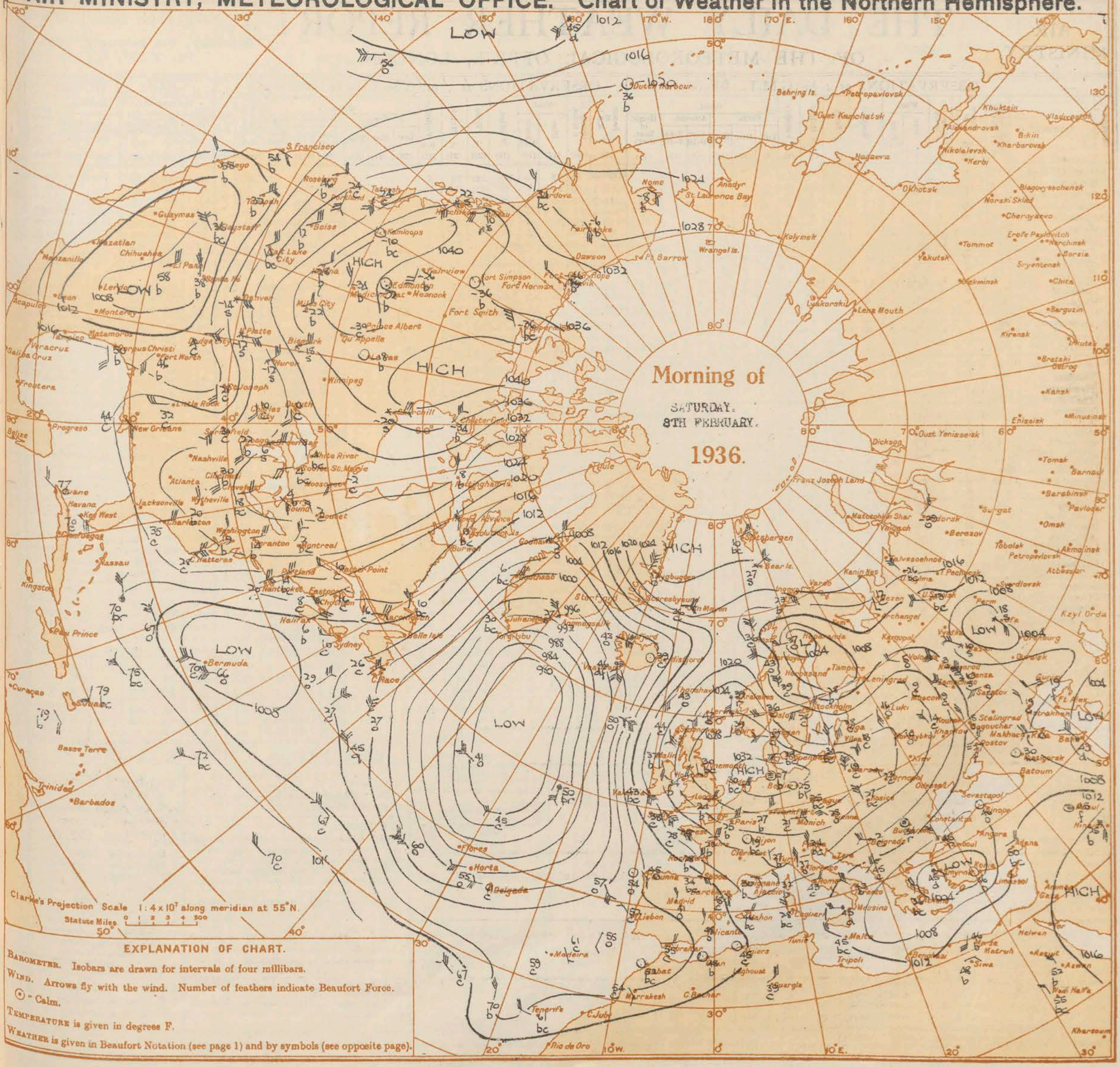
South cone hoisted 1630 6th in districts 17,20.
" " " 2030 6th " " 5, 6.

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 the wind. Number of feathers indicate Beaufort Force.

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 8th February, 1936.

No. 27106

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. 0-Force	Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud. Form. Low	Form. Med.	Form. High	Amount. Low 0-10	Amount. Total 0-10	Height of Base. (feet)
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1029·2	-10	ESE	4	b	30	85	8	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1030·3	-10	E'S	5	b	30	68	7	1	-	-	1	1	4000
	Manston ...	142	1030·3	-8	ESE	4	bq	31	65	7	1	-	-	1	1	2500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1031·9	-8	SE'E	5	b	35	85	7	-	8	-	0	Tr	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1025·5	-10	E	6	c	38	95	7	4	-	-	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1022·7	-6	ESE	7	b	39	65	8	-	-	-	0	0	-
	Scilly (St.Mary's)	163	1021·2	-4	SE'S	6	b	41	65	8	-	-	-	0	0	-
	Guernsey ..	175	1025·1	-8	ESE	5	bc	34	85	7	1	-	-	2-3	2-3	2500
6	Pembroke ...	142	1024·7	+2	SE	6	bcq	36	85	7	6	-	-	2-3	2-3	4000
7	Holyhead ...	26	1026·4	-2	E'N	2	b3o	36	75	6	-	-	-	0	0	-
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1031·9	-2	SE'S	5	b	36	85	8	-	-	-	0	0	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1031·5	0	S	2	bc	30	85	6	5	-	-	2-3	2-3	800
11	Inchkeith ...	190	1028·9	-2	S	1	c	34	85	7	5	6	-	4-6	7-8	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1026·7	-2	S'E	7	bc	36	75	7	-	-	2	0	2-3	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1020·2	+10	SSW	6	c	45	85	7	5	2	-	7-8	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1024·0	-16	SSW	4	c	42	85	7	5	2	-	9	10	1500
16	Lerwick ...	156	1024·9	+4	SW	4	c	43	85	6	8	7	-	7-8	9	800
17	Blacksod Point	18	1013·8	0	ESE	8	c	41	75	7	-	4	-	0	7-8	-
18	Malin Head ...	52	1019·3	+10	SSE	7	bc	39	95	7	5	3	-	2-3	4-6	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1013·8	0	SE	7	bc	43	85	8	-	8	-	0	2-3	-
	Roche's Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud. Form. Low	Form. Med.	Form. High	Amount. Low 0-10	Amount. Total 0-10	Height of Base (feet)	State of Ground. 0-9	Sea. 0-9
	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	1027·0	-14	E	3	b3o	29	75	6	-	-	-	0	0	-	4	*
	1027·1	-10	E'N	2	b3o	24	85	7	-	3	-	0	Tr	-	1	*
	1026·7	-12	NE'E	2	b	25	85	6	-	-	-	0	0	-	4	*
	1026·1	-12	NE'E	3	b	25	85	7	-	2	-	0	Tr	-	1	*
	1024·9	-16	NE	4	bc	31	85	8	5	3	-	4-6	4-6	4000	4	§3
	1027·3	-14	E'S	5	b	30	68	7	1	-	-	1	1	2500	4	§3
	1027·7	-10	E'N	4	bcq	31	65	7	1	-	-	4-6	4-6	1500	1	*
2	1027·9	-14	E	5	cq	33	75	8	9	2	-	7-8	10	1500	4	*
	1029·8	-6	ESE	5	bc	35	75	7	5	-	-	2-3	2-3	4000	1	4
	1028·9	-10	NE'E	2	bc	24	95	7	5	-	-	4-6	4-6	1500	4	*
	1029·2	-16	E	2	b3o	25	95	6	-	4	-	0	Tr	-	6	*
3	1028·0	-10	ESE	2	bm	26	95	4	-	-	-	0	0	-	4	*
	1027·8	-10	NE	2	e3o	25	95	6	5	-	-	9+	9+	2500	1	*
4	1026·5	-12	E	1	b	25	85	6	5	-	-	Tr	Tr	4000	4	*
5	1022·4	-16	ESE	6	c	36	95	7	4	-	-	7-8	7-8	2500	1	5
	1021·4	-14	E	4	c	35	65	7	8	-	-	7-8	7-8	2500	1	3
	1018·6	-16	E'S	7	c	37	65	8	8	-	-	7-8	7-8	2500	1	4
	1017·7	-18	SE	6	c	38	75	7	8	-	-	7-8	7-8	2500	1	4
	1022·4	-14	ESE	5	c	31	75	7	5	-	-	7-8	7-8	2500	0	4
6	1022·1	-8	SE	7	cq	35	85	7	8	6	-	2-3	7-8	2500	1	4
7	1024·7	-12	ENE	2	b	34	75	9	-	-	-	0	0	-	5	1
	1027·5	-10	SE'E	3	b3o	27	85	6	-	-	-	0	0	-	1	*
8	1028·5	-10	SE'E	3	b3o	28	85	5	-	-	-	0	0	-	4	*
10	1030·0	-8	SE'S	3	c	35	85	8	5	7	-	4-6	7-8	1500	0	2
	1030·3	-10	-	0	b3o	19	95	5	-	-	-	0	0	-	4	*
	1030·0	-4	S	1	bc	30	95	6	5	-	-	4-6	4-6	1500	4	1
11	1028·0	-2	S	1	bcm	31	85	4	5	-	-	4-6	4-6	800	4	1
	1028·7	-6	W	1	b3o	23	85	5	-	4	-	0	Tr	-	4	*
12	1028·3	-2	E'S	1	f3o	25	85	3	-	-	-	0	0	-	4	*
	1030·0	-4	N	1	b	19	65	8	-	-	1	0	Tr	-	4	*
	1026·0	-4	SSE	6	bc	34	75	8	-	2	-	0	2-3	-	4	4
13A	1022·4	+10	SE	6	bc	37	85	7	5	4	-	2-3	2-3	4000	0	*
13B	1022·1	+14	S	4	c	44	85	7	5	7	-	4-6	7-8	1500	1	3
15	1028·0	+2	S	4	bc	31	45	8	4	-		2-3	2-3	4000	4	*
	1027·5	-4	SW'S	2	c	33	65	7	-	3	8	0	7-8	-	4	1
	1024·7	+2	SSW	4	c	40	65	7	5	7	-	4-6	7-8	2500	1	3
16	1024·7	-2	SW	4	c	43	85	6	5	2	-	7-8	10	1500	1	*
17	1015·8	+12	ESE	4	bc	39	75	8	-	4	-	0	2-3	-	0	4
18	1021·2	0	SSE	4	b	37	75	7	5	-	-	1	1	2500	0	2
	1024·3	+2	ESE	4	b	35	85	7	-	-	-	0	0	-	4	*
19	1019·1	-8	SSE	4	bc	36	85	8	5	-	-	4-6	4-6	2500	1	*
20	1013·6	+8	SE'E	-	bc	43	95	8	7	4	1	2-3	2-3	4000	1	5
	1018·7	-8	SSE	7	c	43	75	7	5	-	-	7-8	7-8	1500	1	5

PAST 24 HOURS.

District	Temperature. Max. Day 7h–18h °F.	Min. Night 18h–7h °F	Min. on Grass °F.	Rainfall. Day 7h–18h mm.	Rainfall. Night 18h–7h mm.	Sunshine 7h. Hrs.
	(31)	(32)	(33)	(34)	(35)	(36)
1	38	28	21	-	-	6·8
	39	24	17	-	-	8·3
	41	24	19	-	-	8·5
	39	25	22	-	-	8·3
	40	30	28	-	-	8·4
	35	29	25	-	-	8·6
	38	30	25	-	-	8·7
	37	31	27	-	-	8·7
	38	34	32	-	-	8·6
	39	24	20	-	-	6·6
	37	25	20	-	-	7·7
	38	25	22	-	-	7·1
	36	24	20	-	-	*
	41	25	15	-	-	7·7
	42	35	*	-	-	*
	43	35	31	-	-	6·1
	43	36	*	-	-	*
	43	38	*	-	-	0·6
	40	30	25	-	-	8·7
	43	35	*	-	-	1·0
	44	32	22	-	-	0·6
	41	27	22	-	-	2·7
	41	27	23	-	-	2·8
	39	35	*	-	-	7·7
	37	19	12	-	-	2·1
	38	28	26	-	-	2·2
	39	31	18	5	-	0·0
	38	23	18	4	-	0·0
	39	25	16	0·2	-	0·0
	36	19	14	-	-	0·0
	40	34	*	-	-	0·0
	44	36	35	0·1	Tr	0·0
	46	43	*	0·1	-	0·0
	36	27	21	2	-	0·0
	39	33	27	0·2	-	0·0
	43	40	*	1	-	*
	44	41	*	2	-	0·0
	52	38	*	-	-	*
	44	34	*	-	-	0·0
	42	33	32	1	-	0·0
	44	35	30	-	-	0·0
	51	43	38	-	-	5·8
	47	43	*	-	-	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	b3o	b3o	b3o	38	28	21	-	-	6·8	*	*	5
Croydon	217	bm3o	b3oy	b3obvx	39	24	17	-	-	8·3	*	*	6
Greenwich (Royal Observatory)	149	b	b	bxcm	38	27	21	-	-	7·5	61	79	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	4·5	*	*	*
Westminster (St. James' Park)	27	*	*	*	39	30	26	-	-	6·0	59	91	*
Regents Pk. (Botanic Gardens)†	168	*	*	*	38	30	25	-	-	3·8	66	98	*
Camden Square	110	bfb	b	*	37	28	18	-	-	*	*	90	*
Kensington	80	b3bc3	bc3	*	37	29	20	-	-	6·2	At 13h. 61	81	*
Hampstead Observatory	450	om	bc	bcx	35	26	17	-	-	4·5	*	91	*

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 7th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 8th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1028·3	E	3	b	32	1023·1	ENE	3	b	25
Brussels	1031·7	ENE	3	b	28	1027·0	ENE	3	b	25
Berlin	1033·6	NNE	4	c	32	1032·0	-	0	b	25
Zürich	1024·6	NE	3	0	27					
Rome	1009·3	NNE	8	c	41					

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
1·0	18-19h 7th	<0·3	2h 8th

Kew Observatory. Max.	Time.	Min.	Time.
0·8	8h 7th	0·1	2h. 8th

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
37	25	-	-
32	23	-	-
34	23	Tr	-
34	*	-	
*	*	-	

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 —Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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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, 9th February, 1936.
No. 27107

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

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)	1023·4	-30	E	5	bcz$_o$	36	65	6	5	-	-	2-3	2-3	2500
	Croydon ...	1023·0	-30	E	5	bc	35	65	6	1	-	-	2-3	2-3	4000
	S. Farnborough	1022·8	-22	E'N	4	b	36	55	6	1	-	-	Tr	Tr	2500
	Boscombe Down	1022·3	-26	E'N	4	b	34	55	7	-	-	-	0	0	-
	Calshot (Sthmtn.)	1021·7	-22	NE'E	5	b	37	65	7	4	-	-	1	1	2500
	Lympne ...	1023·8	-26	NE'E	5	b	34	65	8	1	-	-	Tr	Tr	1500
	Manston ...	1024·3	-26	EN	5	bq	35	66	8	1	-	-	1	1	1500
2	Shoeburyness ...	1024·4	-20	E'N	5	bcq	37	75	8	7	-	-	4-6	4-6	2500
	Felixstowe ...														
	Gorleston ...	1027·7	-10	E	5	bc	36	85	6	5	-	-	4-6	4-6	2500
	Mildenhall ...	1026·1	-20	E	4	bc	37	65	8	5	-	-	2-3	2-3	1500
	Cranwell ...	1027·0	-14	E	4	bcz$_o$	37	65	6	1	-	-	4-6	4-6	4000
3	Birmingham ...	1025·2	-18	ESE	4	bc	32	65	6	1	-	-	4-6	4-6	2500
	Upper Heyford	1024·7	-22	E	4	b	35	65	7	4	-	-	1	1	2500
4	Ross-on-Wye	1023·1	-20	E'N	3	b	35	65	7	1	-	9	Tr	Tr	4000
5	Portland Bill ...	1018·9	-20	E	6	c	38	85	7	4	-	-	9+	9+	2500
	Plymouth ...	1018·4	-20	E'S	4	c	38	65	8	5	-	-	9	9	2500
	The Lizard ...	1015·7	-16	E'S	7	c	37	65	8	8	-	-	9	9	2500
	Scilly (St. Mary's)	1015·1	-14	SE'E	6	c	38	75	7	8	-	-	9	9	2500
	Guernsey ...	1018·5	-26	E	5	bc	34	85	7	5	-	-	4-6	4-6	2500
6	Pembroke ...	1020·4	-6	SE'E	6	cq	36	85	7	8	-	-	7-8	7-8	2500
7	Holyhead ...	1022·9	-10	SE'S	1	bc	42	85	8	-	-	1	0	2-3	-
	Chester (Sealand)	1025·4	-14	SE	4	bz$_o$	38	55	6	1	3	-	Tr	1	2500
8	Manchester ...	1026·4	-16	SSE	4	bz$_o$	37	65	5	1	-	1	Tr	1	2500
10	Spurn Head ...	1027·8	-12	SE	4	bc	39	75	8	1	6	-	2-3	4-6	2500
	Catterick ...	1027·9	-20	-	0	bcz$_o$	36	75	6	4	-	1	4-6	4-6	2500
	Tynemouth ...	1028·6	-12	S	2	bc	38	75	6	5	-	-	2-3	2-3	1500
11	Inchkeith ...	1027·3	-6	E	2	c	38	75	8	5	-	1	4-6	7-8	2500
	Leuchars ...	1027·8	-10	-	0	bcz$_o$	35	65	6	-	-	2	0	2-3	-
12	Renfrew (Abbotsf.)	1026·6	-12	NE'E	2	bm	36	65	4	-	-	-	0	0	-
	Eskdalemuir ...	1026·6	-14	SSE	2	bc	40	35	8	-	4	1	0	2-3	-
	Point of Ayre ...	1024·7	-10	SE'S	6	b	38	65	7	-	4	-	0	1	-
13A	Tiree	1022·7	-6	SE'E	5	bc	43	55	7	-	4	6	0	2-3	-
13B	Stornoway ...	1023·8	+8	S	3	c	47	45	8	-	-	2	0	7-8	-
15	Dalwhinnie ...	1026·4	-8	S	3	bc	42	?	8	-	-	2	0	2-3	-
	Aberdeen ...	1027·4	-10	SW	3	bcz$_o$	39	55	6	-	-	2	0	4-6	-
	Wick ...	1024·5	0	SSW	4	bc	44	48	8	7	7	1	2-3	4-6	4000
16	Lerwick ...	1025·5	+2	SW	3	bc	45	85	6	5	7	9	2-3	4-6	1500
17	Blacksod Point	1016·5	+6	ESE	4	bc	40	75	7	1	-	-	2-3	2-3	800
18	Malin Head ...	1021·3	0	SE'S	4	bcz$_o$	42	75	6	5	-	9	1	2-3	2500
	Aldergrove ...	1022·9	-12	SE	4	bz$_o$	40	65	6	7	-	5	Tr	1	2500
19	Birr Castle ...	1019·9	+8	SSE	2	bc	37	65	8	5	-	-	4-6	4-6	2500
20	Valentia Obsy. †	1013·6	+2	E'S	6	bc	44	55	8	7	-	-	4-6	4-6	1500
	Roches Point	1017·7	-8	SE	6	c	40	65	8	5	-	-	7-8	7-8	1500

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1019·7	-18	ENE	4	cz$_o$	35	75	6	5	-	-	9	9	2500	4	*
1019·5	-12	E	3	cz$_o$	34	85	6	4	-	-	7-8	7-8	2500	0	*
1019·2	-6	E'N	4	bcz$_o$	33	75	5	5	-	-	2-3	2-3	2500	0	*
1018·5	-8	NE	3	bz$_o$	33	85	6	-	-	-	0	0	-	1	*
1018·1	-8	NE'E	4	c	36	75	7	5	-	-	7-8	7-8	2500	1	3
1020·6	-8	E	5	c	34	75	6	5	-	-	7-8	7-8	1500	1	§4
1020·8	-18	ENE	5	cq	35	75	7	5	-	-	7-8	7-8	1500	1	*
1020·6	-14	E'N	5	bcq	36	85	8	4	-	-	2-3	2-3	2500	1	*
1023·1	-12	ENE	5	bc	37	85	7	-	4	-	0	2-3	-	1	4
1022·2	-24	ENE	3	b	31	85	7	-	-	-	0	0	-	4	*
1023·3	-14	ENE	3	bcz$_o$	32	85	6	-	5	-	0	2-3	-	6	*
1021·5	-14	ENE	4	b	32	75	5	1	-	-	1	1	1500	4	*
1020·7	-20	ENE	4	b	32	85	7	4	-	-	Tr	Tr	2500	4	*
1019·5	-16	E'N	3	b	32	75	6	1	-	-	Tr	Tr	4000	4	*
1015·6	-18	E	6	o	38	95	7	5	-	-	10	10	1500	1	6
1014·8	-14	E	5	bc	37	65	7	5	-	-	4-6	4-6	2500	1	3
1011·3	-22	E	8	c	39	65	7	8	2	-	7-8	10	2500	1	4
1010·5	-32	SE'E	7	c	40	65	7	5	-	-	9+	9+	2500	1	3
1014·8	-20	E	5	c	35	95	7	5	-	-	7-8	7-8	2500	0	4
1016·1	-14	E'S	3	cq	36	85	6	5	7	-	2-3	7-8	4000	1	3
1019·9	-20	E'N	5	cz$_o$	36	75	6	-	5	-	0	7-8	-	1	3
1022·4	-12	ESE	3	bcz$_o$	51	75	6	-	3	-	0	2-3	-	1	*
1022·8	-16	E	5	cm	36	75	4	-	7	9	0	7-8	-	4	*
1024·1	-24	E'S	5	bc	36	95	8	5	7	-	4-6	4-6	2500	0	4
1025·5	-12	-	0	c	33	85	7	5	4	-	4-6	7-8	7200	1	*
1024·8	-14	SE	2	c	38	85	8	4	-	-	7-8	7-8	4000	1	1
1026·3	-10	NE	3	bc	37	85	7	4	4	-	2-3	4-6	2500	4	2
1026·5	-2	-	0	b	33	85	7	-	4	2	0	1	-	1	*
1024·4	-6	E'N	2	bcm	35	65	4	-	7	-	0	2-3	-	4	*
1025·6	-2	NNE	1	bc	33	65	6	5	7	-	2-3	4-6	2500	4	*
1022·4	-16	SE'S	5	c	38	65	7	-	3	-	0	7-8	-	0	4
1021·9	+10	ESE	4	bcz$_o$	40	45	6	-	5	6	0	4-6	-	0	4
1023·8	+2	NE	1	bc	41	65	8	-	-	2	0	2-3	-	1	1
1026·6	-4	NW	1	bc	32	55	8	4	-	1	1	2-3	5700	4	*
1026·3	-6	SSW	2	bcz$_o$	36	65	6	-	4	2	0	2-3	-	4	1
1024·4	0	SSE	1	bc	38	65	8	5	4	1	2-3	4-6	2500	1	1
1025·3	0	W'S	1	bc	40	85	6	5	3	-	2-3	2-3	1500	1	*
1015·5	-8	ESE	6	bc	36	75	7	2	4	-	1	4-6	800	0	4
1020·4	+6	SSE	3	bcz$_o$	38	85	6	5	8	-	2-3	2-3	2500	0	1
1020·5	-8	E'S	5	bz$_o$	36	75	6	5	-	1	Tr	1	1500	1	*
1017·1	-14	SE	3	b	34	75	8	-	4	-	0	1	-	1	*
1011·3	-18	NE	3	c	41	55	8	5	-	-	7-8	7-8	1500	1	4
1015·5	-14	SE	6	c	40	65	8	5	-	-	9	9	1500	1	5

PAST 24 HOURS.

Weather. 7h.—13h. 8th (37)	Weather. 13h.—18h. 8th (38)	Weather. 18h. 8th to 1h. 9th (39)	Weather. 1h.—7h. 9th (40)
bcz$_o$	bcb-c	cbz$_o$	bz,x
bxz$_o$bc	bc-cz$_o$	bccbm$_o$x	bm$_o$bx
xbz,y	ybz$_o$	cm$_o$bm$_o$x	bm$_o$x
b	bz$_o$c	bx	bx
bcxbcb	bbcc	c	cbcm$_o$
bxbcb	bbccm$_o$	bbcx	bxb,m
bccbq	bcq	bcq	b
bcq	bcq	bcqcq	cq,bx
bcq	bebq	bcq	bcq
bcxb	b	bbcx	bcbm$_o$x
bbcm$_o$	bcbz$_o$	bbcx$_o$	bcbm$_o$x
c	co	c	c
c	cbc	bcb	bcb
cq	cq	cq	cq
cq	c	cq	cq,bc
bccbc	bcc	cbcb	bbc
cqm$_o$	cqm$_o$	cqmc	cbcq
bxb.	bycz$_o$	cbcz$_o$	b
brn$_o$	bcm$_o$	bc	bcz$_o$b
bxm$_o$z$_o$	bczcz	czbm$_o$	brn$_o$
fz,zc	cbc	bcc	c
bxbcxm$_o$	bcxm$_o$b	bx	bxcm$_o$x
bffxz.	bzy	bbcbzf	bfbcm$_o$x
bxbcy	bybc	bc	bcbcx
bc	bcc	bcbcy	bc
bz$_o$bc	bcz$_o$	b	
cbccy	cbcb	bbc	bcc
bc	bc	*	bcc
cxbcy	ycbcx	bcz$_o$x	bx
cbcy	bc	bccbc	bcc
cbcm$_o$	bcm$_o$	ocm$_o$c	cbcpc
bc	bcq	bcq	bcq
bcz$_o$z$_o$	bcz$_o$z$_o$cbc	bcz$_o$	bc
bm$_o$	bbcbm$_o$	bcb	b
bc	bcb.	bbc	bcx
bcbbcy	bcy	cbcc	cbbc
c	c	c	c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{10}$ of the sky.
"9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

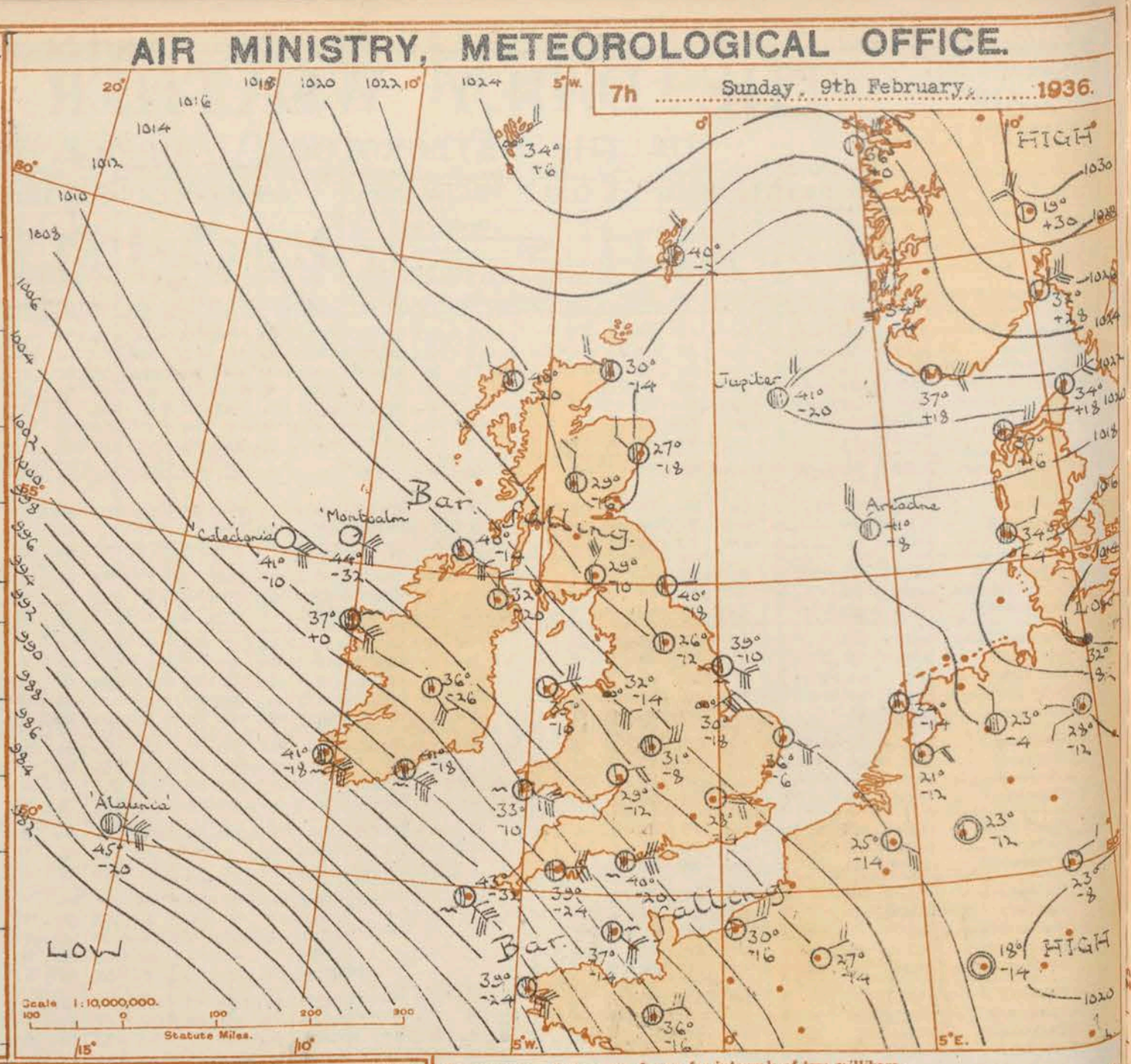
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 8th February 1936.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 7th to 9h. 8th	Temperature. Max. 9h.—17h. 8th	Rainfall. Night. 17h. 7th to 9h. 8th	Rainfall. Day. 9h.—17h. 8th	Sunshine. Sunrise to Sunset. 8th
1	Tunbridge W.	b	b	23	37	–	–	7·7
	Bournemouth	b	b	28	37	–	–	7·8
	Ventnor ...	xbc	cbc	33	37	–	–	6·4
	Southsea ...	b	b	29	39	–	–	7·3
	Bognor Regis	b	b	29	38	–	–	7·9
	Littlehampton	bc	bc	26	38	–	–	7·7
	Worthing ...	b	b	28	40	–	–	7·7
	Brighton ...	b	b	28	38	–	–	8·2
	Eastbourne†	b	bbc	32	38	–	–	7·4
	Hastings† ...	b	bc	31	38	–	–	8·2
	Folkestone ...	bxb	bbcc	31	37	–	–	8·1
	Dover... ...	ybcb	bbcc	32	39	–	–	8·5
	Deal	b	b	32	37	–	–	7·5
	Ramsgate ...	bc	bc	32	37	–	–	7·1
	Margate ...	bc	bc	30	38	–	–	6·5
2	Southend ...	bbcc	cbbc	31	38	–	–	6·3
	Maldon ...	cb	bc	32	37	–	–	6·4
	Clacton-on-Sea	bc	bc	32	37	–	–	5·8
	Dovercourt ...	xbcv	bv	33	37	–	–	7·4
	Lowestoft ...	b	b	33	37	–	–	8·6
	Skegness ...	bc	bc	32	37	–	–	6·8
	Mablethorpe	bcv	bcv	33	38	–	–	6·5
	Cleethorpes...	bcx	bc	26	38	–	–	7·4
3	Leamington S.	b	b	25	36	–	–	7·7
4	Cheltenham†	bxbcb	b	25	37	–	–	7·9
5	Bath	b	b	27	37	–	–	8·7
	Weymouth ...	c	b	31	43	–	–	4·0
	Jersey ...	b	bbc	28	35	–	–	8·3
	Torquay ...	cbcq	bccz$_o$	35	39	–	–	0·1
	Penzance ...	cqcbc	bcqc	37	41	–	–	2·4
	St. Ives ...	c	c	36	40	–	–	1·4
	Bude	bcc	cbcc	31	37	–	–	2·6
	Ilfracombe ...	cbcb	cbbc	30	37	–	–	6·9
6	Aberystwyth	cbc	bbc	35	43	–	–	8·5
7	Llandudno ...	b	b	31	37	–	–	7·0
	Colwyn Bay...	b	bcbc	26	36	–	–	7·1
	Rhyl	xz$_e$b	bbcz$_o$	29	37	–	–	6·7
8	Wallasey ...	b	b	30	37	–	–	5·9
	Southport‖ ...	b	bc	28	41	–	–	5·1
	Blackpool ...	cbc	bcc	29	37	–	–	2·1
	Morecambe ...	mbcbb	bbc	27	39	–	–	7·5
9	Ilkley... ...	bc	bc	17	36	–	–	4·1
	Harrogate ...	bmx	bbcm	20	36	–	–	8·5
10	Berwick-on-T.	bc	b	24	40	–	–	6·4
11	Dunbar ...	bcx	bc	29	40	–	–	7·7
12	Troon... ...	cbb	bbcbb	33	44	–	–	7·7
	Douglas ...	bcxbc	bccbq	33	39	–	–	5·2

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



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

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 9th February, 1936.

Districts.	Forecasts
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Moderate easterly wind, fresh at times on coasts; fine; cold, frost at night, sharp inland.
5 S.W. England	Fresh to strong east wind, gale at times on coasts; fair at first, some rain, sleet or snow later; rather cold.
6 South Wales	Fresh to strong east to southeast wind; fair; rather cold, frost inland at night.
7 North Wales 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Light or moderate southeast to east wind; fair; cold, frost at night, sharp inland.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. / B.N.W. Scotland.	Light to moderate southeast wind; fair; rather cold.
14 Mid Scotland 15 N. E. Scotland	As 7 - 11.
16 Orkneys and Shetlands	Light variable to easterly wind; fair; cold.
17 N. W. Ireland 18 N. E. Ireland	As 12 - 13B.
19 S. E. Ireland 20 S. W. Ireland	As 5.

GENERAL INFERENCE.

A belt of high pressure extends from an anticyclone over Scandinavia across the North Sea to Southern Germany, while a trough of low pressure over the Southern Bay of Biscay is moving slowly north. Weather will be fine or fair and cold in most districts but rain, sleet or snow is likely to occur later in the Southwest.

FURTHER OUTLOOK.

Little change.

Times of issue of Gale Warnings.

South Cone hoisted at 1630 on 6th in dists. 17 and 20.
South Cone hoisted at 2030 on 6th in dists. 5 and 6.
South Cone hoisted at 1930 on 8th in dists. 7, 8, 12, 18 and 19.

Forecasts issued at 1200 G.M.T.

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

P.W. Stationery Office Press, Kingsway, W.C.2.

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

Morning of

SUNDAY
9TH FEBRUARY

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ - Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 9th February, 1936.

No. 27107.

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

DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility. 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1018·0	-10	E'S	2	b	30	85	6	5	-	-	Tr	Tr	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1018·7	-10	E'S	4	b	31	75	6	1	-	-	Tr	Tr	2500
	Manston ...	142	1018·9	-10	E'S	4	bcq	33	75	7	5	-	-	4-6	4-6	2500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1020·8	-8	E'S	5	b	36	85	7	-	-	-	0	0	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1012·3	-16	ESE	6	c	38	95	7	4	-	-	9+	9+	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1007·6	-20	E'S	7	c/q	38	75	8	8	-	-	9	9	2500
	Scilly (St. Mary's)	163	1005·3	-24	ESE	7	cq	39	75	6	8	-	-	9	9	2500
	Guernsey ...	175	1011·6	-22	ESE	5	b	35	75	7	-	-	-	0	0	-
6	Pembroke ...	142	1011·8	-14	ESE	7	cq	36	75	7	8	-	-	10	10	1500
7	Holyhead ...	26	1015·9	-20	E'N	6	bc	35	75	7	5	4	-	1	2-3	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1021·0	-10	SE'E	5	c	38	85	8	5	7	8	2-3	7-8	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1023·8	-8	SE	2	bc	39	85	8	4	8	-	2-3	4-6	4000
11	Inchkeith ...	190	1023·2	-14	NE	2	c	35	95	8	5	1	-	4-6	7-8	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1020·0	-10	SE'S	4	bc	39	45	8	-	-	7	0	4-6	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1021·0	-14	NE	1	bc	35	95	7	5	-	-	2-3	2-3	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1023·3	-8	WNW	2	bc	30	85	7	7	7	-	2-3	4-6	4000
16	Lerwick ...	156	1024·0	-2	NNE	1	c	39	75	7	8	3	-	7-8	7-8	1500
17	Blacksod Point	18	1012·7	-20	ESE	6	bc	37	75	7	2	-	-	2-3	2-3	800
18	Malin Head ...	52	1017·8	-10	ESE	4	bc	40	75	7	5	8	-	2-3	2-3	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1004·6	-20	SE	7	c	39	85	8	8	-	-	7-8	7-8	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

DISTRICT.	STATIONS.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility. 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1014·4	-14	E	4	bz₀	31	75	6	-	-	-	0	0	-	4	*
	Croydon ...	1014·6	-14	E	2	b	28	85	7	-	-	-	0	0	-	4	*
	S. Farnborough	1013·8	-18	NE	2	bz₀	26	95	6	-	-	-	0	0	-	4	*
	Boscombe Down	1011·8	-12	E'N	3	b	28	85	7	-	-	-	0	0	-	4	*
	Calshot (Sthmtn.)	1012·2	-14	NE'E	5	bc	33	85	6	5	-	-	4-6	4-6	2500	0	3
	Lympne ...	1015·3	-14	ENE	4	b	30	95	6	-	-	-	0	0	-	4	3
	Manston ...	1015·9	-12	SE	3	bc	32	85	7	-	1	-	0	2-3	-	1	*
2	Shoeburyness ...	1015·7	-14	E'S	4	bc	34	85	7	-	1	-	0	2-3	-	4	*
	Felixstowe ...																
	Gorleston ...	1018·0	-6	E'S	4	bc	36	85	6	2	4	-	2-3	4-6	2500	1	3
	Mildenhall ...	1016·7	-12	E'N	1	bz₀	27	95	6	-	-	-	0	0	-	4	*
	Cranwell ...	1017·6	-18	NE'E	3	bz₀	30	95	6	-	4	-	0	Tr	-	6	*
3	Birmingham ...	1015·4	-8	E	3	c	31	85	6	5	-	-	10	10	4000	4	*
	Upper Heyford	1014·8	-14	NE	3	bz₀	28	95	6	-	-	-	0	0	-	4	*
4	Ross-on-Wye	1013·7	-12	E'N	2	b	29	75	6	-	-	-	0	0	-	4	*
5	Portland Bill ...	1008·2	-20	E	6	c	40	95	7	4	-	-	7-8	7-8	2500	1	5
	Plymouth ...	1005·7	-24	E	6	bc	39	85	7	5	-	-	2-3	2-3	1500	1	3
	The Lizard ...	1001·3	-26	E	8	c	42	75	7	8	2	-	7-8	9	2500	1	5
	Scilly (St. Mary's)	999·2	-32	SE'E	8	bc	43	75	6	3	-	-	4-6	4-6	2500	1	5
	Guernsey ...	1007·1	-14	ESE	5	bc	37	85	7	-	7	-	0	2-3	-	4	4
6	Pembroke ...	1007·8	-10	E'S	7	bcq	33	85	7	5	6	-	4-6	4-6	4000	1	4
7	Holyhead ...	1002·0	-20	E'N	5	bc	35	75	7	-	3	-	0	1	-	1	3
	Chester (Sealand)	1015·4	-14	SE	4	bcz₀	32	85	6	5	-	-	4-6	4-6	4000	4	*
8	Manchester ...	1016·3	-20	ESE	3	bz₀	33	85	6	5	-	-	1	1	4000	4	*
10	Spurn Head ...	1017·6	-10	ESE	5	bc	38	85	8	-	7	-	0	2-3	-	0	4
	Catterick ...	1018·8	-12	NW'N	1	bcz₀	26	95	6	-	3	1	0	2-3	-	4	*
	Tynemouth ...	1019·7	-18	E	2	bc	40	75	8	4	-	-	4-6	4-6	4000	1	1
11	Inchkeith ...	1020·5	-20	NE	2	c	35	95	8	5	-	-	10	10	1500	4	1
	Leuchars ...	1020·6	-18	-	0	c	29	85	5	5	-	-	9+	9+	4000	4	*
12	Renfrew (Abbots I.)	1018·8	-22	E	2	bcz₀	33	95	6	5	3	-	4-6	4-6	4000	4	*
	Eskdalemuir ...	1013·3	-10	N'E	3	bc₀	29	85	7	-	4	-	0	4-6	-	4	*
	Point of Ayre ...	1015·3	-24	SE'S	5	b	37	65	8	4	-	-	1	1	4000	4	3
13A	Tiree																
13B	Stornoway ...	1019·5	-10	WNW	1	c	40	75	8	5	7	-	4-6	7-8	1500	1	1
15	Dalwhinnie ...	?	-16	N	1	c	29	45	8	4	2	-	4-6	10	4000	4	*
	Aberdeen ...	1019·9	-18	NNW	1	bc	27	85	7	-	3	2	0	2-3	-	4	1
	Wick ...	1020·1	-14	WNW	2	c	30	85	7	5	3	1	2-3	7-8	2500	4	1
16	Lerwick ...	1022·1	-2	NNE	2	c/pr	40	95	7	8	7	-	4-6	7-8	800	1	*
17	Blacksod Point	1008·9	0	ESE	6	cq	37	75	7	9	-	-	7-8	7-8	800	0	4
18	Malin Head ...	1013·6	-14	ESE	4	bc	40	75	7	5	-	-	2-3	2-3	2500	0	3
	Aldergrove ...	1014·5	-20	N	1	b	32	85	7	5	-	-	Tr	Tr	4000	4	*
19	Birr Castle ...	1007·0	-26	SSE	4	bc	36	65	8	5	-	-	4-6	4-6	2500	1	*
20	Valentia Obsy. †	1000·7	-18	E'S	7	c	41	65	8	5	-	-	9	9	2500	1	5
	Roches Point	1004·9	-18	SE	8	c	41	75	8	5	-	-	9	9	1500	1	5

PAST 24 HOURS.

DISTRICT.	STATIONS.	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine Hrs. (36)
1	London (Kew)	37	30	25	-	-	7·0
	Croydon ...	36	27	21	-	-	8·3
	S. Farnborough	37	25	18	-	-	8·0
	Boscombe Down	36	27	24	-	-	8·3
	Calshot (Sthmtn.)	38	32	30	-	-	7·9
	Lympne ...	36	28	24	-	-	8·4
	Manston ...	37	30	24	-	-	7·3
2	Shoeburyness ...	37	33	27	-	-	6·6
	Felixstowe ...						
	Gorleston ...	37	36	34	-	-	8·4
	Mildenhall ...	37	26	22	-	-	7·1
	Cranwell ...	38	29	25	-	Tr	7·9
3	Birmingham ...	34	29	27	-	-	6·7
	Upper Heyford	36	27	24	-	-	*
4	Ross-on-Wye	35	28	23	-	-	7·9
5	Portland Bill ...	39	37	*	-	-	*
	Plymouth ...	39	36	33	-	-	3·1
	The Lizard ...	40	37	*	-	-	*
	Scilly (St. Mary's)	40	35	*	-	-	2·3
	Guernsey ...	38	34	28	-	-	6·7
6	Pembroke ...	37	33	*	-	-	4·2
7	Holyhead ...	43	34	32	-	-	6·8
	Chester (Sealand)	38	29	24	-	-	6·7
8	Manchester ...	39	32	26	-	-	6·4
10	Spurn Head ...	39	36	*	-	-	6·3
	Catterick ...	38	25	16	-	-	5·5
	Tynemouth ...	38	38	32	-	-	3·6
11	Inchkeith ...	42	33	24	-	-	7·5
	Leuchars ...	40	28	23	0·2	-	5·0
12	Renfrew (Abbots I.)	40	31	25	-	-	3·1
	Eskdalemuir ...	42	27	23	-	-	8·3
	Point of Ayre ...	39	34	*	-	-	4·7
13A	Tiree				-		
13B	Stornoway ...	47	33	*	-	-	6·5
15	Dalwhinnie ...	42	28	19	-	-	6·8
	Aberdeen ...	40	27	20	-	-	5·1
	Wick ...	45	27	*	-	-	*
16	Lerwick ...	46	37	*	-	Tr	4·2
17	Blacksod Point	46	35	*	-	-	*
18	Malin Head ...	42	35	*	-	-	7·3
	Aldergrove ...	40	31	27	-	-	6·9
19	Birr Castle ...	38	32	25	-	-	7·3
20	Valentia Obsy. †	44	39	36	-	-	5·6
	Roches Point	45	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.	Weather. Afternoon.	Weather. Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	bcz₀	bcb,c	cbz₀x	37	30	25	-	-	7·0	•	•	6
Croydon	217	bxz₀bc	bc,cz₀	bccbmx	36	27	21	-	-	8·3	•	•	6
Greenwich (Royal Observatory) ...	149	c	cbc	cbxm₀	37	29	25	-	-	5·3	70	86	5
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	4·0	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	38	31	27	-	-	4·4	70	85	•
Regents Pk. (Botanic Gardens) ...	168	•	•	•	37	30	26	-	-	3·4	88	70	•
Camden Square	110	xcbc	bca	•	27	29	19	-	-	•	•	90	•
Kensington	80	bz	bc	•	37	31	23	-	-	4·3	At 18h. 85	86	•
Hampstead Observatory	450	bc	bc	bmx	35	27	17	-	-	4·5	•	83	•

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington.			
Max.	Time.	Min.	Time.
1·0	17-19h 8th	<0·3	02-03h 9th

Kew Observatory.			
Max.	Time.	Min.	Time.
0·4	20h 8th	0·1	6h 9th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 8th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 9th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1018·1	ENE	3	b	34	1013·7	ENE	2	b	27
Brussels	1021·4	ENE	2	b	32	1017·0	ESE	3	b	28
Berlin	1024·4	NW'W	1	bcz₀	32	1014·8	WNW	1	cz₀	32
Zürich	1021·6	NE	2	b	27	1019·4	SSE	1	cz₀	19
Rome	1015·1	N	3	c	45	1016·1	NE	1	bc	32

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
36	27	-	-
36	23	-	-
36	28	-	-
34	18	-	-
•	•		

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30 — Code for State of Sea.

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

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METEOROLOGICAL OFFICE, AIR MINISTRY, ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2. 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, 10th February, 1936.
No. 27108.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1012·2	-18	E'N	4	b z_o	40	65	5	-	-	-	0	0	-
	Croydon ...	1011·8	-18	ENE	3	b z_o	43	55	6	-	-	1	0	Tr	-
	S. Farnborough	1011·2	-16	NE	5	bc	44	35	7	-	5	-	0	2-3	-
	Boscombe Down	1009·4	-14	E	4	b	40	65	7	-	7	1	0	1	-
	Calshot (Sthmtn.)	1009·3	-14	E'N	6	bc z_o	42	75	6	-	4	5	0	4-6	-
	Lympne ...	1013·7	-14	E'N	5	b	40	65	7	-	-	-	0	0	-
	Manston ...	1014·1	-14	E	4	b	40	65	7	-	-	-	0	0	-
2	Shoeburyness ...	1014·4	-10	E	5	b	40	75	7	-	-	-	0	0	-
	Felixstowe ...														
	Gorleston ...	1016·3	-8	ESE	3	bc	40	85	6	-	4	2	0	4-6	-
	Mildenhall ...	1014·8	-14	E'S	3	b z_o	40	75	6	-	-	5	0	1	-
	Cranwell ...	1015·4	-14	E'N	3	bc z_o	40	75	6	8	4	-	4-6	4-6	4000
3	Birmingham ...	1012·7	-16	E	4	b z_o	37	65	5	-	-	-	0	0	-
	Upper Heyford	1012·1	-18	E	3	b z_o	41	55	6	-	-	-	0	0	-
4	Ross-on-Wye	1009·4	-24	E	4	b	42	45	7	-	-	1	0	Tr	-
5	Portland Bill ...	1005·8	-10	E	6	c	42	95	7	4	-	-	10	10	2500
	Plymouth ...	1001·8	-18	E'S	6	ir_o	43	75	7	6	1	-	7-8	10	1500
	The Lizard ...	996·3	-24	E'S	8	pr_o	43	85	7	8	2	-	9	10	2500
	Scilly (St. Mary's)	992·7	-20	SE'E	8	ir	44	85	6	6	-	-	10	10	1500
	Guernsey ...	1004·0	-10	ESE	5	r_o	41	75	7	5	-	-	10	10	2500
6	Pembroke ...	1003·8	-16	ESE	8	bcq	40	65	6	5	6	-	2-3	4-6	4000
7	Holyhead ...	1008·0	-26	ENE	7	b z_o	38	75	6	-	-	-	0	0	-
	Chester (Sealand)	1012·8	-14	SEE	4	b z_o	39	65	6	5	-	-	Tr	Tr	2500
8	Manchester ...	1013·7	-16	ESE	5	b z_o	40	65	5	-	-	-	0	0	-
10	Spurn Head ...	1016·6	-4	ESE	4	bc	41	85	8	-	7	1	0	4-6	-
	Catterick ...	1016·8	-12	ENE	2	bc	42	65	7	5	8	-	4-6	4-6	5700
	Tynemouth ...	1017·7	-4	E	2	c	42	75	8	4	-	-	7-8	7-8	4000
11	Inchkeith ...	1018·2	-10	NE	2	c	39	95	8	5	3	-	4-6	7-8	2500
12	Leuchars ...	1018·5	-12	-	0	c	38	85	6	5	3	-	2-3	7-8	4000
	Rentrew (Abbots I.)	1016·3	-14	ENE	4	c z_o	38	85	6	5	-	-	9	9	4000
	Eskdalemuir ...	1017·0	-6	NE	3	c	37	75	9	5	7	1	2-3	7-8	4000
	Point of Ayre ...	1013·7	-8	SE	3	b	44	55	8	-	4	-	0	1	-
13A	Tiree														
13B	Stornoway ...	1017·4	-10	ENE	3	bc	43	75	8	5	7	1	4-6	4-6	1500
15	Dalwhinnie ...	?	-6	-	0	c	39	45	8	4	7	-	2-3	10	2500
	Aberdeen ...	1019·0	-8	NNW	2	c z_o	39	85	6	-	3	-	0	9+	-
	Wick ...	1019·9	0	ENE	3	c	43	95	7	5	2	-	7-8	9	1500
16	Lerwick ...	1023·4	+8	E	4	c	42	85	8	8	7	-	7-8	9+	1500
17	Blacksod Point	1004·7	-34	ESE	6	bcq	41	65	7	-	4	-	0	2-3	-
18	Malin Head ...	1011·6	-8	E	6	bc	44	75	7	5	-	-	2-3	2-3	2500
	Aldergrove ...	1011·2	-18	E	5	b	42	65	8	-	3	-	0	Tr	-
19	Birr Castle ...	1004·2	-16	SSE	3	b	43	55	8	-	-	-	0	0	-
20	Valentia Obsy. †	995·3	-34	E'N	6	c	43	55	8	1	3	9	4-6	7-8	2500
	Roches Point	998·7	-34	ESE	7	c	41	65	7	5	-	-	7-8	7-8	1500

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

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
London (Kew)	1011·4	+2	E	2	b z_o	36	85	5	-	4	-	0	Tr	-	4	*
Croydon ...	1010·9	0	E	4	b z_o	35	75	6	-	4	1	0	1	-	1	*
S. Farnborough	1010·4	+4	ENE	3	bc z_o	35	75	8	-	3	2	0	4-6	-	0	*
Boscombe Down	1008·1	+2	E'N	4	bc z_o	37	65	6	-	7	-	0	4-6	-	1	*
Calshot (Sthmtn.)	1008·2	0	ENE	6	c	40	65	7	-	5	8	0	9	-	0	4
Lympne ...	1012·4	0	ENE	4	b z_o	35	75	6	-	-	1	0	Tr	-	1	§ 3
Manston ...	1012·8	0	E'S	4	b	36	75	7	-	-	8	0	Tr	-	1	*
Shoeburyness ...	1012·8	-3	E	5	b	37	85	7	—	—	-	0	0	-	1	*
Felixstowe ...																
Gorleston ...	1014·8	0	E'N	4	c	39	75	7	-	5	-	0	7-8	-	1	3
Mildenhall ...	1014·0	0	E	2	b z_o	36	85	6	-	-	-	0	0	-	1	*
Cranwell ...	1014·1	+2	E'N	3	b z_o	35	86	6	-	4	-	0	1	-	6	*
Birmingham ...	1011·0	-2	E	4	bc	35	85	5	1	-	-	2-3	2-3	1500	4	*
Upper Heyford	1011·5	+2	E'N	3	bc z_o	34	85	6	-	7	2	0	2-3	-	0	*
Ross-on-Wye	1006·7	-4	E	4	bc	37	65	6	-	7	9	0	2-3	-	1	*
Portland Bill ...	10039	-4	ESE	7	c	44	85	7	4	-	-	9	9	2500	1	5
Plymouth ...	1001·1	0	E	5	rr	42	95	6	6	2	-	9+	10	800	1	3
The Lizard ...	997·4	+12	ESE	8	rr	44	95	6	6	-	-	10	10	1500	1	5
Scilly (St. Mary's)	994·2	+20	SE'S	6	c	46	95	6	8	7	-	9	9+	1500	1	4
Guernsey ...	10039	0	SE	8	rr	42	85	7	5	-	-	10	10	2500	2	4
Pembroke ...	1001·3	+2	ESE	8	ir	41	75	6	5	2	-	7-8	10	1500	1	4
Holyhead ...	1006·8	-16	ENE	5	bc z_o	40	65	6	-	5	-	0	2-3	-	1	3
Chester (Sealand)	1011·1	+2	SEE	2	b z_o	35	75	6	5	-	-	1	1	4000	4	*
Manchester ...	1012·5	+8	E'S	5	b z_o	39	55	5	-	3	-	0	Tr	-	1	*
Spurn Head ...	1014·9	-10	ESE	4	c	40	95	8	5	7	-	4-6	9	2500	0	3
Catterick ...	1015·9	+2	ENE	1	c	39	85	8	4	7	-	7-8	9	4000	1	*
Tynemouth ...	1016·3	0	ESE	3	c	42	85	8	9	-	-	7-8	7-8	1500	1	3
Inchkeith ...	1016·6	-4	E	2	c	39	95	8	5	4	-	4-6	7-8	2500	0	1
Leuchars ...	1017·9	0	NE	2	c	38	95	7	5	3	-	4-6	9	4000	1	*
Renfrew (Abbots I.)	1015·4	0	E'N	4	bc z_o	38	85	6	5	5	-	4-6	4-6	7200	4	*
Eskdalemuir ...	1015·4	0	ENE	5	bc	36	65	9	5	7	-	4-6	4-6	4000	4	*
Point of Ayre ...	1010·4	-10	SE'E	7	b	43	55	8	-	2	-	0	1	-	0	4
Tiree																
Stornoway ...	1015·6	0	ENE	4	c	43	75	7	5	6?	-	4-6	7-8	1500	1	2
Dalwhinnie ...	1017·3	-4	S	1	c	36	45	8	4	6	-	4-6	7-8	2500	4	*
Aberdeen ...	1019·3	+6	SE	4	id.	42	85	7	5	3	-	7-8	9+	2500	1	2
Wick ...	1019·9	+4	ESE	4	c	43	95	7	5	2	-	7-8	10	1500	1	3
Lerwick ...	1024·5	+12	SSE	3	c	40	85	7	8	7	-	4-6	7-8	1500	1	*
Blacksod Point	1000·5	-22	E	8	cq	41	75	7	-	7	-	0	7-8	-	0	6
Malin Head ...	1008·5	-8	E	6	bc	46	75	7	5	-	-	2-3	2-3	2500	0	4
Aldergrove ...	1008·2	-4	E	6	b	41	55	7	5	-	-	Tr	Tr	4000	1	*
Birr Castle ...	1001·3	-18	SE	4	c	42	55	8	5	-	-	9+	9+	2500	1	*
Valentia Obsy. †	991·3	-2	E	8	r_o	44	75	7	6	-	-	9+	9+	1500	1	5
Roches Point	996·0	+6	ESE	8	rr	44	85	6	6	-	-	10	10	800	1	5

PAST 24 HOURS.

Stations.	Weather. 7h.—13h. 9th. (37)	13h.—18h. 9th. (38)	18h. 9th to 1h. 10th. (39)	1h.—7h. 10th. (40)
London (Kew)	$bz_o y$	bz_o	bz_o	cm_o
Croydon ...	$bz_o y$	$by z_o$	$bm_o x$	$bm_o xc$
S. Farnborough	$xbz_o by$	by bcz_o	$bcbm_o x$	bcc
Boscombe Down	bxb	bcm_o	$bcm_o c$	c
Calshot (Sthmtn.)	$bbcz_o$	$bczc$	cbc	bc-c
Lympne ...	$bxbz_o$	bbz_o	bz_o	$bcm_o q$
Manston ...	bbz_o	b	bcq	cq_o
Shoeburyness ...	b	b	b	bbcq
Felixstowe ...				
Gorleston ...	bc	bcc	cq_o	cqx
Mildenhall ...	$bm_o x$	bm_o	bm_o	$bbcm_o$
Cranwell ...	$bbcm_o x$	$bcbm_o$	bbcb	bbc
Birmingham ...	cb	bb	b-c	c
Upper Heyford	bmm	$bz_o bx$	$bm_o c$	cbccq
Ross-on-Wye	$bz_o b$	bybc	bbc	bccq
Portland Bill ...	c	cc	co	oc
Plymouth ...	cbccr	cs/rrm$_o$	corm	ors$_o$m
The Lizard ...	cpr$_o$	RRq	crrc	cprq
Scilly (St. Mary's)	coir	orrc	cpcc	cp$_o$c
Guernsey ...	bc or$_o$	orr	o/r	orrir
Pembroke ...	bcqz$_o$	bcqm/rc	oqm/r	aqc
Holyhead ...	bz_o	bz_o	bz_oqy	bbc
Chester (Sealand)	bccbz$_o$		bbcz$_o$	cbcz$_o$
Manchester ...	bz z$_o$	bz_oy	by bcz_o	$bz_o cz_o$
Spurn Head ...	bc	bcc	cq	cq
Catterick ...	xm$_o$bc	bcyc	cr$_o$c	cq$_o$c
Tynemouth ...	bcmc	c	or$_o$scq	cq
Inchkeith ...	c	c	c	c
Leuchars ...	cm$_o$xcm$_o$	cm$_o$c	c	c
Renfrew (Abbots I.)	bccm$_o$	cm$_o$bcm$_o$	bccm$_o$	cbcz$_o$
Eskdalemuir ...	bcxbc	bcybc	bccid$_o$	cbc
Point of Ayre ...	bc	bc	bcbc	bc
Tiree				
Stornoway ...	cbc	bcc	cb	b
Dalwhinnie ...	c	c	*	irocc
Aberdeen ...	bcxc	c z$_o$c	cd$_o$c	c
Wick ...	c	c	c	c
Lerwick ...	c	c	c	bc
Blacksod Point	bcq	bcq	cq	cq
Malin Head ...	bc	bc	bcb	bbcc
Aldergrove ...	bbcb	b	bvb	bbcc
Birr Castle ...	bcb	bbcc	cpr	cprc
Valentia Obsy. †	cbccy	cr$_o$	r$_o$r$_o$ir$_o$	r$_o$r$_o$ir$_o$
Roches Point	c	crs rr	rrir$_o$	o/r$_o$

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or. Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{20}$ 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 A-St (thin).
2 Typical A-St (thick; sun or moon invisible), or Nimbo- stratus (Nb-St).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu in several layers generally associated with fibrous veils and a chaotic appearance of the sky.

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

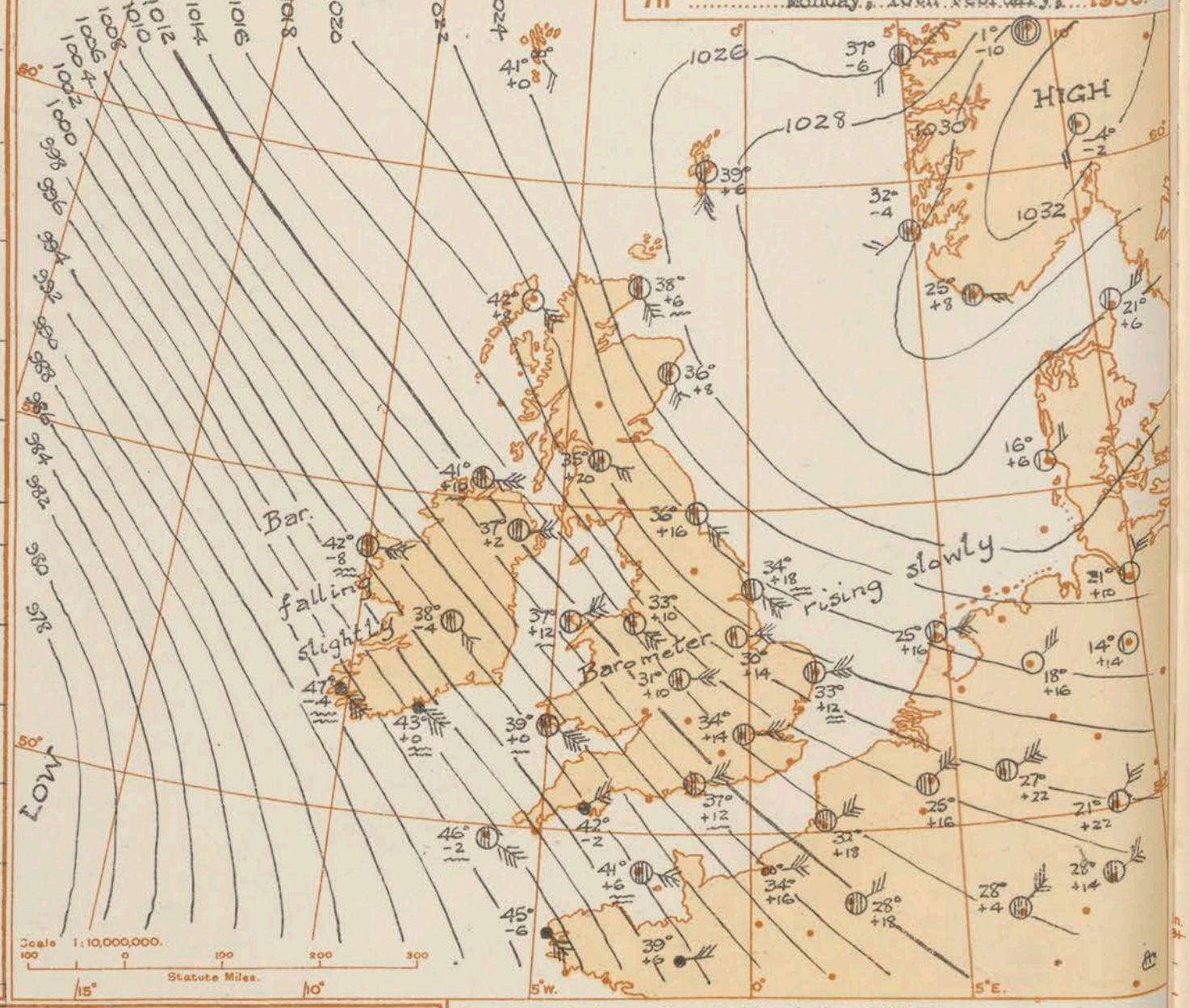
REPORTS from HEALTH RESORTS for 9th February 1936.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 8th to 9h. 9th.	Temperature. Max. 9h.—17h. 9th	Rainfall. Night. 17h. 8th to 9h. 9th.	Rainfall. Day. 9h.—17h. 9th	Sunshine. Sunrise to Sunset. 9th.
1	Tunbridge W.	b	b	26	44	–	–	8·2
	Bournemouth	o	bbo	29	43	–	–	3·2
	Ventnor ...	xbz	cbc	35	44	–	–	4·6
	Southsea ...	bb	bbc	30	44	–	–	4·2
	Bognor Regis	b	bbcbc	30	42	–	–	4·7
	Littlehampton	bc	bc	30	44	–	–	6·0
	Worthing ...	b	b	30	44	–	–	7·2
	Brighton ...	b	b	31	45	–	–	7·6
	Eastbourne†	b	bbcb	34	44	–	–	6·0
	Hastings† ...	b	b	33	44	–	–	7·9
	Folkestone ...	bxzb	b	31	41	–	–	7·8
	Dover... ...	yb	b	32	43	–	–	7·6
	Deal	b	b	32	40	–	–	7·7
	Ramsgate ...	b	b	34	41	–	–	7·9
	Margate ...	c	b	32	40	–	–	8·0
2	Southend ...	b	b	33	41	Trace	–	8·3
	Maldon ...	b	b	32	39	–	–	8·3
	Clacton-on-Sea	b	bbc	33	39	–	–	6·4
	Dovercourt ...	xbv	bcv	33	40	–	–	7·6
	Lowestoft ...	b	b	35	41	–	–	7·5
	Skegness ...	bc	bc	34	40	Trace	–	8·2
	Mablethorpe	b	bc	36	41	–	–	8·5
	Cleethorpes ...	b	bc	33	41	–	–	8·0
3	Leamington S.	b	b	30	40	–	–	7·9
4	Cheltenham†	mb	bq	28	43	–	–	7·5
5	Bath	b	bbccq	28	44	–	–	5·9
	Weymouth ...	cbcc	c	33	44	–	–	1·5
	Jersey ...	oc	cr	29	42	–	2	0·0
	Torquay ...	czoq	orrq	36	44	–	3	0·3
	Penzance ...	qccr	rqrqr	37	45	–	10	0·0
	St. Ives ...	c	r	36	44	–	6	0·0
	Bude	mbcc	cqr	33	43	–	1	1·3
	Ilfracombe ...	bcb	bcco	30	43	–	–	4·1
6	Aberystwyth	cbc	bbc	30	45	–	–	7·2
7	Llandudno ...	cbc	b	32	41	–	–	5·3
	Colwyn Bay...	cbcbc	bcbcb	30	40	–	–	6·7
	Rhyl	bcb	b	30	41	–	–	6·5
8	Wallasey ...	b	b	31	40	–	–	6·7
	Southport‖ ...	b	bcb	31	46	–	–	7·9
	Blackpool ...	cbc	bbc	31	42	–	–	7·9
	Morecambe ...	b	b	30	44	–	–	7·9
9	Ilkley... ...	bc	bc	20	41	–	–	6·1
	Harrogate ...	b	b	24	41	–	–	6·3
10	Berwick-on-T.	c	cbcc	27	42	Trace	–	1·8
11	Dunbar ..	bcx	bc	29	41	–	–	1·1
12	Troon... ...	cbcbc	bbc	30	41	–	–	2·3
	Douglas ...	bcq	bcq	33	43	–	–	7·2

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Monday, 10th February, 1936.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 10th February, 1936.
1 S.E. England	Easterly gale, veering, squally; variable amount of cloud; cold.
2 E. England ...	East to southeast gale, squally; variable amount of cloud; local snow or sleet showers; cold.
3 E. Midlands ...	As 1.
4 W. Midlands ...	
5 S.W. England	Southeasterly gale, squally; occasional rain today; variable amount of cloud tomorrow; becoming colder.
6 South Wales ...	
7 North Wales ...	Wind south to southeast strong to a gale, squally; variable amount of cloud; cold.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Wind southeast fresh to strong, squally; variable amount of cloud; local snow or sleet showers; cold.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 5 - 6.
13 A. W. Scotld. / B.N.W. Scotland.	
14 Mid Scotland	
15 N. E. Scotland	Wind southeast to south fresh, squally; variable amount of cloud; local snow or sleet showers; cold.
16 Orkneys and Shetlands	
17 N. W. Ireland	East to southeast gale; mainly cloudy; occasional rain; rather cold.
18 N. E. Ireland	As 7 - 9.
19 S. E. Ireland	As 5 - 6.
20 S. W. Ireland	

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

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

GENERAL INFERENCE.

A deep depression southwest of Ireland is moving slowly northwards while an anticyclone over Southern Scandinavia is moving southwards and will decrease in intensity. It will be cold in all districts except the extreme West with variable amounts of cloud and local snow or sleet showers near the East Coast of Great Britain.

FURTHER OUTLOOK.

Cold in all districts except the extreme West; local snow showers near the East Coast.

TIMES OF ISSUE OF GALE WARNINGS.

South Cone hoisted 1630 on 6th in dists. 17 & 20.
South Cone hoisted 2030 on 8th in dists. 5 & 6.
South Cone hoisted 1930 on 8th in dists. 7,8,11,12,18,19.
South Cone hoisted 0215 on 10th in dist. 2.
South Cone hoisted 0810 on 10th in dists. 1,10 & 13B.

Forecasts issued at 1030 G.M.T.

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

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

Morning of

MONDAY,
10TH FEBRUARY.

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 10th February, 1936.

No. 27108.

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

DISTRICT	STATIONS	Height above M.S.L. in feet.	Baron. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Cloud. Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1011·6	+6	E	4	b	34	95	8	5	-	-	Tr	Tr	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1012·7	+10	E	5	z_o	36	65	6	-	-	1	0	Tr	-
	Manston ...	142	1013·2	+10	E	5	q	37	65	7	-	-	8	0	2-3	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1016·9	+16	E'N	7	o	37	85	6	6	-	-	10	10	1500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1004·1	+2	ESE	7	o	43	95	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	999·7	+10	E'S	6	c	45	95	7	8	2	-	9	10	1500
	Scilly (St. Mary's)	163	998·1	+8	SE'E	6	c	46	95	7	8	-	-	9	9	1500
	Guernsey ..	175	1004·8	+4	SE	4	rr	41	95	4	5	-	-	10	10	2500
6	Pembroke ...	142	1003·7	+8	ESE	8	ir	38	85	6	5	-	-	10	10	1500
7	Holyhead ...	26	1003·4	+30	E'N	6	b	39	75	7	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1017·0	+18	ESE	7	q	37	85	7	5	2	-	4-6	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1018·9	+18	SE	5	c	39	75	7	6	-	-	7-8	7-8	1500
11	Inchkeith ...	190	1019·0	+16	E	4	c	39	85	8	5	-	-	9+	9+	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1012·9	+2	SE	7	bc	42	75	8	-	4	-	0	2-3	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1016·9	+8	SE	5	h	43	75	7	-	-	-	0	0	-
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1022·8	+12	SSE	6	c	40	85	7	4	1	-	4-6	7-8	1500
16	Lerwick ...	156	1026·6	+12	S	5	c	39	85	7	5	7	-	4-6	7-8	1500
17	Blacksod Point	18	1002·4	+20	E	7	q	40	95	7	8	-	-	10	10	800
18	Malin Head ...	52	1019·4	+10	E	6	b	42	85	7	-	8	-	0	Tr	-
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	999·3	+34	E'N	5	bc	47	85	8	2	-	-	4-6	4-6	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

DISTRICT	STATIONS	Baron. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Cloud. Form. Med. (24)	Cloud. Form. High (25)	Cloud. Amount. Low 0–10 (26)	Cloud. Amount. Total 0–10 (27)	Cloud. Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1014·7	+24	E	6	z_o	35	75	6	5	-	-	9+	9+	1500	1	*
	Croydon ...	1014·1	+14	E	5	c	34	86	7	5	-	-	9+	9+	1500	4	*
	S. Farnborough	1013·4	+12	E	6	c	36	85	7	5	-	-	10	10	1500	0	*
	Boscombe Down	1011·6	+10	E	4	c	34	85	7	5	2	-	7-8	10	1500	0	*
	Calshot (Sthmtn.)	1010·9	+12	E'N	6	c	37	85	7	5	2	-	7-8	10	800	1	4
	Lympne ...	1016·5	+20	E'N	5	c	32	85	7	5	-	-	9+	9+	1500	1	4
	Manston ...	1016·4	+18	E'N	6	Q	32	75	7	5	7	-	7-8	7-8	800	1	*
2	Shoeburyness ...	1016·5	+20	E'N	6	q	34	85	8	5	-	-	4-6	4-6	4000	1	*
	Felixstowe ...																
	Gorleston ...	1020·0	+12	E	7	c	33	95	7	8	-	-	7-8	7-8	1500	4	5
	Mildenhall ...	1018·6	+18	E	4	bc	32	65	8	5	-	-	4-6	4-6	1500	4	*
	Cranwell ...	1019·5	+14	E	5	bc	30	75	8	1	-	-	2-3	2-3	1500	4	*
3	Birmingham ...	1015·6	+10	E	5	c	31	75	6	5	-	-	9	9	1500	4	*
	Upper Heyford	1015·9	+18	E'N	4	q	32	75	7	5	7	-	7-8	9	800	0	*
4	Ross-on-Wye	1011·5	0	E	6	q	36	75	7	5	-	-	10	10	2500	1	*
5	Portland Bill ...	1006·1	+6	E	7	c	41	95	7	4	-	-	9+	9+	2500	1	6
	Plymouth ...	1003·3	-2	NE'E	5	ir_o	42	85	6	6	-	-	10	10	1500	1	3
	The Lizard ...	999·0	-4	E'S	8	pr_o	44	95	7	8	-	-	10	10	1500	1	5
	Scilly (St. Mary's)	997·2	-2	SE'E	7	c	46	95	7	5	-	-	10	10	2500	1	4
	Guernsey ..	1004·7	+6	E'S	5	o	41	85	6	5	-	-	10	10	2500	2	5
6	Pembroke ...	1004·8	0	ESE	8	q	39	75	7	5	1	-	4-6	10	1500	1	4
7	Holyhead ...	1010·9	+12	E'N	6	bc	37	85	8	1	-	-	2-3	2-3	2500	1	4
	Chester (Sealand)	1015·1	+10	SE'E	6	q	33	75	6	5	-	-	2-3	2-3	1500	1	*
8	Manchester ...	1016·9	+8	E'S	7	z_o	33	65	6	1	-	-	1	1	2500	4	*
10	Spurn Head ...	1019·7	+18	SE'E	7	q	34	85	7	3	7	-	4-6	7-8	1500	0	6
	Catterick ...	1021·8	+12	ESE	4	c	33	75	8	5	-	-	9	9	2500	1	*
	Tynemouth ...	1022·2	+16	SE	5	c	36	75	7	6	-	-	9	9	1500	1	3
11	Inchkeith ...	1021·7	+6	E	4	c	35	75	8	5	3	-	7-8	9+	4000	0	3
	Leuchars ...	1023·7	+10	SE	4	c	36	65	7	5	-	-	9+	9+	4000	1	*
12	Renfrew (Abbotsl.)	1020·8	+20	E'S	4	c	35	75	6	7	-	-	7-8	7-8	2500	4	*
	Eskdalemuir ...	1020·5	+8	E'S	7	bc	31	75	7	5	-	-	4-6	4-6	1500	4	*
	Point of Ayre ...	1015·8	+16	SE	7	bc	37	75	8	4	-	-	4-6	4-6	2500	0	4
13A	Tiree	1015·6	+8	E'S	7	b	38	75	8	1	-	-	1	1	4000	0	*
13B	Stornoway ...	1018·7	+8	SE	6	b	42	65	8	-	-	-	0	0	-	1	3
15	Dalwhinnie ...	1023·1	+10	ENE	2	c	32	85	7	4	2	-	4-6	10	2500	4	*
	Aberdeen ...	1025·4	+8	SSE	4	c	36	65	8	5	-	-	7-8	7-8	2500	1	3
	Wick ...	1024·8	+6	SSE	6	c	38	75	8	8	1	-	4-6	7-8	1500	1	4
16	Lerwick ...	1027·4	+6	S	5	bc	39	76	8	5	-	-	4-6	4-6	1500	0	*
17	Blacksod Point	1003·3	-8	E	7	q	42	85	7	-	7	-	0	7-8	-	0	5
18	Malin Head ...	1011·9	+10	E	7	c	41	85	7	5	3	-	7-8	7-8	1500	0	4
	Aldergrove ...	1012·6	+2	E	6	c	37	75	7	5	-	-	9	9	1500	1	*
19	Birr Castle ...	1004·5	-4	ESE	4	c	38	75	8	5	-	-	9+	9+	2500	1	*
20	Valentia Obsy. †	999·0	-4	ESE	7	ir_o	47	86	7	6	-	-	10	10	1500	1	5
	Roches Point	999·2	0	ESE	7	ir_o	43	95	6	6	-	-	10	10	1500	1	6

PAST 24 HOURS.

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

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
KEW	18	bz_oy	bz_o	bz_o	40	35	31	-	-	6·6	*	*	7
CROYDON	217	bz_oy	byz_o	bm_ox	43	32	28	-	-	8·0	*	*	7
GREENWICH (Royal Observatory) ...	149	bm_o	b	bc	40	33	29	-	-	7·2	61	77	6
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	5·6	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	42	33	30	-	-	6·9	81	69	*
REGENT'S PK (Botanic Gardens)† ...	168	*	*	*	41	32	31	-	-	6·0	73	75	*
CAMDEN SQUARE	110	xb	b	*	42	31	26	-	-	*	*	64	*
KENSINGTON	80	xbz	bbc	*	41	33	27	-	-	7·3	67	71	*
HAMPSTEAD OBSERVATORY	450	bm	b	bmx	39	30	26	-	-	7·4	*	?	*

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

SOUTH KENSINGTON.

Max.	Time.	Min.	Time.
1·0	11h 9th.	<0·3	6h 10th

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
0·6	12h 9th	0·1	4h 10th

FOREIGN OBSERVATIONS.

STATIONS.	18h. G.M.T. 9th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 10th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
PARIS	1010·1	SE	2	bc	36	1011·5	ENE	3	c	30
BRUSSELS	1013·5	ENE	2	b	34	1017·1	NE	5	c	25
BERLIN	1016·4	NE'N	4	is_o	28	1021·2	NNE	2	cz_o	19
ZÜRICH						1011·0	WNW	2	m	21
ROME	1013·1	-	0	b	46	1009·0	NE	2	cz_o	37

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
46	30	-	-
39	25	-	-
34	18	1	-
*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 —Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 11th February, 1936.

No. 27109.

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

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)	1018·4	+12	E	6	3o	34	88	6	1	-	7	1	9+	2500
	Croydon ...	1017·8	+14	E'S	5	c	34	88	7	1	-	6	Tr	7·8	4000
	S. Farnborough	1017·1	+18	E'S	5	c	34	48	7	-	4	6	0	7·8	-
	Boscombe Down	1014·8	+12	E	5	c	33	88	7	8	1	8	2·3	7·8	1500
	Calshot (Sthmtn.)	1014·3	+14	ENE	7	c	35	88	7	5	7	-	4·6	9+	2500
	Lympne ...	1018·5	+4	E'N	6	q	31	88	8	1	-	6	Tr	4·6	2500
	Manston ...	1019·1	+2	E	7	q	32	88	7	4	-	1	4·6	4·6	2500
2	Shoeburyness ...	1019·9	+2	E	6	q	33	88	8	5	-	8	4·6	4·6	4000
	Felixstowe ...														
	Gorleston ...	1022·4	+4	E'N	7	bc	32	85	7	8	-	-	4·6	4·6	2500
	Mildenhall ...	1020·9	+4	E	6	bc	33	65	8	5	-	5	4·6	4·6	2500
	Cranwell ...	1021·1	+2	E	6	bc	33	78	8	8	-	-	4·6	4·6	2500
3	Birmingham ...	1018·4	+14	E	5	3o	31	88	6	5	-	1	4·6	4·6	2500
	Upper Heyford	1018·3	+16	E'S	6	q	31	65	8	7	7	8	2·3	4·6	2500
4	Ross-on-Wye	1014·8	+8	E	6	q	34	88	8	1	1	2	Tr	7·8	4000
5	Portland Bill ...	1009·1	+14	E	7	c	38	85	7	5	-	-	10	10	1500
	Plymouth ...	1008·7	+18	E'S	7	3o	41	85	6	6	2	-	9+	10	1500
	The Lizard ...	999·7	0	E'S	10	rr	41	95	6	8	2	-	9	10	1500
	Scilly (St.Mary's)	995·0	-10	SE E	9	rr	44	95	4	6	-	-	10	10	800
	Guernsey ...	1006·7	+14	ESE	6	o	39	75	6	5	-	-	10	10	2500
6	Pembroke ...	1005·7	+20	ESE	10	q	36	88	6	5	2	-	7·8	10	1500
7	Holyhead ...	1011·7	-2	E'N	8	bc	37	88	7	5	8	2	Tr	4·6	2500
	Chester(Sealand)	1017·5	+2	ESE	7	3o	35	88	6	7	-	-	4·6	4·6	2500
8	Manchester ...	1019·3	+6	ESE	6	3o	36	88	6	7	-	-	2·3	2·3	2500
10	Spurn Head ...	1022·5	+8	SE'E	8	q	34	98	6	4	6	-	4·6	4·6	1500
	Catterick ...	1023·3	+2	SE'E	5	bc	35	88	8	7	-	-	4·6	4·6	4000
	Tynemouth ...	1023·8	+8	SE	5	c	35	78	8	9	-	-	7·8	7·8	1500
11	Inchkeith ...	1023·0	+2	E	4	bc	37	65	8	5	-	-	2·3	2·3	2500
	Leuchars ...	1025·0	0	ESE	5	3bc	39	88	8	1	-	-	4·6	4·6	2500
12	Renfrew (Abbots I.)	1020·3	-6	E'S	5	b	38	88	7	1	-	-	Tr	Tr	4000
	Eskdalemuir ...	1021·7	+2	E	6	b	34	88	7	1	-	-	1	1	2500
	Point of Ayre...	1016·7	-6	SE'S	8	bc	38	78	8	2	-	-	2·3	2·3	2500
13A	Tiree	1016·8	+4	ESE	7	b	39	88	7	1	-	-	Tr	Tr	4000
13B	Stornoway ...	1020·7	+6	SE	5	b	41	88	8	-	-	-	0	0	-
15	Dalwhinnie ...	1023·4	+4	E	4	c	34	85	7	4	6	-	4·6	7·8	2500
	Aberdeen ...	1026·4	-2	SSE	5	bc	38	88	7	5	-	-	2·3	2·3	2500
	Wick ...	1024·9	-8	SSE	7	c	39	65	8	5	1	-	4·6	7·8	1500
16	Lerwick ...	1027·7	-10	S'W	4	bc	40	78	8	5	-	-	2·3	2·3	2500
17	Blacksod Point	1003·1	-8	E	8	q	40	78	7	-	7	-	0	10	-
18	Malin Head ...	1015·1	+8	E	6	bc	39	78	7	8	-	-	2·3	2·3	1500
	Aldergrove ...	1014·7	+12	E	8	c	36	65	7	5	-	6	1	7·8	1500
19	Birr Castle ...	1005·7	+6	ENE	4	c	38	65	8	5	2	-	9	10	2500
20	Valentia Obsy.†	992·1	-24	E'S	9	10	43	78	7	6	-	-	10	10	1500
	Roches Point	998·9	-10	ESE	9	9	41	85	6	6	-	-	10	10	800

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

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)	1018·2	0	E	6	cz$_o$	32	65	6	-	1	-	0	10	-	4	*
	Croydon ...	1017·9	+2	E'N	5	c	30	68	7	-	7	6	0	10	-	4	*
	S. Farnborough	1016·7	-8	ESE	6	c	30	55	7	5	7	-	4·6	10	5700	0	*
	Boscombe Down	1015·8	+2	E	5	c	30	65	7	5	7	-	2·3	10	2500	4	*
	Calshot (Sthmtn.)	1014·6	0	ENE	7	c	33	95	7	5	2	-	9	10	1500	1	4
	Lympne ...	1019·7	+6	E'N	6	cq	29	65	6	5	7	6	2·3	9	5700	4	§ 5
	Manston ...	1021·1	+12	E'S	6	cq	30	65	7	-	1	2	0	7·8	-	4	*
2	Shoeburyness ...	1020·5	+2	E	6	q	32	95	8	5	7	6	1	10	4000	1	*
	Felixstowe ...	(1023·)															
	Gorleston ...	1022·5	+8	ESE	6	bc	31	95	7	2	-	-	4·6	4·6	2500	4	5
	Mildenhall ...	1022·0	+4	E'N	5	bc	29	65	8	-	2	2	0	2·3	-	4	*
	Cranwell ...	1022·0	+4	E	5	c	28	85	8	-	1	6	0	7·8	-	4	*
3	Birmingham ...	1017·9	0	E	6	cz$_o$	28	55	5	-	1	7	0	10	-	4	*
	Upper Heyford	1018·0	-2	E'S	5	cq	28	65	8	5	7	8	2·3	9+	2500	0	*
4	Ross-on-Wye	1015·0	0	E	5	cq	30	55	7	-	7	-	0	10	-	4	*
5	Portland Bill ...	1011·0	+24	ESE	8	c	39	65	7	5	-	-	10	10	1500	1	6
	Plymouth ...	1004·1	-14	E	9	ir$_o$	40	75	6	6	2	-	9	10	800	1	4
	The Lizard ...	998·1	-4	E'S	10	rr	41	95	6	6	-	-	10	10	1500	1	5
	Scilly (St.Mary's)	992·6	+12	SE'E	9	rrm	43	95	4	6	-	-	10	10	800	1	6
	Guernsey ...	1007·7	+2	ESE	6	o	38	85	6	5	-	-	10	10	2500	1	5
6	Pembroke ...	1005·0	+8	ESE	10	oq	36	85	7	5	-	-	10	10	1500	1	5
7	Holyhead ...	1009·9	-8	ENE	8	c	34	75	7	5	8	8	2	7·8	2500	1	4
	Chester(Sealand)	1017·4	+2	SE'E	6	cz$_o$	30	65	6	1	7	-	1	9+	2500	4	*
8	Manchester ...	1019·1	-2	ESE	6	bcz$_o$	29	65	5	-	-	2	0	2·3	-	4	*
10	Spurn Head ...	1023·0	+4	SE	7	bcq	32	95	8	3	7	-	4·6	4·6	1500	0	6
	Catterick ...	1023·7	+4	SE'E	4	c	31	65	8	5	-	-	9+	9+	4000	0	*
	Tynemouth ...	1023·8	+2	SE	5	c	36	95	8	9	-	-	9	9	1500	1	3
11	Inchkeith ...	1023·0	0	E	5	c	33	75	8	5	4	-	4·6	7·8	4000	0	4
	Leuchars ...	1024·8	0	ESE	6	c	35	65	8	5	-	-	9	9	2500	1	*
12	Renfrew (Abbots I.)	1021·3	+6	E	4	bz$_o$	33	65	6	-	-	-	0	0	-	0	*
	Eskdalemuir ...	1023·0	+4	SE	4	bc	29	65	7	5	-	-	4·6	4·6	2500	4	*
	Point of Ayre...	1016·3	-4	SE'S	8	bc	34	65	8	4	-	-	2·3	2·3	2500	0	5
13A	Tiree	1017·2	-6	ESE	6	b	36	55	7	-	7	5	0	1	-	0	5
13B	Stornoway ...	1018·5	-4	ESE	4	b	40	55	8	5	-	-	Tr	Tr	1500	1	2
15	Dalwhinnie ...	1024·2	+4	W	2	c	29	95	7	4	2	-	4·6	7·8	2600	4	*
	Aberdeen ...	1025·6	+2	SSE	4	cz$_o$	35	56	6	5	-	-	9+	9+	2500	1	3
	Wick ...	1023·6	-10	SSE	6	bc	37	65	8	8	-	-	4·6	4·6	1500	1	4
16	Lerwick ...	1025·7	-6	SW	4	b	38	65	8	-	-	-	0	0	-	0	*
17	Blacksod Point	1001·6	-18	E	8	pr	37	75	7	9	-	-	10	10	800	1	6
18	Malin Head ...	1011·7	-20	E	7	c	37	75	7	5	1	-	4·6	7·8	1500	0	5
	Aldergrove ...	1014·0	+4	E'N	6	c	33	75	7	5	7	6	1	9+	1500	1	*
19	Birr Castle ...	1004·1	-6	E	4	c	36	65	8	5	1	-	7·8	10	2500	1	*
20	Valentia Obsy.†	990·1	-6	E'S	9	c/rs	41	75	8	5	7	-	7·8	9+	1500	1	6
	Roches Point	997·1	-10	ESE	9	ors	39	95	8	6	-	-	10	10	800	1	6

PAST 24 HOURS. WEATHER.

Stations.	7h.—13h. (37)	13h.—18h. (38)	18h. 10th to 1h. 11th. (39)	1h.—7h. 11th. (40)
London (Kew)	c3o y	cz$_o$ y	cz$_o$	cz$_o$
Croydon ...	c3$_o$ bcy	bcyc	cbcc	bcxyc
S. Farnborough	cbcy ⊕	bcccy	yc	c
Boscombe Down	c	c	c	c
Calshot (Sthmtn.)	c	c	cbc	bcbbc
Lympne ...	cbcy	bcy	cm$_o$bcy	bccybc
Manston ...	cqbcq	bc cq	cbcqy	bccqy
Shoeburyness ...	bcq	bcq cq	bcqx	cqx
Felixstowe ...				
Gorleston ...	cbcxq	bcxcq	epcqx	bcqx
Mildenhall ...	bccbc	bc	bc	bcc
Cranwell ...	cbc	bc c	bc	bc
Birmingham ...	cbc	bc cz$_o$	cbcc	c
Upper Heyford	cbcq	bccqy	cqbcc	cq
Ross-on-Wye	cq	cqy	cqoc	cc
Portland Bill ...	c	c	c	oHr
Plymouth ...	oci$_o$m$_o$	cr$_o$m$_o$	orrhSrs$_o$m$_o$	Orsrsm$_o$
The Lizard ...	crrq	RRm$_o$q	rrmq	Orro
Scilly (St.Mary's)	orrm	orrm	orrmq	orrm$_o$
Guernsey ...	oirqo	oq OPHor	or PR	
Pembroke ...	cqm$_o$c	cqm$_o$o	oqiSc	oqmoiso
Holyhead ...	bcbbcy	bcyc	c	epr$_o$s
Chester(Sealand)	b$_3$y	bcz$_o$cy	cbczo	bczo
Manchester ...	bbc$_3$o	bcz$_o$	bczo	bczo
Spurn Head ...	cq	bcq	bcq	bcq
Catterick ...	cbcy	bcyc	cbcx	bcbx
Tynemouth ...	cq	c	cq	cbqc
Inchkeith ...	cbc	bcc	cbc	bcb
Leuchars ...	bcy	bcyc	cq	cqbcb
Renfrew (Abbots I.)	cbo$_3$by	by bz$_o$	bz$_o$	bz$_o$b
Eskdalemuir ...	bcby	bq bc	beb	bbx
Point of Ayre...	bc	bc	bbcc	c
Tiree	b	b	b	b
Stornoway ...	by	by	b	bxv
Dalwhinnie ...	c	c	*	bcb
Aberdeen ...	cbcy	bycz$_o$	e$_o$bbcx	bc
Wick ...	c	c bc	bc	bc
Lerwick ...	bc	bcb	bbc	c
Blacksod Point	cq	ph$_o$q bcc	prsk	cq
Malin Head ...	bc	cu	cu	c
Aldergrove ...	bcbbcb	bbc c	c	c
Birr Castle ...	c	cq	coss	osscr
Valentia Obsy.†	co$_o$ic$_o$	co$_o$ic$_o$	rrir$_o$	iro r$_o$r$_o$
Roches Point	ir$_o$crcs	ors rs c	orr	orr

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus)
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{10}$ of the sky. "9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

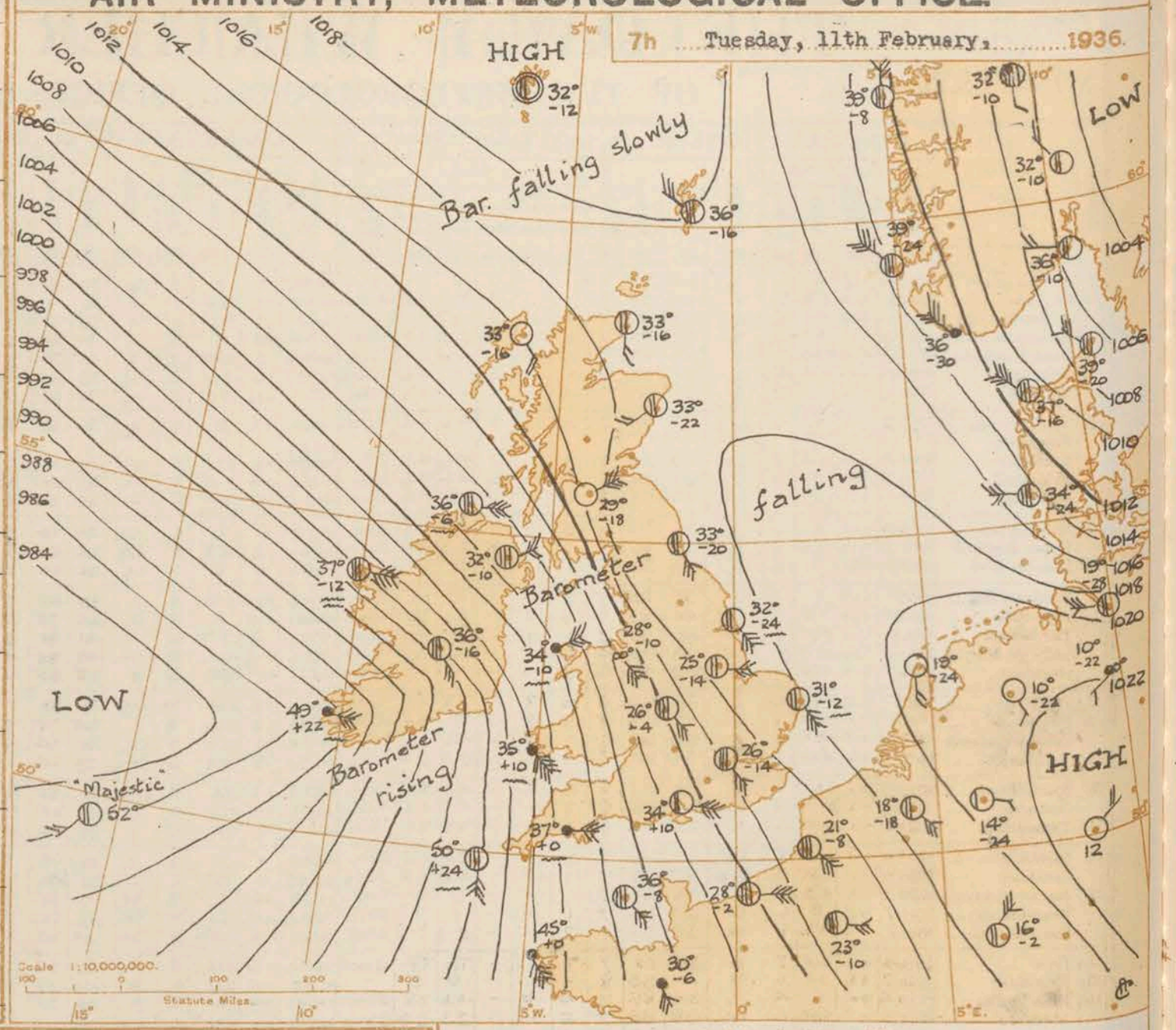
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 10th February 1936.

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 9th to 9h. 10th	Temperature. Max. 9h.—17h. 10th	Rainfall. Night. 17h. 9th to 9h. 10th	Rainfall. Day. 9h.—17h. 10th	Sunshine. Sunrise to Sunset. 10th
1	Tunbridge W.	bcb	bbc	30	33	-	-	3·9
	Bournemouth	c	c	32	38	-	-	0·0
	Ventnor ...	x ou	ou	36	38	-	-	0·0
	Southsea ...	oc	o	33	36	-	-	0·3
	Bognor Regis	cc bc	o	33	35	-	-	0·5
	Littlehampton	c	c	34	36	-	-	0·5
	Worthing ...	cbc	c	34	37	-	-	0·8
	Brighton ...	c	c	34	35	-	-	1·0
	Eastbourne†	cvc	co	33	39	-	-	0·6
	Hastings† ...	cbc	bcc	32	38	-	-	2·5
	Folkestone ...	bcxb	bbcc	31	34	-	-	5·0
	Dover... ...	bc	bcc	33	36	-	-	5·1
	Deal	cQb	Qb	31	38	-	-	6·4
	Ramsgate ...	b	bbc	31	34	-	-	6·4
	Margate ...	bc	bc	31	33	-	-	6·8
2	Southend ...	b	bbc	32		-	-	6·6
	Maldon ...	b	bbcc	32	33	-	-	7·1
	Clacton-on-Sea	bc	bc	31	33	-	-	5·7
	Dovercourt ...	bcv	bc	31	33	-	-	6·9
	Lowestoft ...	bc	bc	30	34	-	-	5·0
	Skegness ...	bc	bc	33	34	Trace	-	7·0
	Mablethorpe	bc	bcc	33	35	Trace	-	6·4
	Cleethorpes ...	bc	bcc	33	35	-	-	5·5
3	Leamington S.	bc	c	31	35	-	-	4·2
4	Cheltenham†	qbc	bcc	31	37	-	-	3·7
5	Bath	cbcq	cq	32	36	-	-	0·2
	Weymouth ...	c	c	35	40	-	-	0·0
	Jersey ...	c	c	37	40	7	-	0·2
	Torquay ...	oqmo	oqmo	38	43	19	-	0·0
	Penzance ...	rqr	qr	43	45	4	19	0·0
	St. Ives ...		r	42	43	6	12	0·0
	Bude	o	o	39	41	13	-	0·0
	Ilfracombe ...	ocbcc	o	34	39	-	-	0·0
6	Aberystwyth	cbcb	bcco	39	42	-	-	0·0
7	Llandudno ...	b bc	bccbc	33	36	-	-	4·5
	Colwyn Bay...	bcb	bcc	31	35	-	-	4·5
	Rhyl	bbc	bc	31	35	-	-	4·6
8	Wallasey ...	bbcb	bc	32	35	-	-	4·6
	Southport‖ ...	b bc	bc	32	35	-	-	5·5
	Blackpool ...	cbc	bcc	34	36	-	-	4·6
	Morecambe ...	cbcbb	bbcc	32	36	-	-	5·5
9	Ilkley... ...	bc	bc	30	35	-	-	4·2
	Harrogate ...	cbc	bc	28	34	-	-	6·1
10	Berwick-on-T.	cbc	bcc	35	38	-	-	5·0
11	Dunbar ...	bc	bc.	35	38	-	-	6·2
12	Troon... ...	x bc	bbcbb	31	39	-	-	6·8
	Douglas ...	bcq	cbqx	33	38	-	-	4·1

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



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 11th February, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Wind southeast moderate to fresh, decreasing; fair; very cold, severe frost at night.
5 S.W. England 6 South Wales ... 7 North Wales ...	Wind southeast to south strong to a gale at first, moderating; cloudy; occasional rain, with sleet on the high ground; rather mild in the extreme Southwest, rather cold elsewhere.
8 N.W. England	Wind southeast strong to a gale, decreasing; fair; cold, frost at night.
9 N. Midlands ... 10 N.E. England	As 1 - 4.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	As 8.
13 A. W. Scotland. B.N.W. Scotland.	Wind southeast fresh. strong locally on the coast; fine; cold, severe frost at night.
14 Mid Scotland	
15 N. E. Scotland 16 Orkneys and Shetlands	Wind variable or southerly light; fair; cold, severe frost inland at night.
17 N. W. Ireland 18 N. E. Ireland	Wind easterly, strong to a gale, decreasing; mainly cloudy; local sleet or snow; cold.
19 S. E. Ireland 20 S. W. Ireland	Wind becoming southeast or south, fresh, decreasing; cloudy; occasional rain, with sleet locally at first; becoming milder.

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

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

GENERAL INFERENCE.

An anticyclone is extending east and southeast from East Greenland over Scandinavia and the North Sea. A depression west of Ireland is moving northwards while another over Sweden is moving southeast. Fair and cold conditions will continue in the North and East. In the Southwest there will be cloudy conditions with occasional rain, while sleet or snow will occur in Wales and parts of Ireland.

FURTHER OUTLOOK.

Fair and cold in most parts of Great Britain with severe night frost; continuing rather mild in the extreme Southwest.

TIMES OF ISSUE OF GALE WARNINGS.

▼. South Cone hoisted at 1630 on 6th in dist. 17.
▼. South Cone hoisted at 2030 on 6th in dists. 5, 6, 19.
▼. South Cone hoisted at 1930 on 8th in dists. 1 (part of) and 7, 11, 18 and at 0820 on 10th in dist. 13B.

Forecasts issued at 1030 G.M.T.

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

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

Morning of

TUESDAY, 11TH FEBRUARY.

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 11th February, 1936.

No. 27109.

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1017·6	-6	SE'E	4	bc	27	65	8	-	7	1	0	2-3	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	SE'E	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1019·2	-2	E'S	6	c q	27	55	7	-	1	2	0	7-8	-
	Manston ...	142	1019·7	-6	ESE	4	bc q	28	55	8	-	1	1	0	4-6	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1021·5	-8	SE'E	6	bc	31	95	7	5	5	-	2-3	4-6	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1008·3	-10	ESE	8	0	38	75	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	998·7	0	E'S	9	0	41	95	7	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	993·8	0	SE'S	8	rr	45	95	5	6	-	-	10	10	800
	Guernsey ..	175	1008·8	0	SE	6	r	34	85	4	5	-	-	10	10	1500
6	Pembroke ...	142	1002·5	-16	ESE	10	c/ps	34	95	6	8	-	-	10	10	1500
7	Holyhead ...	26	1008·6	-2	E	6	c	32	85	8	5	7	8	2-3	10	4000
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1020·3	-8	SE	7	bc q	32	95	7	5	7	-	4-6	4-6	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1021·1	-12	SE	5	c	34	85	8	2	-	-	7-8	7-8	2500
11	Inchkeith ...	190	1021·9	-8	E	5	bc	32	85	8	5	-	-	4-6	4-6	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1014·4	-8	SE	8	DC	32	95	8	-	-	2	0	4-6	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1017·6	-8	ESE	4	b	38	65	8	-	-	-	0	0	-
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1020·4	-16	S	6	bc	35	75	8	5	-	-	2-3	2-3	2500
16	Lerwick ...	156	1022·4	-12	SW	3	bc	36	85	8	5	8	-	2-3	4-6	2500
17	Blacksod Point	18	999·6	-6	E	7	prs	35	85	7	5	-	-	10	10	800
18	Malin Head ...	52	1010·5	-8	E	7	c u	35	95	7	5	-	-	9+	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	985·3	0	E'S	9	rr	44	95	6	9	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Cloud. Form. Med. (24)	Cloud. Form. High (25)	Cloud. Amount. Low 0–10 (26)	Cloud. Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1014·1	-6	ESE	4	c Zo	27	65	6	5	-	-	9+	9+	2500	4	*
	Croydon ...	1013·8	-14	SE'E	4	c	26	65	8	-	3	-	0	7-8	-	4	*
	S. Farnborough	1013·8	+6	SE'E	4	c	28	65	7	5	3	-	7-8	9	5700	4	*
	Boscombe Down	1011·0	-2	ESE	6	c	29	75	7	5	7	-	1	7-8	2500	4	*
	Calshot (Sthmtn.)	1011·3	+10	E	7	bc	34	75	8	5	-	-	4-6	4-6	2500	1	4
	Lympne ...	1015·7	-16	ESE	5	c	24	65	7	-	7	-	0	7-8	-	4	5
	Manston ...	1016·3	-18	SE	6	c q	26	55	8	-	3	6	0	9+	-	4	*
2	Shoeburyness ...	1015·9	-20	ESE	7	c q	28	75	8	5	7	6	2-3	10	4000	0	*
	Felixstowe ...																
	Gorleston ...	1018·0	-12	SE'E	6	bc	31	85	7	-	3	-	0	2-3	-	4	5
	Mildenhall ...	1016·0	-16	ESE	4	c	28	65	8	-	7	5	0	7-8	-	4	*
	Cranwell ...	1016·1	-14	E	5	bc	25	95	7	5	3	-	2-3	4-6	2500	4	*
3	Birmingham ...	1013·5	-4	ESE	4	c	26	55	7	-	7	-	0	9	-	4	*
	Upper Heyford	1013·8	-8	ESE	4	c q	25	65	7	5	7	-	4-6	7-8	1500	4	*
4	Ross-on-Wye	1011·3	0	E'S	3	c	28	55	7	5	-	-	9	9	4000	4	*
5	Portland Bill ...	1006·7	-6	ESE	7	RR	36	95	7	5	-	-	10	10	1500	2	6
	Plymouth ...	1004·2	0	E	6	ir o	37	95	8	5	2	-	7-8	10	1500	6	3
	The Lizard ...	1000·6	+18	SE	7	o	44	95	6	5	-	-	10	10	1500	1	5
	Scilly (St. Mary's)	997·5	+32	S	5	c	50	95	6	8	7	-	4-6	7-8	1500	1	4
	Guernsey ..	1006·7	-8	SE'S	5	c	36	95	7	8	1	-	7-8	10	2500	2	5
6	Pembroke ...	1002·5	+10	SE	9	ir	35	95	6	6	-	-	10	10	1500	6	5
7	Holyhead ...	1004·5	+10	E'N	6	prs	34	75	8	5	-	-	10	10	2500	1	4
	Chester(Sealand)	1011·8	-10	SE	6	c Zo	28	65	6	5	-	8	4-6	7-8	2500	4	*
8	Manchester ...	1013·7	-14	SE'E	4	bc Zo	28	65	6	5	3	1	4-6	4-6	2500	4	*
10	Spurn Head ...	1016·5	-24	SE	6	bc q	32	95	8	-	7	-	0	2-3	-	0	5
	Catterick ...	1017·5	-16	-	0	b	20	95	8	-	-	5	0	1	-	4	*
	Tynemouth ...	1016·0	-20	SSE	4	bc	33	85	8	2	-	-	2-3	2-3	2500	4	3
11	Inchkeith ...	1017·0	-16	E	3	b	30	95	8	?	-	-	Tr	Tr	800	4	2
	Leuchars ...	1018·1	-20	SE	1	b	30	75	8	8	-	-	1	1	4000	4	*
12	Renfrew (Abbots I.)	1015·2	-18	ENE	4	b	29	85	7	-	-	-	0	0	-	4	*
	Eskdalemuir ...	1016·5	-10	NEE	3	b	22	85	8	5	-	-	1	1	2500	4	*
	Point of Ayre...	1009·9	-20	SE'S	8	bc	32	95	8	-	2	-	0	4-6	-	4	5
13A	Tiree	1009·2	-14	ESE	6	b	39	45	9	-	3	-	0	Tr	-	0	*
13B	Stornoway ...	1014·3	-16	ESE	2	b	33	75	9	-	-	-	0	0	-	1	1
15	Dalwhinnie ...	?	-16	-	0	b	24	65	8	4	-	-	Tr	Tr	5700	4	*
	Aberdeen ...	1017·3	-22	SW	2	bc	33	75	7	5	3	-	2-3	2-3	2500	4	2
	Wick ...	1016·7	-16	S	3	bc	33	75	8	5	-	-	2-3	2-3	2500	0	3
16	Lerwick ...	1018·1	-16	N'N	3	c	36	85	8	6	2	-	7-8	10	1500	0	*
17	Blacksod Point	997·3	-12	E	7	c	37	85	7	7	-	-	10	10	450	0	6
18	Malin Head ...	1006·6	-6	E	7	c	36	95	7	5	-	-	7-8	7-8	1500	0	5
	Aldergrove ...	1006·7	-10	ENE	5	c	32	75	7	5	7	-	4-6	7-8	1500	1	*
19	Birr Castle ...	997·2	-16	SE	3	c	36	85	7	6	2	-	7-8	10	2500	8	*
20	Valentia Obsy. †	986·6	+22	E	6	r o/s	49	95	6	6	-	-	10	10	800	1	5
	Roches Point	991·1	-8	SSE	6	rr	48	95	6	6	-	-	10	10	1300	1	6

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 10th Hrs. (36)
1	London (Kew)	38	27	25	-	-	3·2
	Croydon ...	36	26	24	-	-	3·6
	S. Farnborough	36	27	25	-	-	2·6
	Boscombe Down	35	27	25	-	-	1·0
	Calshot (Sthmtn.)	37	33	32	-	-	0·2
	Lympne ...	33	24	21	-	-	5·4
	Manston ...	34	26	22	-	-	7·1
2	Shoeburyness ...	34	27	25	-	-	6·1
	Felixstowe ...						
	Gorleston ...	33	30	28	-	-	5·0
	Mildenhall ...	34	27	24	-	-	5·3
	Cranwell ...	35	25	22	-	-	5·9
3	Birmingham ...	33	25	23	-	-	3·6
	Upper Heyford	33	25	22	-	-	*
4	Ross-on-Wye	36	28	26	-	-	2·3
5	Portland Bill ...	42	34	*	-	4	*
	Plymouth ...	42	33	32	0·2	23	0·0
	The Lizard ...	45	40	*	22	24	*
	Scilly (St. Mary's)	47	42	*	15	46	0·0
	Guernsey ..	42	33	32	0·1	11	0·0
6	Pembroke ...	42	26	*	-	12	0·0
7	Holyhead ...	39	32	20	-	Tr	3·1
	Chester(Sealand)	36	28	25	-	-	5·4
8	Manchester ...	36	28	25	-	-	5·3
10	Spurn Head ...	40	31	*	-	-	5·8
	Catterick ...	36	20	10	-	-	4·4
	Tynemouth ...	38	33	30	-	-	2·6
11	Inchkeith ...	37	29	23	-	-	7·1
	Leuchars ...	39	30	23	-	-	5·5
12	Renfrew (Abbots I.)	39	27	25	-	-	6·1
	Eskdalemuir ...	35	21	18	-	-	6·4
	Point of Ayre...	39	31	*	-	-	4·1
13A	Tiree	40	34	33	-	T	7·3
13B	Stornoway ...	42	32	*	-	-	7·8
15	Dalwhinnie ...	40	23	13	-	-	5·1
	Aberdeen ...	39	33	28	-	-	5·2
	Wick ...	39	33	*	-	-	*
16	Lerwick ...	40	34	*	-	-	7·6
17	Blacksod Point	44	32	*	Tr	Tr	*
18	Malin Head ...	41	34	*	-	-	5·5
	Aldergrove ...	38	31	30	-	-	3·4
19	Birr Castle ...	40	30	29	-	4	0·0
20	Valentia Obsy. †	47	37	35	7	10	0·0
	Roches Point	43	39	*	8	14	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility 9h.
Kew	18	c Zo y	c Zo y	c Zo	34	27	25	-	-	3·2	•	•	6
Croydon	217	c Zo bey	bc y c	bc x y c	36	26	24	-	-	3·6	•	•	7
Greenwich (Royal Observatory)...	149	c bc	bc 8c q	c bc	35	25	22	-	-	4·6	63	72	5
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	3·3	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	35	27	25	-	-	3·7	*	*	•
Regents Pk. (Botanic Gardens)† ...	168	•	•	•	35	26	24	-	-	3·0	*	*	•
Camden Square	110	c bc	bc b	•	34	26	21	-	-	•	•	88	•
Kensington	80	bc x	bc c o	•	35	27	21	-	-	3·5	At 18h. *	88	•
Hampstead Observatory	450	bc	bc	bc m x	33	24	15	-	-	3·9	•	*	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·6	15–19h 10th	0·3	1–2h 11th

Kew Observatory. Max.	Time.	Min.	Time.
0·3	20h 10th	0·1	0–6h 11th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 10th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 11th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1017.0	NE	5	c	32	1014·6	E	4	c	23
Brussels	1022.7	ENE	2	b	27	1018·7	E'S	4	bc	18
Berlin	1023·7	NNW	2	b	23	1020·9	W	3	Zo	18
Zürich	1017·9	NE	2	SoSo	19	1019·2	WNW	1	c	12
Rome						1009·1	N	10	c	34

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
37	23	-	-
30	16	-	-
28	12	Tr	-
28	10	0·1	Tr
	*		-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 —Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

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

§ See disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 12th February, 1936.
No. 27110.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	%Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1010·6	-16	E/N	4	z_o	30	45	5	5	-	-	10	10	4000
	Croydon ...	1011·1	-14	E/N	3	z_o	29	65	6	5	7	-	7-8	9+	5700
	S. Farnborough	1010·7	-10	E	3	$i r_o$	31	55	7	-	9	-	0	10	-
	Boscombe Down	1010·0	- 2	E	3	c	29	95	7	5	2	-	9+	10	1500
	Calshot (Sthmtn.)	1009·2	-10	E/N	6	rs	34	95	6	6	2	-	9	10	800
	Lympne ...	1011·6	-38	E'S	5	c	29	55	7	5	7	8	4-6	9+	5700
	Manston ...	1012·2	-26	E	5	q	29	55	7	5	-	8	2-3	7-8	4000
2	Shoeburyness ...	1012·8	-18	E'S	5	q	31	85	7	-	7	-	0	9	-
	Felixstowe ...														
	Gorleston ...	1014·8	-20	SE'E	5	bc	35	85	7	-	-	6	0	4-6	-
	Mildenhall ...	1013·3	-16	E'S	4	c	33	55	7	-	7	6	0	7-8	-
	Cranwell ...	1013·5	-16	E'S	4	c	35	65	7	-	4	5	0	7-8	-
3	Birmingham ...	1011·3	- 6	ESE	3	m	32	85	4	1	-	-	2-3	2-3	2500
	Upper Heyford	1011·6	- 6	E	4	sh	29	55	6	5	-	-	9+	9+	4000
4	Ross-on-Wye	1011·2	- 4	ENE	2	$s_o s_o$	27	95	5	5	-	-	10	10	1500
5	Portland Bill ...	1007·0	+4	ESE	6	c	38	95	7	5	-	-	10	10	2500
	Plymouth ...	1005·7	+4	E'S	5	c/r	38	95	7	5	1	-	9	9+	800
	The Lizard ...	1003·2	+12	SSE	4	c	48	95	7	5	2	-	10	10	1500
	Scilly (St. Mary's)	1001·4	+10	SW	4	c	53	85	6	8	-	-	7-8	7-8	2500
	Guernsey ...	1006·3	0	SE	3	0	38	95	6	5	-	-	10	10	2500
6	Pembroke ...	1004·6	+10	SE	8	u	37	95	6	5	2	-	4-6	10	1500
7	Holyhead ...	1006·5	+6	E/N	4	c	38	75	8	5	8	-	4-6	10	4000
	Chester (Sealand)	1010·7	-10	SE	5	z_o	34	45	6	-	7	8	0	9+	-
8	Manchester ...	1011·8	-14	ESE	5	z_o	36	45	5	-	4	9	0	7-8	-
10	Spurn Head ...	1015·0	- 6	SSE	4	bc	35	75	8	-	7	-	0	2-3	-
	Catterick ...	1014·4	-22	SE	3	b	35	45	8	-	-	5	0	Tr	-
	Tynemouth ...	1014·2	-12	S	2	bc	35	95	7	5	-	-	4-6	4-6	2500
11	Inchkeith ...	1015·0	- 8	ENE	3	bc	36	65	8	5	-	-	2-3	2-3	2500
	Leuchars ...	1015·0	-14	ESE	3	b	37	65	8	1	-	-	1	1	4000
12	Renfrew (Abbots I.)	1012·8	- 6	ENE	4	b	36	55	7	-	-	-	0	0	-
	Eskdalemuir ...	1013·1	-14	ENE	3	b	35	45	7	-	-	-	0	0	-
	Point of Ayre ...	1010·1	0	SE'S	7	bc	38	85	7	-	4	-	0	2-3	-
13A	Tiree	1009·6	-2	ESE	5	b	42	35	9	2	6	-	Tr	Tr	4000
13B	Stornoway ...	1013·1	-6	NE	3	b	42	55	9	-	-	-	0	0	-
15	Dalwhinnie ...	1014·6	-16	S	3	b	35	95	8	-	-	-	0	0	-
	Aberdeen ...	1015·8	- 4	S	2	bc	38	65	7	5	-	-	2-3	2-3	2500
	Wick ...	1015·9	+2	E	3	c	38	75	8	8	5	-	4-6	7-8	1500
16	Lerwick ...	1016·1	-10	NE	4	id_o	40	95	7	8	2	-	7-8	9	800
17	Blacksod Point	997·6	+4	E	8	q	40	85	7	-	7	-	0	7-8	-
18	Malin Head ...	1006·4	-6	E	6	bc	38	75	7	3	-	-	2-3	2-3	2500
	Aldergrove ...	1007·7	-6	E	6	c	35	75	6	5	7	-	7-8	9	2500
19	Birr Castle ...	1003·2	+22	SE	3	0	33	95	7	5	-	-	10	10	2500
20	Valentia Obsy. †	996·7	+56	S	5	$r_o r_o$	50	95	6	6	-	-	10	10	800
	Roches Point	999·0	+40	SSE	3	c	48	95	8	5	-	2	4-6	7-8	1500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1011·6	+8	ENE	2	m	31	45	4	5	1	-	9+	10	4000	4	*
	Croydon ...	1010·3	+4	ENE	2	m	30	55	4	5	7	-	4-6	7-8	4000	4	*
	S. Farnborough	1011·2	+4	ENE	1	c	30	65	5	-	7	-	0	9+	-	5	*
	Boscombe Down	1010·5	+4	NE'E	2	z_o	29	85	6	-	2	-	10	10	1500	5	*
	Calshot (Sthmtn.)	1010·2	+6	NE	3	0	33	95	6	5	-	-	10	10	1500	6	2
	Lympne ...	1011·5	0	SE'E	2	[illegible]	32	55	6	5	7	-	4-6	9+	4000	4	§ 2
	Manston ...	1011·6	+2	ESE	4	c	32	75	7	5	7	-	4-6	9+	4000	4	*
2	Shoeburyness ...	1011·8	+4	ESE	4	c	33	75	6	-	2	-	0	9	-	4	*
	Felixstowe ...																
	Gorleston ...	1014·3	+4	SE'E	3	bc	34	95	7	5	8	-	2-3	4-6	4000	1	3
	Mildenhall ...	1013·2	+14	E'S	2	z_o	30	75	6	-	7	-	0	1	-	4	*
	Cranwell ...	1013·2	+8	ENE	3	z_o	29	75	6	-	3	2	0	7-8	-	4	*
3	Birmingham ...	1011·7	+4	E	3	z_o	32	45	4	-	7	-	0	9+	-	4	*
	Upper Heyford	1011·7	+4	NE	2	z_o	30	55	6	5	7	-	4-6	9+	2500	4	*
4	Ross-on-Wye	1011·2	+4	ENE	2	z_o	28	85	5	5	-	-	10	10	800	8	*
5	Portland Bill ...	1008·0	+8	ESE	5	c	38	95	7	4	-	-	10	10	2500	1	5
	Plymouth ...	1007·0	+12	E'N	4	id_o	39	95	6	5	-	-	10	10	450	1	4
	The Lizard ...	1004·8	+16	E'S	5	$r_o r_o$	46	95	6	5	-	-	10	10	1500	1	4
	Scilly (St. Mary's)	1003·2	+16	S'E	2	c/r	48	85	7	8	4	-	7-8	7-8	1500	1	3
	Guernsey ...	1006·8	+6	SE'S	2	0	39	95	6	5	-	-	10	10	2500	1	3
6	Pembroke ...	1006·9	+16	ESE	6	0	35	95	6	5	-	-	10	10	1500	6	3
7	Holyhead ...	1008·0	+14	E'N	2	c	38	85	6	5	8	-	4-6	7-8	2500	1	1
	Chester (Sealand)	1011·1	+12	SE	2	z_o	29	65	5	-	7	-	0	4-6	-	4	*
8	Manchester ...	1012·0	+14	E'S	4	bc/r	32	55	4	-	4	-	0	2-3	-	† 0	*
10	Spurn Head ...	1013·7	-4	SE'E	4	bc	34	95	8	-	1	-	0	2-3	-	0	3
	Catterick ...	1014·4	+8	-	0	z_o	26	75	6	-	-	-	0	0	-	4	*
	Tynemouth ...	1014·7	+4	SSE	2	bc	36	85	7	5	-	-	2-3	2-3	1500	1	2
11	Inchkeith ...	1014·1	-4	E	3	bc	34	75	7	5	-	-	2-3	2-3	2500	4	2
	Leuchars ...	1015·6	+4	ESE	2	bc	34	75	7	7	-	-	4-6	4-6	1500	1	*
12	Renfrew (Abbots I.)	1013·9	+10	E'N	2	z_o	33	75	5	-	-	-	0	0	-	4	*
	Eskdalemuir ...	1014·5	+14	NE	2	b	28	65	6	-	-	-	0	0	-	4	*
	Point of Ayre ...	1021·2	+18	SE'S	5	bc	37	75	7	-	4	-	0	2-3	-	4	5
13A	Tiree	1011·4	+16	ESE	4	b	40	45	7	-	7	8	0	1	-	0	3
13B	Stornoway ...	1013·5	+8	ENE	2	b	39	65	8	-	-	-	0	0	-	1	1
15	Dalwhinnie ...	1014·5	+2	S	3	b	28	95	8	-	-	-	0	0	-	4	*
	Aberdeen ...	1016·0	+6	SSE	1	z_o	35	75	5	5	-	-	4-6	4-6	2500	1	1
	Wick ...	1016·1	+2	E	3	bc	36	85	8	5	1	-	2-3	4-6	2500	0	2
16	Lerwick ...	1017·1	+6	N'E	3	c	40	85	7	5	2	-	7-8	10	800	1	*
17	Blacksod Point	1002·7	+28	ESE	7	c	40	95	7	5	-	-	10	10	800	1	6
18	Malin Head ...	1009·4	+24	E	4	z_o	39	65	6	5	-	-	4-6	4-6	2500	0	3
	Aldergrove ...	1009·9	+12	E'N	4	z_o	36	65	6	5	-	-	9	9	2500	4	*
19	Birr Castle ...	1005·7	+20	SE	2	0	39	95	7	5	-	-	10	10	2500	1	*
20	Valentia Obsy. †	1001·7	+38	SE'E	4	r_o	50	85	8	5	2	-	2-3	10	1500	1	4
	Roches Point	1008·4	+28	SE	4	c	46	95	7	6	-	-	7-8	7-8	1500	1	6

PAST 24 HOURS.

Weather. 7h.—13h. 11th. (37)	13h.—18h. 11th. (38)	18h. 11th. to 1h. 12th. (39)	1h.—7h. 12th. (40)
czoy	czy	czob	bzox
cxzo	czoc	cbm.x	bmox
ccmor	irohsoc	cbcmox	beifxb
cro-rsc	cmo	bcmbo	bcmo
bccrrrsm	crsrmo	omobcmo	bcxmo
ccy	cycmo	bmo	bmox
cbcqy	cy	cobc	bcbx
cqxcx	cqcmo	bcmx	bcbcmx bbcx
bcqx	bcqx	bcbx	bbcx
c	bccbcmo	bmo	ymx
bc	cbczo	bcbx	bcmox
bcb	bcc	cb	bxf
cmosh	csohmo	cbcmo	bcbx
cososo	somo	omo	ocb
iorc·	iroc	or	rorcc
crdbbmo	crgoidmo	odogr	cordcmo
oprm	cmrr	crrir	oir
cbcc	orrmc	ofidc	odcmo
cigo	o	om	omido
oqmbirc	cqmoa	oqmoirc	cqmoo
cpro	cpro	cmozo	czob
czoy	czoybc	bcbzo	bmf
bccboy	czoybf	bmx	bmfx
qbc	bc	bcb	bbce
bxby	bybmo bx	bxbex	
bc	bc	bcm	bc mcm
bbc	bc	bcc	c
b	bbc	ucbx	bxcmo
by	byzo	bzomox	bmomx
bxby	bybzo	bzo	bbx
cbc	bc	bubb	b
b	b	bx	bx
b	b	b	b
b	b	*	bcb
bczbc	bczo	bcze	c
bcc	cbc	bc	bcc
cido	cpro	cbccpc	c
cq	iro	c	cc
cbc	bcbzbz	bczozo	bzozo
cpos	cmo	cmobcbx	px
co	p	∝	∈
roro	rorirro	cicc	cirorro
rrirc	rrmc	Com	cmcdd

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{10}$ of the sky.
"9 " signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

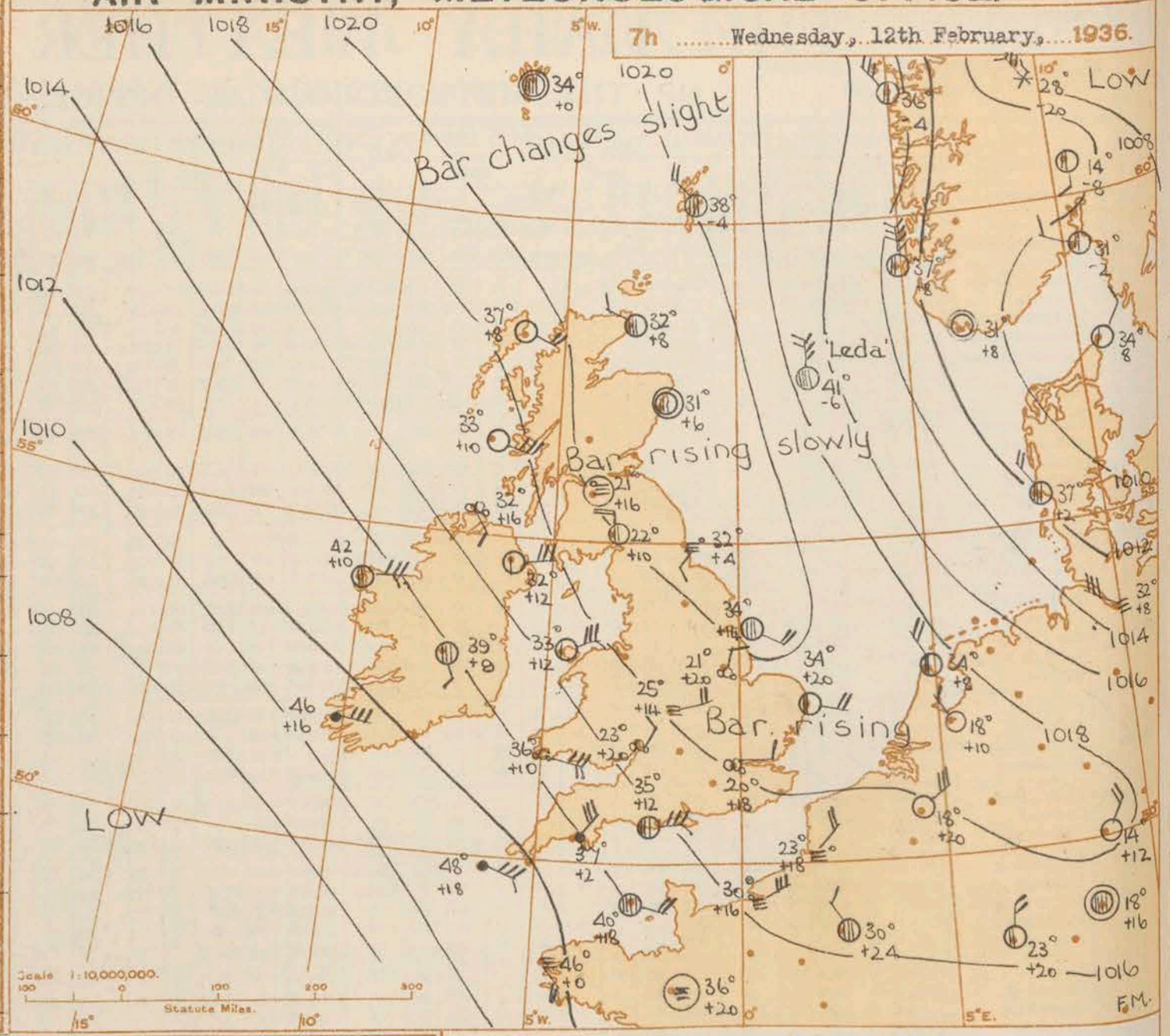
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 11th February 1936.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 10th to 9h. 11th.	Temperature. Max. 9h.—17h. 11th.	Rainfall. Night. 17h. 10th to 9h. 11th.	Rainfall. Day. 9h.—17h. 11th.	Sunshine. Sunrise to Sunset. 11th.
1	Tunbridge W.	bcc	o	25	31	–	–	0·0
	Bournemouth	o	ohro	32	34	5	5	0·0
	Ventnor ...	ohs	ov	31	34	Trace	20	0·0
	Southsea ...	orsh	orsho	21	34	Trace	12	0·0
	Bognor Regis	hhsrs	rsro	32	34	–	13	0·0
	Littlehampton	oh	ho	30	33	–	14	0·0
	Worthing ...	chs	ssc	30	33	–	6	0·0
	Brighton ...	chrs	rsso	29	33	–	3	0·0
	Eastbourne†	co	rs$_o$s$_o$c	29	35	–	2	0·0
	Hastings† ...	co	coc	28	33	–	–	0·0
	Folkestone ...	cxc	co	24	33	–	–	0·0
	Dover... ...	c	co	25	36	–	–	0·0
	Deal	co	o	25	33	–	–	0·0
	Ramsgate ...	bcc	c	26	34	–	–	0·9
	Margate ...	bcc	c	26	33	–	–	0·6
2	Southend ...	c	c	26	33	–	–	0·6
	Maldon ...	cbc	c	28	33	–	–	0·9
	Clacton-on-Sea	bcc	cbcc	29	34	–	–	1·8
	Dovercourt ...	xbcv	bcc	29	35	–	–	2·9
	Lowestoft ...	bc	bc	29	36	–	–	2·6
	Skegness ...	b	bc	29	34	–	–	6·1
	Mablethorpe...	bcb	bbc	31	36	–	–	6·1
	Cleethorpes ...	bv	b	29	35	–	–	7·5
3	Leamington S.	bc	bcc	27	36	–	–	1·7
4	Cheltenham†	coss	osom$_o$	26	31	Trace	1	0·0
5	Bath	hsc	c	30	31	0·5	7	0·0
	Weymouth ...	hcc	crc	33	37	10	0·3	0·0
	Jersey ...	rc	cr	33	38	7	0·3	0·0
	Torquay ...	orm$_o$o	oz$_o$	34	40	11	1	0·0
	Penzance ...	cr$_o$rr	r	40	49	31	7	0·0
	St. Ives ...	r	r	39	48	28	7	0·0
	Bude	cp	cp	31	41	6	0·2	0·0
	Ilfracombe ...	ocbc	bcco	31	39	2	–	1·8
6	Aberystwyth	rsc	bcc	30	40	1	–	2·6
7	Llandudno ...	cr$_o$c	cbc	28	38	Trace	Trace	0·2
	Colwyn Bay...	chod	obc	26	38	–	Trace	0·2
	Rhyl	cz$_o$	cbcm$_o$	27	35	–	–	0·1
8	Wallasey ...	cbc	bcc	29	37	–	–	1·0
	Southport‖ ...	bc	bcb	28	37	–	–	3·2
	Blackpool ...	c	c	29	35	–	–	1·8
	Morecambe ...	xbcb	bbc	28	38	–	–	7·5
9	Ilkley... ...	b	b	22	34	–	–	7·6
	Harrogate ...	bx	bx	24	34	–	–	7·9
10	Berwick-on-T.	bc	bc	28	36	–	–	7·2
11	Dunbar ...	bcx	bc	28	37	–	–	7·4
12	Troon... ...	xbbbc	bbcb	27	42	–	–	7·6
	Douglas ...	cbqx	bcqx	30	37	–	–	0·8

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 12th February, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light easterly or variable wind; fine apart from early morning fog; rather cold during the day, especially in foggy areas; sharp frost inland at night.
5 S.W. England 6 South Wales ...	Wind easterly moderate; mainly cloudy; occasional rain, mainly slight; rather mild in the extreme Southwest, average temperature elsewhere.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man 13 {A. W. Scotld. B.N.W.Scotland.} 14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands 17 N. W. Ireland 18 N. E. Ireland	As 1 - 4.
19 S. E. Ireland 20 S. W. Ireland	As 5 - 6.

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

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

GENERAL INFERENCE.

A ridge of high pressure extends from East Greenland across the North Sea to Southern Germany. A shallow depression west of Ireland is filling up but a much deeper system on the Western Atlantic will move eastwards. There will occasional rain, mainly slight, in the Southwest but elsewhere it will be fine or fair apart from early morning fog. It will be less cold than of late except in foggy areas.

FURTHER OUTLOOK.

Fine or fair in the North and East; probably rain later in the extreme West.

Forecasts issued at 1015 G.M.T.

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

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

Morning of

WEDNESDAY
12TH FEBRUARY

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 12th February, 1936.

No. 27110.

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. 0-12 Force (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1014.7	+18	E'N	2	bzo	25	85	6	-	5	-	0	1	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1014.8	+14	ENE	2	bc	27	65	6	-	1	8	0	2-3	-
	Manston ...	142	1014.8	+16	-	0	bc	26	75	7	-	-	6	0	4-6	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1015.9	+16	ENE	3	b	34	85	7	-	-	-	0	0	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1012.1	+18	ENE	4	rore	35	95	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1009.4	+20	E	5	ire	44	96	4	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	1008.4	+24	SW	2	c	49	95	6	5	-	-	9+	9+	1500
	Guernsey ...	175	1010.9	+20	ESE	2	om	40	95	4	5	-	-	10	10	1500
6	Pembroke ...	142	1011.7	+16	ESE	5	c q	34	85	6	8	2	-	9	10	1500
7	Holyhead ...	26	1013.2	+26	E'N	4	czb	36	75	6	5	-	-	7-8	7-8	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1017.0	+16	ESE	3	b	34	86	8	-	-	-	0	0	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1017.3	+8	-	0	bcm	36	75	4	2	-	-	4-6	4-6	2500
11	Inchkeith ...	190	1017.8	+4	SSE	2	c	32	95	8	7	-	-	7-8	7-8	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1015.5	+20	SE'S	6	b	35	65	7	-	-	-	0	0	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1016.2	+8	ESE	4	b	39	75	8	-	-	-	0	0	-
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1018.6	+6	NW	1	bc	30	85	8	5	-	-	2-3	2-3	1500
16	Lerwick ...	156	1019.2	+8	NNW	1	c	39	86	8	5	2	-	7-8	9+	1500
17	Blacksod Point	18	1010.5	+30	E	4	c	41	96	7	5	-	-	9	9	800
18	Malin Head ...	52	1014.7	+20	NE	1	bzo	35	75	6	-	-	-	0	0	-
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1007.4	+14	S'E	3	c	49	95	8	5	-	-	7-8	7-8	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. 0-12 Force (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (80)
1018.3	+14	-	0	b zo	25	85	6	-	-	-	0	0	-	4	*
1018.2	+18	E	1	b zo	20	95	5	-	-	1	0	tr	-	4	*
1019.0	+22	NE'E	1	f	19	95	3	-	-	-	0	0	-	4	*
1017.7	+30	ENE	3	b	27	75	6	-	-	-	0	0	-	4	*
1017.2	+28	NEN	3	bzo	30	85	6	-	-	-	0	0	-	4	2
1018.4	+20	ENE	3	b zo	27	85	6	-	-	-	0	0	-	4	1
1018.4	+20	E'N	3	b	28	75	7	-	-	-	0	0	-	4	*
1018.3	+22	E'N	2	b	29	85	6	-	-	-	0	0	-	4	*
1019.7	+20	E'S	2	bc	34	85	7	3	-	-	2-3	2-3	4000	4	2
1019.1	+10	NE'E	1	bcm	20	95	4	-	3	-	0	2-3	-	4	*
1020.1	+20	NNE	1	b zo	21	85	6	-	4	-	0	tr	-	4	*
1019.5	+14	ENE	2	bf	25	95	3	-	-	-	0	0	-	4	*
1018.9	+20	NE	2	b zo	22	95	6	-	-	-	0	0	-	4	*
1018.7	+20	NE	1	b zo	23	85	6	-	7	-	0	1	-	8	*
1013.4	+12	E	4	c	35	95	7	4	-	-	7-8	7-8	2500	1	4
1014.4	+20	NE	3	ido	37	95	5	5	-	-	10	10	450	1	3
1012.1	+20	E'S	5	ire	44	95	6	5	-	-	10	10	1500	1	4
1011.5	+18	ESE	4	id	48	95	5	5	-	-	10	10	1500	1	3
1014.1	+18	ESE	2	o	40	95	6	5	-	-	10	10	2500	1	3
1014.5	+10	ESE	5	o zo	36	85	6	5	-	-	10	10	1500	1	3
1016.2	+12	ENE	4	b	33	75	7	-	-	1	0	tr	-	1	3
1018.8	+18	SSE	2	bf	19	95	3	-	-	-	0	0	-	4	*
1019.3	+22	ENE	1	bf	22	85	3	-	-	-	0	0	-	4	*
1019.8	+14	SE	2	c	34	95	8	5	7	-	7-8	9+	2500	0	1
1020.2	-12	-	0	c	26	95	7	5	-	-	9+	9+	2500	4	*
1020.6	+4	SW	1	cm	32	95	4	5	1	-	7-8	9	1500	4	1
1019.6	+ 4	SE	2	c	32	85	8	7	-	-	7-8	7-8	2500	5	1
1020.6	+ 8	NW	1	c	31	85	6	5	-	-	9+	9+	4000	4	*
1020.3	+16	-	0	bm	21	95	4	-	-	-	0	0	-	4	*
1020.8	+10	N	2	b	22	95	7	-	3	-	0	1	-	4	*
1018.6	+18	SSE	4	b	34	75	7	-	-	-	0	0	-	4	3
1017.8	+10	SE	3	b	33	85	9	-	-	5	0	tr	-	4	-
1018.3	+8	SE	2	b	37	75	8	-	-	-	0	0	-	1	1
1020.9	+12	S	2	b	19	95	8	-	-	-	0	0	-	5	*
1020.2	+6	-	0	o	31	85	7	5	-	-	10	10	2500	4	1
1020.1	+8	WNW	1	c	32	95	8	5	2	-	9+	10	1500	0	1
1019.7	+4 +3	NW	2	c	38	85	8	5	2	-	7-8	10	1500	1	*
1013.2	+10	E	4	bc	42	85	8	-	7	-	0	4-6	-	0	4
1017.7	+6	SSE	1	bczo	32	95	6	5	-	-	2-3	2-3	2500	4	1
1017.6	+2	E'N	3	b	32	75	7	5	-	-	tr	tr	1500	4	*
1014.1	+8	SSE	1	c	39	95	8	5	-	-	9+	9+	2500	1	*
1011.4	+6	ESE	3	rore	46	95	7	9	2	-	7-8	10	1500	1	3
1013.4	+18	ESE	3	dd	42	95	6	5	-	-	10	10	450	1	5

PAST 24 HOURS.

Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 11h Hrs. (36)
31	25	11	-	tr	0.0
32	19	13	-	-	0.5
31	18	13	0.4	tr	0.0
30	26	24	4	-	0.0
36	29	21	8	-	0.0
32	22	16	-	-	0.0
33	29	11	-	-	0.9
38	23	14	-	-	0.5
35	33	29	-	-	3.2
36	19	13	-	-	2.6
37	19	15	-	-	4.5
32	24	17	-	-	1.3
30	21	16	Tr	-	*
30	22	14	5	-	0.0
35	33	*	2	1	*
39	36	36	1	1	0.0
49	43	*	7	4	*
53	47	*	14	0.5	2.0
40	39	38	0.2	0.2	0.0
37	34	*	1	0.3	0.0
40	33	29	1	-	0.0
37	19	16	-	-	0.8
40	21	13	-	-	3.1
35	33	*	-	-	7.1
36	20	13	-	-	7.4
36	30	26	-	-	5.0
40	31	22	-	-	8.2
38	31	26	-	-	7.7
38	20	14	-	-	7.0
37	20	16	-	-	8.0
39	33	*	-	-	3.3
43	32	27	-	-	8.2
43	33	*	-	-	7.8
36	11	7	-	-	7.0
38	31	23	-	-	4.6
36	26	*	-	-	*
41	37	*	Tr	0.1	0.1
43	32	*	Tr	tr	*
39	29	*	-	-	4.4
37	30	22	Tr	-	1.2
40	38	35	-	-	0.0
51	46	43	7	0.5	0.0
48	41	*	6	1	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	czoy	czy	bzox	31	25	11	-	tr	0.0	•	•	2
Croydon	217	exzo	czoz	bmox	32	19	13	-	-	0.5	•	•	4
Greenwich (Royal Observatory) ...	149	cy	cmo	cbxF	31	19	8	-	tr		61	89	2
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	0.0	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	32	26	22	-	-	0.2	*	*	•
Regents Pk. (Botanic Gardens)‡ ...	168	•	•	•	32	23	15	-	-	0.0	*	*	•
Camden Square	110	c	c	•	32	22	11	-	-	•	•	94	•
Kensington	80	bcx	bcco	•	32	24	16	-	-	0.2	At 18h. *		•
Hampstead Observatory	450	om	ombc	bxm	35	24	12	-	-	0.0	•	83	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
1.3	18-19h 11th	0.3	4-5h 12th

Kew Observatory.

Max.	Time.	Min.	Time.
0.5	23h 11th	0.1	12h 11th

FOREIGN OBSERVATIONS.

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

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

Stations.	18h. Barom. mb.	18h. Wind. Direc.	18h. Wind. Force.	18h. Weather.	18h. Temp. °F.	7h. Barom. mb.	7h. Wind. Direc.	7h. Wind. Force.	7h. Weather.	7h. Temp. °F.
Paris	1011.5	ESE	2	r	30	1016.9	NNW	1	c	30
Brussels	1012.7	ENE	1	c	28	1017.9	NE	3	D	18
Berlin	1014.2	W	4	SoSo	25	1011.9	W	2	c/s	25
Zürich	1015.0	ENE	1	czo	21	1015.6	WNW	1	ino	27
Rome	1015.4	N	2	o	36	1014.1	NE	2	zo	37

Fast 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
30	30	tr	0.1
32	18	-	-
25	23	tr	0.4
23	21	-	2
*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Thursday 13th February 1936.
No. 27111.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	%Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1020·8	+10	E'N	3	bf	38	45	3	-	-	-	0	0	-
	Croydon ...	1020·7	+ 6	ENE	3	bz_o	41	45	5	-	-	1	0	Tr	-
	S. Farnborough	1020·4	- 2	NE'E	2	bf	40	55	3	-	-	-	0	0	-
	Boscombe Down	1020·2	+ 8	ENE	2	bz_o	36	66	6	-	-	-	0	0	-
	Calshot (Sthmtn.)	1020·0	+12	NE	3	bcz_o	38	75	6	-	-	6	0	4-6	-
	Lympne ...	1021·7	+12	ENE	3	bz_o	37	55	6	-	-	-	0	0	-
	Manston ...	1021·5	+10	ENE	3	b	37	48	7	-	-	-	0	0	-
2	Shoeburyness ...	1021·8	+12	E	2	b	38	55	8	-	-	-	0	0	-
	Felixstowe ...														
	Gorleston ...	1022·7	+ 6	S'E	1	bc	39	55	6	5	-	-	2-3	2-3	4000
	Mildenhall ...	1021·7	+ 4	NE'E	1	bz_o	39	56	6	-	-	-	0	0	-
	Cranwell ...	1022·3	+ 6	ESE	1	b	40	55	7	5	-	-	1	1	4000
3	Birmingham ...	1021·4	+12	ESE	2	bf	36	65	3	-	-	-	0	0	-
	Upper Heyford	1021·6	+10	ENE	3	bz_o	38	65	6	-	-	-	0	0	-
4	Ross-on-Wye	1019·3	+ 6	E'N	1	bz_o	35	65	5	-	-	-	0	0	-
5	Portland Bill ...	1018·6	+10	E	4	c	41	85	7	4	-	-	7-8	7-8	2500
	Plymouth ...	1017·8	+14	ENE	3	oz_o	39	85	5	5	-	-	10	10	450
	The Lizard ...	1015·9	+16	E'S	5	o	44	95	5	5	-	-	10	10	1500
	Scilly (St.Mary's)	1014·6	+10	E'S	5	o	47	95	6	5	-	-	10	10	800
	Guernsey ...	1016·9	+ 6	ESE	2	c	41	95	7	5	-	-	10	10	2500
6	Pembroke ...	1017·2	+16	SE'E	5	cz_o	38	75	6	5	-	-	9+	9+	1500
7	Holyhead ...	1018·9	+10	-	0	bz_o	44	65	6	-	-	-	0	0	-
	Chester(Sealand)	1021·1	+ 8	SSE	3	bm	38	65	4	-	-	-	0	0	-
8	Manchester ...	1021·8	+ 6	SSE	2	bz_o	41	55	6	-	-	-	0	0	-
10	Spurn Head ...	1022·2	+ 6	NW	1	c	37	85	8	4	6	-	4-6	7-8	2500
	Catterick ...	1021·9	- 2	SSE	1	b	38	65	8	-	-	-	0	0	-
	Tynemouth ...	1020·9	+ 4	S	2	bcm	36	75	4	5	-	-	4-6	4-6	1500
11	Inchkeith ...	1021·9	+ 6	SE	1	bc	38	75	8	5	-	-	2-3	2-3	2500
	Leuchars ...	1021·8	- 2	NW	1	c	35	65	6	5	-	-	9+	9+	2500
12	Renfrew (Abbots I.)	1021·7	+ 2	-	0	bf	26	95	2	-	-	-	0	0	-
	Eskdalemuir ...	1021·4	- 2	SE	1	b	35	75	6	-	-	-	0	0	-
	Point of Ayre...	1020·9	+ 6	SSE	5	b	39	65	7	-	-	-	0	0	-
13A	Tiree	1020·1	+ 6	SE	3	b	40	75	8	-	-	-	0	0	-
13B	Stornoway ...	1020·3	+ 8	-	0	b	44	65	8	-	-	-	0	0	-
15	Dalwhinnie ...	1022·3	+ 8	S	3	b	26	85	8	-	-	-	0	0	-
	Aberdeen ...	1021·6	+ 2	SW'W	2	c	36	75	7	5	-	-	9+	9+	2500
	Wick ...	1021·1	+ 6	W	1	c	39	85	8	5	2	-	9+	10	1500
16	Lerwick ...	1020·2	+ 6	NNW	3	bc	39	85	8	5	7	-	7-8	9+	1500
17	Blacksod Point	1015·9	+ 4	ESE	3	bc	42	85	8	2	-	-	4-6	4-6	1500
18	Malin Head ...	1015·5	+ 4	SE	3	bz_o	41	75	6	-	-	-	0	0	-
	Aldergrove ...	1020·3	+10	E'S	3	bz_o	41	65	6	-	-	-	0	0	-
19	Birr Castle ...	1017·0	+12	SE	1	c	43	85	7	5	-	-	7-8	7-8	2500
20	Valentia Obsy. †	1013·8	+ 6	NE'E	4	c	48	75	8	5	-	-	9+	9+	1500
	Roches Point	1015·1	+12	ESE	4	dd	45	95	5	5	-	-	10	10	450

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1021·6	+10	ESE	2	bcz_o	33	65	5	-	-	4	0	2-3	-	4	*
1021·5	+10	E'N	2	bcz_o	30	75	5	-	-	4	0	2-3	-	4	*
1021·2	+ 6	E'N	2	bcz_o	33	65	5	-	-	4	0	2-3	-	0	*
1020·3	0	NE'E	1	bcm_o	35	65	4	-	-	8	0	4-6	-	5	*
1020·2	+2	N'E	1	bcz_o	36	75	6	-	-	1	0	2-3	-	1	1
1022·0	+10	E NE	3	bc	29	85	7	-	-	1	0	2-3	-	0	§2
1021·7	+2	E'N	2	bc	31	85	7	-	7	4	0	4-6	-	4	*
1022·3	+ 6	E	2	bc	35	75	8	-	4	6	0	2-3	-	0	*
1022·5	+ 4	SE'E	1	bc	35	75	6	-	4	-	0	2-3	-	0	2
1022·4	+ 6	-	0	bz_o	33	75	6	-	3	-	0	1	-	4	*
1022·7	+ 4	E'S	1	bz_o	30	85	6	-	4	-	0	1	-	4	*
1021·4	+6	ESE	3	bcf	35	55	3	-	-	6	0	4-6	-	4	*
1021·8	+8	ENE	3	bcz_o	32	75	5	-	4	8	0	4-6	-	4	*
1020·8	+6	WSW	1	bcm	31	75	4	-	-	1	0	2-3	-	8	*
1018·8	+8	E	4	bc	41	75	7	4	-	-	4-6	4-6	2500	1	4
1017·0	0	E	4	bcz_o	41	85	6	5	4	-	2-3	2-3	4000	1	2
1016·5	+10	E	5	0	43	95	6	5	-	-	10	10	2500	1	4
1015·4	+6	E'S	4	o/d	47	85	6	5	-	-	10	10	1500	1	3
1016·6	-6	ESE	2	o	39	95	6	5	-	-	10	10	2500	1	3
1017·0	-2	SE'E	4	bcz_o	40	75	6	5	7	-	4-6	9+	1500	1	3
1019·2	+6	-	0	bcz_o	40	75	6	-	5	6	0	4-6	-	1	0
1020·8	+6	SSE	2	bm	30	85	4	-	7	-	0	1	-	4	*
1021·6	+8	SE'S	2	bf	32	75	2	-	-	-	0	0	-	0	*
1022·5	+2	N'E	1	bc	34	85	8	-	1	-	0	2-3	-	0	1
1022·3	+6	-	0	bz_o	28	95	6	-	-	1	0	Tr	-	4	*
1021·2	0	S	1	bcm	35	75	4	5	-	-	2-3	2-3	1500	4	1
1021·2	-2	NE	1	bc	35	85	8	5	-	-	4-6	4-6	2500	4	1
1022·0	-2	-	0	bz_o	30	85	6	-	-	-	0	0	-	4	*
1021·2	-2	-	0	bf	23	95	2	-	-	-	0	0	-	4	*
1022·0	+2	NNW	1	b	24	85	6	-	-	-	0	0	-	4	*
1020·3	+4	SE'E	4	bc	37	75	7	-	1	-	0	2-3	-	4	3
1020·4	+4	E'S	2	b	33	85	8	-	-	8	0	Tr	-	4	2
1020·4	+2	-	0	b	37	85	8	-	-	-	0	0	-	1	0
1022·6	+4	S	1	b	20	85	8	-	-	-	0	0	-	4	*
1021·4	+2	-	0	bm	33	75	4	-	-	-	0	0	-	4	1
1021·0	+2	SW	1	c	36	85	8	5	2		9	10	1500	0	1
1019·9	+2	NW	3	cl_o	38	95	6	8	2		7-8	10	800	1	*
1016·6	0	ESE	3	c	43	85	7	-	7	-	0	9	-	0	3
1019·3	+8	SE	1	bcz_o	39	85	6	5	-	-	2-3	2-3	2500	4	1
1019·9	+6	ENE	3	bcz_o	34	85	6	5	-	-	2-3	2-3	2500	1	*
1017·1	+2	SE	1	ir_o	41	95	7	5	-	-	9+	9+	2500	1	*
1014·7	+6	E'S	3	c	48	85	8	5	-	-	9+	9+	1500	1	2
1016·0	+8	ESE	4	dd	46	95	5	5	-	-	10	10	450	1	4

PAST 24 HOURS.

Weather. 7h.—13h. 12th (37)	13h.—18h. 12th (38)	18h. 12th to 1h. 13th (39)	1h.—7h. 13th (40)
bfxy	bzy	$bcbz_o$	bfx
$bmfxm_o$	bz_oym	$bcbm_ox$	$bmxm_mx$
xbf,m_f	$bfzyb_f$	bm_obm	$bfbf$
$bbcz_o$	bcz	bcm_o	bcm_o
$bxbb_{um}$	$bcbm_o$	bm_obwx	bx
bz_oy	bz_oyb	bm_ox	bm_ox
bxb_fy	bc_oyb	$bcbx$	$bbcx$
bz_oxy	bybc	$bcxm_o$	cxm
bc	bc	bxz_o	bcz_om
$bmbm_ox$	$bbcm_o$	bcm_ox	$bcmcm_ox$
xbm_o	$bybm_o$	$bbcm_ox$	$bccm_ox$
bbf	bbcf	bcfbm	bmfx
bm_ox	bm_obc	$bcbxm_o$	$bbcxm_o$
bm_oz	bzbcz	bmbf	bfxF
c	cbc	bcbc	bcbc
$ocidgm_o$	$ocbcbm_o$	bm_o	$bbccm_o$
irrrm	om	oco	$oprm_o$
$odom_o$	$ocid_o$	c	or_orr
oco	o	oc	c
bqm_oc	cqm_o	bcm_o	cqm_oc
pz_o	$bbcz_o$	$bcbz_om$	$bxmcm_o$
bfm	bzy	bmx	cmx
$bffxz_oy$	bz_oyff	$bffx$	$bffx$
c	cbc	bcbx	xbbc
cxm_obcb	$bybm_o$	bm_obx	$cxbmx$
$cbcffm$	bcm	bcffm	bcm
cz_obc	bc	bcz_oz	ozz
cm_oc	cm_obm_o	bm_obxm	bxm_o
$bwffx$	bffx	bffx	bffffx
bxbz$_o$	bz_o	bx	bx
b	bbc	bcbbz	bz
b	b	b	bx
b	b	bm_o	bcc
b	b	b	b
ccz_oc	cbz	bfbz	$bzcm_o$
c	c	c	c
c	cid_o	cid_o	bcc
bc	cbc	bcc	cc
bz_oz_o	bbc,z_oz_o	bcz_oz_o	$bccz_oz_o$
$bxbm_o$	$bbcm_o$	bcbbcx	bcffx
c	cir_o	circ	co
circ	circ	cir_obcc	c
drdrdd	drdrdd	ddd	$dd\cdot drd_2$

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{20}$ 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 A-St (thin).
2 Typical A-St (thick; sun or moon invisible), or Nimbo-stratus (Nb-St).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu in several layers generally associated with fibrous veils and a chaotic appearance of the sky.

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

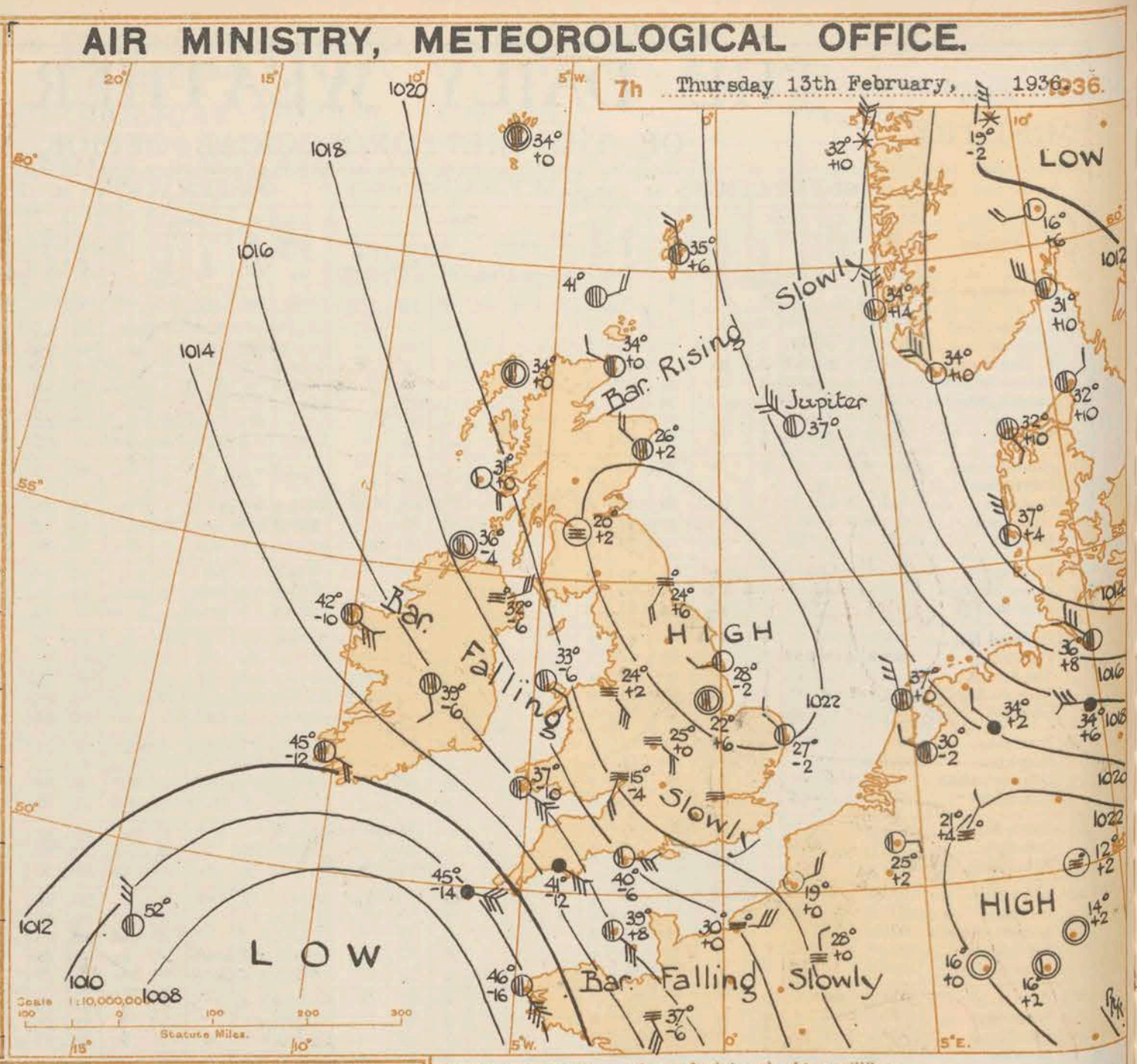
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 12th February 1936.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 11th to 9h. 12th	Temperature. Max. 9h.—17h. 12th	Rainfall. Night. 17h. 11th to 9h. 12th	Rainfall. Day. 9h.—17h. 12th	Sunshine. Sunrise to Sunset. 12th.
1	Tunbridge W.	b	b	21	41	—	—	8·2
	Bournemouth	b	bbm	28	41	-	-	6·0
	Ventnor ...	xbz	bz	31	42	-	-	8·3
	Southsea ...	bb	bf	28	40	-	-	7·4
	Bognor Regis	bcbb	bbc	27	40	2	-	5·8
	Littlehampton	b	b	25	41	-	-	7·6
	Worthing ...	b	b	27	43	3	-	8·1
	Brighton ...	b	b	28	42	-	-	8·2
	Eastbourne†	b	b	26	29	0·1	-	8·4
	Hastings† ...	b	bbc	26	39	-	-	8·2
	Folkestone ...	bxzb	b	26	37	-	-	8·5
	Dover... ...	b	b	29	40	-	-	8·3
	Deal	b	b	26	37	-	-	7·7
	Ramsgate ...	b	b	28	38	-	-	8·2
	Margate ...	b	bbc	26	38	-	-	8·2
2	Southend ...	b	b	25	40	Trace	-	7·9
	Maldon ...	xmb	b	20	37	-	-	6·8
	Clacton-on-Sea	b	bbcv	27	38	-	-	8·5
	Dovercourt ...	xbv	bcv	28	40	-	-	8·1
	Lowestoft ...	b	b	30	40	-	-	7·3
	Skegness ...	bc	b	31	37	-	-	7·8
	Mablethorpe	xbcmbc	bcb	25	38	-	-	5·5
	Cleethorpes ...	cf	cbc	25	37	-	-	2·3
3	Leamington S.	b	bbc	21	41	-	-	6·4
4	Cheltenham†	mb	bbccm	21	39	-	-	5·8
5	Bath	b	bbc	25	39	-	-	7·6
	Weymouth ...	mb	b	31	42	1	-	7·3
	Jersey ...	c	c	36	42	0·2	-	0·0
	Torquay ...	om	cbz	36	44	Trace	-	1·7
	Penzance ...	odd	c	44	46	4	0·4	0·0
	St. Ives ...	o	o	42	45	7	-	0·0
	Bude	c	cbc	34	43	1	-	0·0
	Ilfracombe ...	coz	czbc	34	44	-	-	0·3
6	Aberystwyth	cbc	bbc	30	46	-	-	7·6
7	Llandudno ...	b	bz	29	45	-	-	7·5
	Colwyn Bay...	xb	bbcbc	23	44	-	-	7·6
	Rhyl	xb	bm	26	44	-	-	7·9
8	Wallasey ...	mb	bf	26	39	-	-	5·0
	Southport‖ ...	b	b	23	40	-	-	7·2
	Blackpool ...	cbc	ccm	30	39	-	-	6·1
	Morecambe ...	bcb	bm	25	38	-	-	7·4
9	Ilkley... ...	bc	bc	16	36	-	-	4·4
	Harrogate ...	b	b	22	39	-	-	5·3
10	Berwick-on-T.	oc	bc	25	38	-	-	3·7
11	Dunbar ...	bcx	bc	28	40	-	-	4·5
12	Troon... ...	xb	b	23	45	-	-	7·4
	Douglas ...	bbc	bczx	31	39	-	-	5·5

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



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 13th Feb, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Wind easterly, moderate, fresh locally; fair, but more cloud tomorrow; rather cold. frost inland at night.
4 W. Midlands ...	Wind easterly, moderate to fresh; mainly cloudy; local snow or sleet tonight; cold.
5 S.W. England 6 South Wales ...	Wind easterly, strong; cloudy with rain; drifting snow on the higher hills; becoming milder.
7 North Wales ... 8 N.W. England 9 N. Midlands	Wind southeast to east, moderate, increasing; fair today; local snow tomorrow; rather heavy on the hills; cold.
10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man 13 A. W. Scotland. B.N.W. Scotland. 14 Mid Scotland	Wind southeast or variable, light; fine; fog inland in early morning; rather cold, sharp frost at night.
15 N. E. Scotland 16 Orkneys and Shetlands	Wind northerly or variable, light; fair; rather cold.
17 N. W. Ireland 18 N. E. Ireland	Wind easterly, moderate, increasing; fair today, local snow tomorrow; rather cold.
19 S. E. Ireland 20 S. W. Ireland	Wind easterly, becoming fresh or strong; cloudy with rain; average temperature, becoming milder.

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

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

GENERAL INFERENCE.

A ridge of high pressure extends from East Greenland across the North Sea to South Germany, while shallow depressions over Spain and the Western part of the Biscay will move north or northwest. There will be rain in the extreme Southwest and sleet or snow in other Western districts, but it will continue fair and cold in the North and East.

FURTHER OUTLOOK.

Becoming milder in Western districts; probably fair and cold in the North and East.

Forecasts issued at 1030 G.M.T.

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

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

Morning of

THURSDAY
13TH FEBRUARY.

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 13th February, 1936.

No. 27111

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1021·7	-4	–	0	m	25	95	4	–	–	–	0	0	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1022·1	-4	E'N	3	b	29	85	6	–	–	1	0	1	–
	Manston ...	142	1022·4	+4	E	1	bc	31	75	7	–	–	1	0	2-3	–
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1023·0	+6	W	1	b	31	95	6	–	–	–	0	0	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1018·3	-6	E	4	bc	39	95	7	4	–	–	2-3	2-3	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1015·1	-4	E'S	6	0	42	95	7	5	–	–	10	10	1500
	Scilly (St.Mary's)	163	1014·4	-8	E	5	c	44	95	6	5	–	–	10	10	1500
	Guernsey ..	175	1017·5	-4	SE	3	c	39	85	6	5	–	–	9+	9+	4000
6	Pembroke ...	142	1017·3	-4	E'S	4	Z_o	36	75	6	5	–	–	4-6	4-6	1500
7	Holyhead ...	26	1019·5	+2	–	0	bc	33	85	5	–	–	5	0	2-3	–
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1022·3	0	W'S	1	b	30	95	8	–	–	–	0	0	–
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1021·5	0	SW	1	m	28	85	4	5	–	–	2-3	2-3	1500
11	Inchkeith ...	190	1020·8	-12	SW	2	m	30	95	4	5	–	–	2-3	2-3	800
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1020·8	0	SSE	4	Z_o	36	85	5	–	–	–	0	0	–
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1021·1	+2	NW	1	b	30	95	6	–	–	–	0	0	–
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1021·5	0	NW	1	c	34	95	7	5	2	–	9	10	1500
16	Lerwick ...	156	1020·0	0	NW	3	c	36	95	8	8	7	–	4-6	7-8	1500
17	Blacksod Point	18	1017·1	0	ESE	3	c	42	85	7	–	7	–	0	7-8	–
18	Malin Head ...	52	1019·4	-2	–	0	Z_o	35	95	6	5	–	–	2-3	2-3	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1014·3	2	ESE	2	c	45	95	8	8	–	–	9	9	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 * (30)
1	London (Kew)	1020·8	0	NE	1	f-	25	95	3	–	–	–	0	0	–	4	*
	Croydon ...	1021·1	0	ENE	2	bcf	20	95	3	–	5	5	0	2-3	–	4	*
	S. Farnborough	1020·8	0	E	1	f	22	95	2	–	–	–	10	10	<150	4	*
	Boscombe Down	1019·7	-4	E	4	Z_o	26	95	4	–	7	1A	0	4-6	–	4	*
	Calshot (Sthmtn.)	1019·3	-2	NE'E	3	Z_o	31	95	6	8	4	2	2-3	4-6	4000	4	2
	Lympne ...	1021·1	-6	E'N	3	Z_o	30	85	6	–	7	1	0	1	–	4	S1
	Manston ...	1021·5	0	E'S	2	bc	33	85	7	4	–	2	Tr	2-3	1500	4	*
2	Shoeburyness ...	1021·5	-2	–	0	m	23	96	4	–	7	–	0	7-8	–	4	*
	Felixstowe ...																
	Gorleston ...																
	Mildenhall ...	1022·1	-2	NW	1	bc	27	95	6	2	–	1	2-3	4-6	2500	4	2
	Cranwell ...	1022·1	0	ESE	1	Z_o	22	95	5	5	7	6	4-6	9+	2500	4	*
		1022·3	+6	–	0	Z_o	22	85	6	5	1	–	7-8	9+	4000	4	*
3	Birmingham ...	1021·6	0	ESE	2	bf	25	95	3	–	–	–	0	0	–	4	*
	Upper Heyford	1021·3	0	NE	3	Z_o	23	95	5	–	4	8	0	4-6	–	4	*
4	Ross-on-Wye	1020·5	-4	SSW	2	cF	15	95	1	5	–	–	7-8	7-8	220	8	*
5	Portland Bill ...	1017·4	-6	E	4	bc	40	95	7	4	–	–	4-6	4-6	2500	1	4
	Plymouth ...	1014·3	-12	E'S	4	ir$_o$	41	85	6	5	3	–	4-6	9	2500	1	2
	The Lizard ...	1011·7	-6	E	6	o	43	95	6	5	–	–	10	10	1500	1	4
	Scilly (St.Mary's)	1009·8	-14	E	6	rr	45	95	5	6	–	–	10	10	800	1	4
	Guernsey ..	1016·2	+8	ESE	3	c	39	85	6	8	1	–	7-8	10	2500	1	3
6	Pembroke ...	1014·8	-10	E'S	5	q	37	65	6	5	2	–	4-6	10	1500	1	3
7	Holyhead ...	1018·5	-6	SE'E	1	c	33	85	6	–	–	7	0	10	–	5	1
	Chester(Sealand)	1020·8	+2	SE'S	3	cf	24	95	2	–	–	7	0	10	–	4	*
8	Manchester ...	1021·6	+2	ESE	1	f	23	95	2	–	–	–	10	10	<150	4	*
10	Spurn Head ...	1021·9	-2	W'S	1	bc	28	95	7	–	1	–	0	2-3	–	5	1
	Catterick ...	1022·1	+2	–	0	m	17	95	4	–	–	8	0	2-3	–	4	*
	Tynemouth ...	1022·5	+6	SW	2	m	24	95	4	5	–	–	4-6	4-6	1500	4	1
11	Inchkeith ...	1021·8	+4	NE	1	m	30	95	4	5	–	–	10	10	450	5	1
	Leuchars ...	1022·2	+2	NW	1	Z_o	21	85	5	–	–	–	0	0	–	4	*
12	Renfrew (Abbotsl.)	1022·0	+2	–	0	F	20	95	1	–	–	–	10	10	<150	4	*
	Eskdalemuir ...	1022·5	+4	WNW	2	bc	17	85	6	–	–	1	0	2-3	–	4	*
	Point of Ayre...	1020·4	0	SE'S	4	Z_o	35	75	6	–	–	–	0	0	–	4	3
13A	Tiree	1019·3	0	ESE	2	b	31	95	8	–	–	5	0	Tr	–	4	1
13B	Stornoway ...	1020·8	0	–	0	c	34	95	7	5	7	–	7-8	9	1500	1	0
15	Dalwhinnie ...	1022·7	-2	–	0	b	8	75	8	4	–	–	Tr	Tr	5700	5	*
	Aberdeen ...	1022·0	+2	NW'N	2	Z_o	26	95	6	5	–	–	10	10	2500	4	1
	Wick ...	1020·9	0	WNW	1	c	34	95	8	5	2	–	7-8	10	1500	0	1
16	Lerwick ...	1021·0	+6	N	2	c	35	95	7	8	7	–	4-6	7-8	1500	1	*
17	Blacksod Point	1015·5	-10	ESE	4	c	42	85	7	–	4	–	0	10	–	0	3
18	Malin Head ...	1018·8	-4	–	0	Z_o	36	95	6	5	–	–	7-8	7-8	1500	4	0
	Aldergrove ...	1018·3	-6	ENE	3	bcf	32	95	3	5	–	–	2-3	2-3	1500	4	*
19	Birr Castle ...	1015·2															
20	Valentia Obsy. †	1016·0	-6	SSE	1	o	39	75	7	5	–	–	10	10	2500	1	*
	Roches Point	1012·6	-12	E'S	2	c	45	85	7	5	7	–	4-6	10	1500	1	3
		1012·9	-18	ESE	4	dr	41	95	5	5	–	–	10	10	800	1	4

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine Hrs. (36)
1	London (Kew)	39	25	11	–	Tr	3·6
	Croydon ...	41	20	13	–	–	7·2
	S. Farnborough	41	21	13	–	Tr	7·3
	Boscombe Down	38	25	22	–	–	6·5
	Calshot (Sthmtn.)	39	31	27	–	–	8·5
	Lympne ...	38	24	18	–	–	8·6
	Manston ...	38	26	15	–	–	8·3
2	Shoeburyness ...	39	22	14	–	–	7·7
	Felixstowe ...						
	Gorleston ...						
	Mildenhall ...	39	25	24	–	–	7·8
	Cranwell ...	40	20	16	–	–	6·0
		42	20	15	–	–	6·7
3	Birmingham ...	39	24	15	–	–	6·7
	Upper Heyford	40	22	13	–	–	*
4	Ross-on-Wye	39	14	11	–	–	7·3
5	Portland Bill ...	41	38	*	–	–	*
	Plymouth ...	42	38	35	Tr	Tr	0·0
	The Lizard ...	45	41	*	3	1	*
	Scilly (St.Mary's)	48	43	*	0·3	8	0·0
	Guernsey ..	41	38	34	–	–	0·0
6	Pembroke ...	41	36	*	–	–	0·2
7	Holyhead ...	45	32	24	–	–	7·9
	Chester(Sealand)	39	24	[illegible]	–	–	5·9
8	Manchester ...	42	21	12	–	–	5·7
10	Spurn Head ...	39	28	*	–	–	2·7
	Catterick ...	39	16	9	–	–	5·7
	Tynemouth ...	37	24	20	–	–	0·0
11	Inchkeith ...	41	28	18	–	–	5·5
	Leuchars ...	39	20	15	–	–	3·1
12	Renfrew (Abbotsl.)	29	16	11	–	–	0·0
	Eskdalemuir ...	37	12	6	–	–	8·4
	Point of Ayre...	40	34	*	–	–	7·7
13A	Tiree	41	27	18	–	–	7·6
13B	Stornoway ...	45	29	*	–	–	8·4
15	Dalwhinnie ...	30	7	2	–	–	6·1
	Aberdeen ...	37	24	18	–	–	1·2
	Wick ...	39	33	*	–	–	*
16	Lerwick ...	39	33	*	Tr	Tr	0·4
17	Blacksod Point	44	39	*	–	–	*
18	Malin Head ...	43	32	*	–	–	6·8
	Aldergrove ...	42	27	23	–	–	5·9
19	Birr Castle ...						
20	Valentia Obsy. †	44	37	32	Tr	0·3	0·4
	Roches Point	48	45	40	0·5	Tr	0·0
		46	41	*	5	3	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T % (Yesterday.)	Humidity. 9h. G.M.T % (To-day.)	Visibility 9h.
Kew	18	bfxy	bzy	bcbz$_o$	39	25	11	–	Tr	3·6	*	*	1
Croydon	217	bmfxm$_o$	bz$_o$ym$_o$	bcbm$_o$x	41	20	13	–	–	7·2	*	*	2
Greenwich (Royal Observatory)...	149	bm	bm$_o$	bmxf	39	24	12	–	Tr	6·9	57	95	1
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	2·7	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	41	29	24	–	–	3·5	45	93	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	40	25	17	–	–	1·7	51	92	*
Camden Square	110	xb	b	*	41	24	13	–	–	*	*	97	*
Kensington	80	bz	bz		40	25	15	–	–	4·0	At 18h. 63	93	*
Hampstead Observatory	450	bm	bcm	bmx	39	25	13	–	–	6·0	*	82	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 13th

South Kensington.

Max.	Time.	Min.	Time.
3·2	9-11h 12th	0·6	3-4h 13th

Kew Observatory.

Max.	Time.	Min.	Time.
Defective Record.			

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 12th February. Barom. mb.	Wind. Direc.	Wind. Force	Weather.	Temp. °F.	7h. G.M.T. 13th February. Barom. mb.	Wind. Direc.	Wind. Force	Weather.	Temp. °F.
Paris	1019·5	NE	2	Z_o	36	1020·5	N	1	f	28
Brussels	1021·5	NE'E	1	b	32	1021·9	E	1	bc	25
Berlin	1014·3	W	3	o	34	1013·1	WNW	3	c/r	34
Zürich	1021·4	SE	1	Z_o	32	1021·8	SW	1	m	32
Rome	1015·7	NNE	4	o	46	1019·7	–	0	bc	36

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
43	23	Tr	Tr
37	23	–	–
36	34	–	0·4
37	32	0·3	–
*	*	–	–

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 —Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 14th February, 1936.

No. 27112.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	%Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1019·7	-14	E	5	cm	39	55	4	5	7	2	10	7-8	-
	Croydon ...	1019·5	-14	E'S	3	bc 3_o	42	45	5	-	3	5	0	4·6	-
	S. Farnborough	1019·4	-14	E'N	2	f ^{o}	40	65	3	-	-	2	0	4·6	-
	Boscombe Down	1018·6	-10	E	4	c_3^o	40	75	5	-	7	-	0	10	-
	Calshot (Sthmtn.)	1018·5	-6	ENE	4	c_3^o	40	65	6	5	7	-	2·3	10	4000
	Lympne ...	1020·9	-2	E	3	bc 3_o^o	40	45	6	-	-	1	0	2·3	-
	Manston ...	1021·3	-2	E	3	bc ^{o}	40	65	7	-	-	2	0	4·6	-
2	Shoeburyness ...	1021·8	+2	E'S	3	c	40	75	6	-	7	-	0	7·8	-
	Felixstowe ...														
	Gorleston ...	1022·5	+2	NNE	2	c	36	85	7	4	-	-	7·8	7·8	4000
	Mildenhall ...	1021·8	-4	E'S	3	c	39	75	6	5	-	-	7·8	7·8	4000
	Cranwell ...	1022·2	-2	ESE	2	c_3^o	33	85	6	5	-	-	10	10	1500
3	Birmingham ...	1020·1	-8	ESE	3	bf	34	85	3	-	-	-	0	0	-
	Upper Heyford	1020·2	-14	NE'E	3	c_3^o	36	85	5	5	-	8	4·6	7·8	1500
4	Ross-on-Wye	1019·0	-8	E'N	2	cm	33	75	4	-	3	-	0	9+	-
5	Portland Bill ...	1015·6	-10	E	5	c	43	95	7	4	4	-	4·6	7·8	2500
	Plymouth ...	1013·6	-6	E	5	c_3^o	46	75	6	5	7	-	4·6	10	5700
	The Lizard ...	1011·1	-4	E	6	ir^o	45	95	6	5	-	-	10	10	1500
	Scilly (St. Mary's)	1008·5	-6	SE'E	6	c/r	47	95	6	9	7	-	4·6	10	1500
	Guernsey ...	1014·9	-8	SE'E	3	c_3^o	46	75	5	5	7	1	2·3	7·8	5700
6	Pembroke ...	1013·6	-16	ESE	6	ir	38	75	6	6	-	-	10	10	1500
7	Holyhead ...	1016·4	-14	ENE	4	c	42	65	6	-	7	8	0	10	-
	Chester (Sealand)	1020·1	-8	SSE	4	cf	33	85	3	-	7	-	0	7·8	-
8	Manchester ...	1020·6	-6	S	1	c_3^o	36	65	5	-	4	8	0	9	-
10	Spurn Head ...	1022·3	+2	SE'S	2	bc	37	85	7	5	7	1	2·3	4·6	2500
	Catterick ...	1021·8	-10	-	0	bc 3_o^o	31	75	5	-	-	8	0	4·6	-
	Tynemouth ...	1021·4	-2	NE	1	f-	33	85	3	5	-	-	9	9	1500
11	Inchkeith ...	1022·3	0	E	2	c	34	85	6	5	-	-	9+	9+	1500
12	Leuchars ...	1022·4	-6	-	0	c_3^o	32	95	6	5	-	-	10	10	1500
	Renfrew (Abbotsl.)	1021·3	-8	ENE	3	c_3^o	30	95	4	5	-	-	10	10	450
	Eskdalemuir ...	1020·6	-6	N'E	3	c	35	75	6	-	-	2	0	7·8	-
	Point of Ayre...	1019·3	-4	SE'S	4	bc 3_o	40	65	6	-	5	-	0	4·6	-
13A	Tiree	1018·8	-6	SE'S	2	c_3^o	41	75	6	-	5	6	0	9+	-
13B	Stornoway ...	1020·2	-6	E	3	c	38	85	8	5	7	-	4·6	7·8	1500
15	Dalwhinnie ...	1021·0	-8	N	1	bc	33	55	8	-	-	5	0	4·6	-
	Aberdeen ...	1022·0	-4	W	2	c_3^o	34	85	6	5	-	-	9+	9+	2500
16	Wick ...	1021·7	+4	SE	1	c	37	95	8	5	2	-	7·8	10	1500
	Lerwick ...	1021·4	+2	NNW	1	c	39	65	8	5	7	-	7·8	9	1500
17	Blacksod Point	1013·4	-10	E	4	c	43	75	7	-	2	-	0	10	-
18	Malin Head ...	1017·2	-4	E	2	c_3^o	42	85	6	5	-	6	2·3	9+	1500
	Aldergrove ...	1017·8	-8	E'N	5	c_3^o	37	85	6	-	7	-	0	9+	-
19	Birr Castle ...	1013·9	-16	ENE	1	ir_o	41	65	7	5	-	-	10	10	2500
20	Valentia Obsy. †	1006·9	-42	NE	4	$r_o r_o$	42	85	7	6	2	-	7·8	10	1500
	Roches Point	1009·1	-24	E'S	6	rr	43	95	6	6	-	-	10	10	1500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1019·0	-4	E	3	bcm	38	65	4	5	7	-	4·6	4·6	5700	4	*
	Croydon ...	1018·6	-4	E'N	3	c_3^o	36	75	5	-	5	-	0	9+	-	0	*
	S. Farnborough	1018·1	-4	E'N	3	c_m^o	38	65	4	5	7	-	4·6	9+	7200	0	*
	Boscombe Down	1017·3	-6	E'N	3	c_3^o	36	65	5	-	7	6	0	9	-	1	*
	Calshot (Sthmtn.)	1017·0	-4	ENE	4	c_3^o	40	65	6	5	7	-	4·6	7·8	4000	1	3
	Lympne ...	1019·4	-8	E'N	4	c_3^o	37	75	5	-	5	-	0	7·8	-	0	$3
	Manston ...	1019·9	-6	E'N	3	c_3^o	36	85	6	-	3	-	0	7·8	-	0	*
2	Shoeburyness ...	1020·0	-4	E'S	3	c	38	85	7	5	5	-	2·3	7·8	5700	1	*
	Felixstowe ...																
	Gorleston ...	1021·3	-4	E'S	3	c	36	85	7	5	-	-	10	10	2500	1	2
	Mildenhall ...	1020·5	0	E'S	2	bc	33	85	6	-	7	-	0	4·6	-	4	*
	Cranwell ...	1020·5	-8	NE'E	2	c_3^o	31	95	5	5	3	6	2·3	7·8	4000	4	*
3	Birmingham ...	1018·9	-8	ESE	3	cm	36	85	4	-	7	7	0	9+	-	4	*
	Upper Heyford	1018·8	-6	ENE	2	c_3^o	36	65	6	5	7	-	4·6	9	7200	1	*
4	Ross-on-Wye	1017·1	-14	E'N	2	c_3^o	35	85	5	5	-	-	10	10	8000	3	*
5	Portland Bill ...	1013·8	-8	E	5	bc	44	85	7	4	-	-	4·6	4·6	2500	1	4
	Plymouth ...	1011·4	-10	E'N	5	c_3^o	44	75	6	-	3	8	0	9+	-	1	3
	The Lizard ...	1009·0	-16	E	7	c	45	85	7	8	2	-	7·8	10	2500	1	4
	Scilly (St. Mary's)	1006·5	-4	SE'E	6	c	47	95	6	5	7	-	2·3	9+	2500	1	4
	Guernsey ...	1013·3	-16	ESE	3	bc	44	85	6	-	1	-	0	2·3	-	1	2
6	Pembroke ...	1010·8	-12	ESE	6	cq	40	65	6	8	2	-	7·8	10	1500	1	4
7	Holyhead ...	1013·9	-12	E'N	3	pr^o	41	75	6	5	2	8	4·6	10	7200	1	1
	Chester (Sealand)	1017·9	-12	SE'S	3	dm	34	85	4	5	-	-	10	10	800	4	*
8	Manchester ...	1018·9	-10	SE'E	3	f	34	75	3	5	7	-	4·6	10	7200	0	*
10	Spurn Head ...	1021·0	-4	SE'E	3	c	34	95	7	5	2	-	4·6	7·8	2500	0	2
	Catterick ...	1021·3	0	S'E	1	f	27	95	3	5	-	-	10	10	4150	4	*
	Tynemouth ...	1020·6	-6	S	2	c	36	85	6	4	-	-	9+	9+	4000	4	2
11	Inchkeith ...	1020·6	-6	E	2	c	33	85	6	5	3	-	4·6	7·8	1500	4	2
12	Leuchars ...	1021·2	-6	-	0	c	32	85	6	5	-	-	9+	9+	1500	4	*
	Renfrew (Abbotsl.)	1019·8	-6	NE'E	2	cm	32	85	4	5	3	-	4·6	10	1500	4	*
	Eskdalemuir ...	1020·2	+6	N	3	cf	27	95	3	-	3	2	0	9	-	4	*
	Point of Ayre...	1016·4	-18	NNE	5	c_3^o	40	55	6	5	-	-	7·8	7·8	800	4	3
13A	Tiree	1016·2	-12	E	2	c_3^o	37	75	6	-	7	7	0	10	-	4	1
13B	Stornoway ...	1018·1	-6	E	1	bc	33	85	8	1	5	-	Tr	4·6	2500	1	0
15	Dalwhinnie ...	1019·9	-6	S	2	c	27	85	8	4	5	2	1	4·6	2500	4	*
	Aberdeen ...	1020·7	-6	S	2	c_3^o	35	75	6	5	-	-	9+	9+	2500	1	1
16	Wick ...	1020·2	-2	SE	2	c^o	37	85	8	5	2	-	9	10	1500	1	1
	Lerwick ...	1020·7	-6	NNW	2	c	36	85	8	5	7	-	4·6	7·8	1500	0	*
17	Blacksod Point	1008·1	-36	E	6	rr	40	85	7	6	-	-	10	10	800	1	5
18	Malin Head ...	1013·6	-20	E	4	c_3^o	41	65	6	5	7	-	7·8	10	1500	4	2
	Aldergrove ...	1014·3	-20	ENE	5	c_3^o	39	75	6	5	2	-	7·8	10	4000	1	*
19	Birr Castle ...	1007·6	-30	ENE	2	ir_o	40	85	7	6	-	-	10	10	2500	1	*
20	Valentia Obsy. †	1000·3	-24	SE'E	6	$r_o r_o$	50	85	6	6	-	-	10	10	1500	1	4
	Roches Point	1005·6	-10	ESE	6	rr	47	85	6	6	-	-	10	10	1500	1	5

PAST 24 HOURS.

Weather. 7h.–13h. 13th (37)	13h.–18h. 13th (38)	18h. 13th to 1h. 14th (39)	1h.–7h. 14th (40)
bfxbczy	beez	czbc	bcm$_o$x
bfxmbz$_3^y$	b,c$_3^y$	c-bz$_o$x	bm$_o$x
cfbbcf^o	bcf$_3^e$	czbm$_o$x	bm$_o$x
bccm$_o$	c$_3^y$	cbcm$_o$	bcm$_o$
bcxm$_o$m$_o$	cm$_o$	cbcbm$_o$	bwm$_o$
bxbcm$_o$	bcc$_3$	bm$_o$x	bm$_o$x
bcxbbc	bcbc$_3^o$	bcm$_o$bx	bm$_o$x
bbcm$_o$	bcc	cbx	bbcx
bccfz$_3^o$	c	bcc	c
cm$_o$x,bc	bccbc	bcb	bcm$_o$x
xcm$_o$	cm$_o$bc	bccm$_o$x	cm$_o$x
bf	bfcm	cmbc	bcbx
bcxm$_o$mfc	cm$_o$	cbcb-c	cbbcm$_o$
fofcm	czcm$_o$	om$_o$mbcm	bcm$_o$
oc	cbc	bcbc	bc
cr$_o$m$_o$	cz$_3^o$	cbcz$_o$	bz$_o$bc
omir	oirc	cbcc	c
orgir	c	cbcc	c
cz$_3$	cz$_3$bc	bcb	bbc
cqm$_o$iro	cqirm$_o$	oqcm$_o$bc	bcqm$_o$
cm$_o$z$_3$	cz$_3^o$pr$_o$	cz$_o$	cz$_o$
cxbcff	bccffcm	cm	cm$_o$
obcfxc	cz$_3^o$ff	cbffcm$_o$	cz$_o$
bc	bcc	c	co
bmxbcm$_o$	m$_o$cmof	ofom	omom$_o$c
bccff	cffc	omffm	om
cz$_3$z$_3^o$	c	coz$_o$	z$_o$co
bxcxm$_o$	cxm$_o$	cm$_o$	cxm$_o$
FFmxo	ocmx	cmx	cm
bxbc	bccffx	cfox	oxcx
bcz	bczc	zoph$_o$	phoc
bccz$_3^o$	cz$_3^o$	cz$_o$	oRr$_o$
c	cbc	bcc	cr$_o$r$_o$
bc	c	*	c is$_o$
xfcz$_3^o$	cz$_3^o$	cz$_o$c	c
c	c	c	c
c	c	c	c
cc	rrq	irw	irq
cz$_3$z$_3$⊕	cz$_3^o$z$_3^o$y	oirsor$_o$or	oir$_o$zz$_o$
cffxfm$_o$	cm$_o$	cr$_o$s$_o$s	cir$_o$
oir$_o$	oir$_o$	oirsc	corr
cr$_o$r$_o$	cr$_o$r$_o$	r$_o$r$_o$c	c.
drorr	orr	orr	oir

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{20}$ 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 A-St (thin).
2 Typical A-St (thick; sun or moon invisible), or Nimbo- stratus (Nb-St).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu in several layers generally associated with fibrous veils and a chaotic appearance of the sky.

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

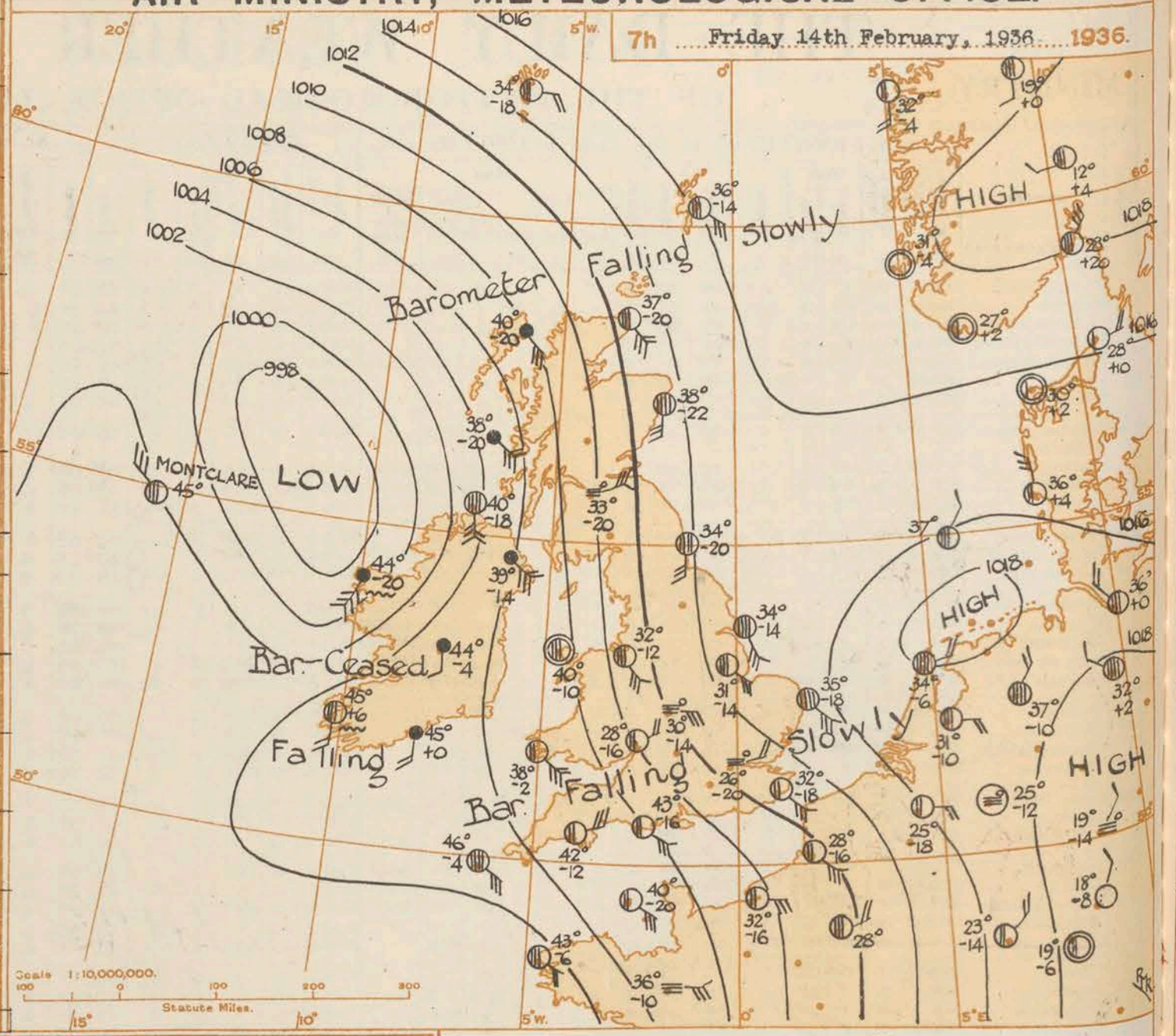
REPORTS from HEALTH RESORTS for 13th February 1936.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h.12th to 9h.13th	Temperature. Max. 9h.—17h. 13th	Rainfall. Night. 17h.12th to 9h.13th	Rainfall. Day. 9h.—17h. 13th	Sunshine. Sunrise to Sunset. 13th
1	Tunbridge W.	bbc	bc	22	44	-	-	6·3
	Bournemouth	o	ocm	28	43	-	-	0·3
	Ventnor ...	xocz	ocz	35	43	-	-	0·2
	Southsea ...	bcm	o	29	42	-	-	0·9
	Bognor Regis	bcbc	bcco	28	41	-	-	4·2
	Littlehampton	bc	bcc	25	43	-	-	4·6
	Worthing ...	b	bbcc	27	44	-	-	5·0
	Brighton ...	b	bc	28	44	-	-	6·0
	Eastbourne†	b	bbco	25	43	-	-	6·4
	Hastings† ...	bbc	bcbcc	29	43	-	-	7·6
	Folkestone ...	bxmb	bbcc	32	41	-	-	6·8
	Dover... ...	mb	bbcm	34	43	-	-	7·5
	Deal	b	b	34	40	-	-	6·5
	Ramsgate ...	b	bbc	35	42	-	-	7·5
	Margate ...	bc	bc	32	41	-	-	7·9
2	Southend ...	bm	bbcc	27	41	Trace	-	6·0
	Maldon ...	xb	bc	23	40	-	-	5·7
	Clacton-on-Sea	xbc	bc	29	40	-	-	7·0
	Dovercourt ...	xbc	bc	28	40	-	-	5·2
	Lowestoft ...	c	c	23	40	-	-	0·6
	Skegness ...	xfbc	bc	22	37	-	Trace	4·7
	Mablethorpe	xcmbc	bccm	19	37	-	-	3·2
	Cleethorpes ...	bcmx	bcc	22	36	-	-	3·2
3	Leamington S.	cbc	bcco	19	41	-	-	2·4
4	Cheltenham†	cmx	cm	25	40	-	-	0·3
5	Bath	mc	cm	25	39	-	-	0·0
	Weymouth ...	cm	c	33	42	-	-	0·3
	Jersey ...	cbc	bc	37	48	-	-	5·2
	Torquay ...	cbcm	cprm	37	46	-	Trace	0·0
	Penzance ...	rcrc	c	41	47	2	0·2	0·0
	St. Ives ...	pr	c	41	46	1	Trace	0·0
	Bude	o	or	35	44	Trace	1	0·0
	Ilfracombe ...	o	opco	35	44	-	0·7	0·0
6	Aberystwyth	c	cou	30	44	-	-	0·0
7	Llandudno ...	czbc	co	29	47	-	-	0·9
	Colwyn Bay...	c	co	26	48	-	-	1·3
	Rhyl	bcm	cm	27	42	-	-	1·6
8	Wallasey ...	mbcc	c	28	35	-	-	1·3
	Southport‖ ...	bc	co	24	36	-	-	0·2
	Blackpool ...	co	om	31	36	-	-	1·0
	Morecambe ...	cbcbb	bbccm	23	39	-	-	3·0
9	Ilkley... ...	o	o	15	37	-	-	0·0
	Harrogate ...	cfx	cfx	19	30	-	-	0·0
10	Berwick-on-T.	o	o	19	35	-	-	0·0
11	Dunbar ...	bcmx	bc	23	25	-	-	0·0
12	Troon... ...	xbfbc	bcfbf	19	36	-	-	0·6
	Douglas ...	cxm	com	30	40	-	-	0·2

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Friday 14th February, 1936. 1936.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 14th Feb, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Wind east to southeast, moderate; fair with mainly high cloud; milder during the day; frost inland at night.
5 S.W. England 6 South Wales ...	Wind southeast to east, moderate; mainly cloudy; occasional rain; average temperature.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	Wind southeast to east, moderate; fair; average day temperature; ground frost inland at night.
10 N.E. England 11 S.E. Scotland	Wind southeasterly or variable, light; fair; rather cold during the day; frost inland at night.
12 S.W. Scotland & Isle of Man.	As 7 - 9.
13 A. W. Scotld. B.N.W.Scotland.	Wind southeast, moderate to fresh; cloudy; occasional rain; average temperature.
14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	Wind southeasterly, light to moderate; fair; rather cold.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Wind southeasterly, moderate; cloudy; occasional rain; average temperature.

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

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

GENERAL INFERENCE.

A ridge of high pressure over the North Sea is moving eastwards, while shallow depressions are moving northwards from Portugal to Western Ireland. It will be fair and milder than of late in Eastern districts and there will be occasional rain in the West.

FURTHER OUTLOOK.

Becoming milder in Eastern districts; occasional rain in the West.

Forecasts issued at 1030 G.M.T.

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

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

Morning of

FRIDAY
14TH FEBRUARY.

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 14th February, 1936.
No. 27112.

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	Temp. °F.	Humid. %	Visibility. 0–9	Cloud. Form. Low	Cloud. Form. Med.	Cloud. Form. High	Cloud. Amount. Low 0–10	Cloud. Amount. Total 0–10	Height of Base. (feet)
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1016·1	-14	E	2	z_o	30	95	5	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1017·5	-6	E	4	z_o	33	85	6	-	-	-	0	0	-
	Manston ...	142	1017·9	-10	E	4	bc	34	85	7	5	-	-	4-6	4-6	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1019·2	-12	ESE	4	c	36	85	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	1012·2	-8	ESE	4	bc	44	95	7	4	-	-	2-3	2-3	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1008·3	-6	E	5	c	45	95	7	5	1	-	4-6	7-8	2500
	Scilly (St. Mary's)	163	1007·6	-8	SE'S	4	c	48	85	6	5	-	-	10	10	2500
	Guernsey ..	175	1011·5	-12	SE	3	b	41	75	6	-	-	-	0	0	-
6	Pembroke ...	142	1009·2	-6	SE'E	6	bc	40	85	6	5	-	-	4-6	4-6	1500
7	Holyhead ...	26	1010·6	-6	ENE	3	ic_o	40	75	6	6	2	-	4-6	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1019·2	-8	SSE	3	c	34	95	7	6	2	-	4-6	9	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1017·8	-8	S	2	m	30	95	4	5	-	-	10	10	1500
11	Inchkeith ...	190	1018·3	-16	E	1	z_o	32	85	6	5	-	-	10	10	800
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1013·2	-10	SSE	6	ph	37	75	8	8	-	-	10	10	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1013·3	-24	ESE	2	c	37	75	7	5	-	-	10	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1017·1	-12	SE	4	c	37	95	8	5	2	-	7-8	10	1500
16	Lerwick ...	156	1019·3	-8	NNW	1	c	35	85	8	5	2	-	7-8	10	1500
17	Blacksod Point	18	1001·2	-24	ESE	6	q	43	85	6	-	2	-	0	10	-
18	Malin Head ...	52	1008·2	-24	SE	4	c_o	39	95	6	6	-	-	10	10	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1002·2	+20	SW	4	o	46	95	6	5	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	Temp. °F.	Humid. %	Visibility 0–9	Cloud. Form. Low	Cloud. Form. Med.	Cloud. Form. High	Cloud. Amount. Low 0–10	Cloud. Amount. Total 0–10	Height of Base (feet)	State of Ground. 0–9	Sea. 0–9 *
	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	1011·7	-20	E	3	z_o	32	85	5	-	-	9	0	2-3	-	4	*
	1012·3	-20	E'N	2	z_o	26	95	4	-	-	5	0	7-8	-	4	*
	1011·6	-18	E'N	3	z_o	29	95	5	-	-	2	0	4-6	-	4	*
	1010·8	-14	E'N	3	bc	29	95	5	-	-	2	0	4-6	-	4	*
	1010·0	-12	E'N	5	N_o	36	85	6	-	7	-	0	4-6	-	1	3
	1013·2	-18	E'S	4	z_o	32	85	6	-	-	1	0	2-3	-	4	§2
	1013·5	-20	E'S	3	z_o	33	85	6	-	-	1	0	Tr	-	4	*
2	1013·6	-20	E'S	3	bc	36	95	7	-	7	5	0	2-3	-	4	*
	1015·6	-18	ESE	4	c	35	85	7	5	-	-	10	10	2500	1	3
	1014·4	-20	ESE	4	z_o	34	85	6	5	-	-	9+	9+	1500	4	*
	1014·6	-14	E'S	3	z_o	31	95	6	5	2	-	9	10	2500	4	*
3	1012·4	-14	E	3	m	30	95	4	5	-	-	9+	9+	800	4	*
	1012·7	-14	ENE	3	z_o	29	85	5	-	-	8	0	4-6	-	4	*
4	1011·4	-16	E'N	2	z_o	28	95	5	-	-	2	0	4-6	-	6	*
5	1007·9	-16	ESE	4	bc	43	85	7	4	-	-	2-3	2-3	2500	1	4
	1006·9	-12	E'N	3	bc	42	75	7	-	-	4	0	4-6	-	1	1
	1006·0	-10	E	4	c	44	85	7	5	2	-	9	10	1500	1	3
	1005·3	-4	ESE	3	c	46	95	6	5	-	-	10	10	2500	1	2
	1007·1	-20	ESE	3	bc	40	85	6	-	1	-	0	2-3	-	1	3
6	1007·1	-2	SE'E	5	z_o	38	85	6	5	-	-	4-6	4-6	1500	1	3
7	1007·4	-10	-	0	c	40	75	6	6	7	-	2-3	9	4000	1	1
	1011·2	-12	SE'S	4	z_o	32	85	6	5	1	-	7-8	9	2500	4	*
8	1012·4	-16	ESE	4	z_o	34	75	5	5	3	1	9	9+	2500	0	*
10	1015·0	-14	SSE	4	o	34	95	8	5	-	-	10	10	1500	0	3
	1014·7	-16	SSE	2	c	31	95	7	5	-	-	10	10	800	4	*
	1013·8	-20	S	3	o	34	85	6	5	-	-	10	10	1500	4	2
11	1012·5	-18	ENE	1	c	32	85	7	5	-	-	10	10	800	4	1
	1013·3	-22	SE	3	z_o	34	85	6	5	-	-	10	10	1500	4	*
12	1010·8	-20	E'N	4	N_o	33	85	4	5	-	-	10	10	2500	4	*
	1012·2	-20	N'W	3	c	28	85	6	5	7	-	4-6	9	1500	4	*
	1008·5	-20	S'E	6	c	38	75	8	8	-	-	9+	9+	1500	0	4
13A	1005·3	-20	ESE	5	dd	38	85	7	6	2	-	4-6	10	1500	1	*
13B	1007·8	-20	SE	3	$r_o r_o$	40	75	7	5	-	-	10	10	1500	1	2
15		-20	S	2	$1s_o$	3	95	6	4	2	-	4-6	10	1500	6	*
	1013·3	-22	S	3	c	38	85	7	5	-	-	10	10	2500	1	1
	1012·3	-20	SE	5	c	37	85	8	5	2	-	9	10	1500	1	3
16	1015·8	-14	ESE	3	c	36	85	8	8	2	-	7-8	9+	1500	0	*
17	998·8	-20	SW	6	ir	44	95	7	6	-	-	10	10	450	1	4
18	1002·7	-18	SSE	5	z_o	40	95	6	6	-	-	10	10	800	0	2
	1006·2	-14	ESE	6	ir_o	39	85	7	6	2	-	9+	10	1500	1	*
19	1004·7	-4	S	1	rr	44	95	7	6	-	-	10	10	2500	1	*
20	1004·5	+6	S	2	c	45	85	8	5	7	-	7-8	10	1500	1	4
	1005·3	0	S	2	ir	45	95	7	6	-	-	10	10	1500	1	4

PAST 24 HOURS.

District	Temperature. Max. Day 7h–18h °F.	Temperature. Min. Night 18h–7h °F	Temperature. Min. on Grass °F.	Rainfall. Day 7h–18h mm.	Rainfall. Night 18h–7h mm.	Sunshine 13th Hrs.
	(31)	(32)	(33)	(34)	(35)	(36)
1	42	31	27	-	Tr	2·3
	42	26	19	-	-	3·7
	43	28	24	-	Tr	0·5
	39	29	26	-	-	0·3
	41	35	33	-	-	0·1 0·3
	41	30	*	-	-	7·6
	41	32	27	-	-	7·3
2	40	35	29	-	-	6·3
	37	35	32	-	-	0·0
	40	29	25	-	-	4·2
	34	25	21	-	-	0·2
3	37	29	26	-	-	0·5
	40	29	25	-	-	*
4	35	27	18	-	-	0·0
5	44	41	*	-	-	*
	46	42	37	Tr	-	0·0
	46	43	*	2	-	*
	48	46	*	3	-	0·0
	47	40	33	-	-	5·4
6	40	37	*	1	0·0	0·0
7	43	39	33	Tr	0·1	0·5
	34	32	30	-	-	0·0
8	38	34	31	Tr	-	1·4
10	38	34	*	-	-	3·8
	32	27	26	-	-	2·7
	37	27	25	1-	-	0·0
11	35	31	24	-	-	0·2
	32	32	31	-	-	0·0
12	33	31	28	-	-	0·0
	36	26	25	-	-	4·8
	41	36	*	-	Tr	0·8
13A	42	35	34	-	9	5·1
13B	38	32	*	-	1	4·3
15	39	22	19	-	Tr	6·3
	35	34	33	-	-	0·0
16	39	36	*	-	-	*
	40	34	*	-	-	0·0
17	45	40	*	2	2	*
18	42	36	*	-	3	0·0
	39	37	35	Tr	0·4	0·0
19	43	39	37	1	5	0·0
20	50	45	43	4	1	0·0
	47	45	*	12	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	bfxbczy	bccz	czbc	42	31	27	-	Tr	2·3	•	•	5
Croydon	217	bfxmbcz	bcz$_o$y	c-bz$_o$y	42	26	19	-	-	3·7	•	•	4
Greenwich (Royal Observatory)...	149	bfm$_o$	bz$_o$yc	cbxm	41	27	27	-	0·3	3·7	59	84	4
City (Bunhill Row)	--	•	•	•	•	•	•	•	•	1·8	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	42	30	28	-	-	1·4	56	87	•
Regents Pk. (Botanic Gardens)‡...	168	•	•	•	41	27	23	-	-	0·5	56	87	•
Camden Square	110	xbbc	bc	•	41	26	23	-	-	•	•	92	•
Kensington	80	bzbcz	bczx	•	40	32	24	-	-	2·0	At 18h. 61	87	•
Hampstead Observatory	450	cm	bc	omx	38	28	22	-	-	1·7	•	98	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
3·2	9-10h 13th	0·3	1-2h 14th

Kew Observatory.

Max.	Time.	Min.	Time.
0·7	19h. 13th.	0·2	2h. 14th.

FOREIGN OBSERVATIONS.

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

Stations.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1017·8	ENE	2	bcz$_o$	36
Brussels	1020·8	ENE	2	bc	34
Berlin	1015·6	N	2	PS	34
Zürich	1021·1	N	1	oz$_o$	32
Rome	1005·3	NE'E	3	bc	37

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

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1011·7	ENE	2	cz$_o$	28
1014·7	E	2	bcz$_o$	25
1016·5	NW	2	z$_o$	23
1017·1	E	1	oz$_o$	25

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
45		-	
41	25	-	--
41	?	-	0·5
36	25	-	-
*	*	?	

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

Saturday 15th February 1936.

No. 27113.

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

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)	1008·7	-22	E	4	b 3_0	43	65	5	-	-	1	0	0	-
	Croydon ...	1008·6	-22	ENE	3	bc 3_0	43	65	5	-	-	8	0	2·3	-
	S. Farnborough	1007·9	-26	E	3	bc 2_0	46	45	5	-	-	2	0	2·3	-
	Boscombe Down	1007·6	-18	E'N	3	bc 3_0	40	65	6	-	-	6	0	4·6	-
	Calshot (Sthmtn.)	1007·6	-14	ENE	5	bc 3_0	42	75	6	-	-	6	0	4·6	-
	Lympne ...	1010·2	-10	E'N	4	bc 3_0	41	55	6	-	-	1	0	2·3	-
	Manston ...	1010·6	-14	E	3	bc	41	65	6	-	-	8	0	2·3	-
2	Shoeburyness ...	1010·9	-14	E	4	bc	41	85	6	-	-	5	0	4·6	-
	Felixstowe ...														
	Gorleston ...	1013·0	-14	ESE	4	c	37	85	6	5	-	-	9+	9+	2500
	Mildenhall ...	1010·6	-24	ESE	4	bc 3_0	43	65	6	-	4	5	0	4·6	-
	Cranwell ...	1011·5	-18	E'N	3	c 3_0	37	85	6	5	-	-	7-8	7-8	1500
3	Birmingham ...	1009·2	-18	ESE	3	bc	39	65	5	-	-	1	0	2·3	-
	Upper Heyford	1009·0	-20	E'N	3	bc 3_0	43	65	6	-	-	8	0	4·6	-
4	Ross-on-Wye	1007·3	-14	E	3	bc 3_0	40	65	6	-	-	2	0	2·3	-
5	Portland Bill ...	1004·6	-24	E	4	c	43	85	7	4	4	-	7-8	9	2500
	Plymouth ...	1003·9	-18	E'N	4	c 3_0	45	85	6	5	-	8	7-8	9	1500
	The Lizard ...	1003·1	-6	E	4	c	46	85	7	8	2	-	7-8	10	1500
	Scilly (St.Mary's)	1003·1	-10	E'S	4	c	47	85	6	5	1	-	7-8	10	2500
	Guernsey ...	1005·0	-12	ESE	2	am	39	95	4	5	-	-	10	10	450
6	Pembroke ...	1005·5	-10	ESE	3	cq	40	75	6	5	-	-	9+	9+	2500
7	Holyhead ...	1005·8	-6	SSE	2	$c3_0$	47	55	6	-	3	7	0	10	-
	Chester(Sealand)	1007·9	-20	SSE	5	$c3_0$	39	65	5	-	7	-	0	9	-
8	Manchester ...	1008·8	-20	ESE	3	cm	43	55	4	-	7	-	0	7-8	-
10	Spurn Head ...	1012·0	-12	ESE	5	c	36	95	7	5	2	-	7-8	9+	1500
	Catterick ...	1011·1	-18	S'E	3	$c3_0$	32	95	6	5	-	-	10	10	800
	Tynemouth ...	1010·4	-20	S	3	om	36	85	4	5	-	-	10	10	1500
11	Inchkeith ...	1008·9	-20	E	2	c	36	85	7	5	-	-	9+	9+	1500
	Leuchars ...	1008·6	-22	SE	4	$c3_0$	37	75	6	-	7	7	0	10	-
12	Renfrew (Abbotsl.)	1007·2	-14	E'N	2	om	38	65	4	5	-	-	10	10	4000
	Eskdalemuir ...	1007·6	-20	SSE	3	c	39	45	7	5	2	-	2-3	10	4000
	Point of Ayre...	1007·8	-8	S'E	4	$c3_0$	39	75	6	8	2	-	4-6	10	1500
13a	Tiree	1002·3	-14	SE	6	$c3_0$	39	95	6	6	2	-	9+	10	800
13b	Stornoway ...	1003·1	-14	SE	4	c/r 3_0	42	85	7	5	2	-	4-6	10	1500
15	Dalwhinnie ...	1005·7	-36	SE	7	c	33	95	7	5	-	-	10	10	2500
	Aberdeen ...	1009·3	-22	S	4	c	39	85	6	8	-	-	10	10	1500
	Wick ...	1008·1	-20	SSE	5	c	40	95	7	5	2	-	9	10	1500
16	Lerwick ...	1012·3	-20	SSE	4	c/pr	38	85	7	8	2	-	7-8	9+	800
17	Blacksod Point	1002·3	+12	WSW	3	bc	46	85	8	5	-	-	4·6	4·6	800
18	Malin Head ...	1002·2	0	SSE	4	$c3_0$	43	95	6	6	1	-	9	10	800
	Aldergrove ...	1005·0	-2	SE'S	3	rr	41	95	6	6	2	-	7-8	10	800
19	Birr Castle ...	1005·7	0	SSW	1	c	46	95	8	8	-	-	9+	9+	2500
20	Valentia Obsy. †	1004·5	-6	SW'W	1	bc	49	75	9	7	-	1	2-3	2-3	4000
	Roches Point	1005·0	-2	S	1	o	46	95	6	5	-	-	10	10	800

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1004·9	-18	E'N	3	$c3_0$	38	75	5	-	-	7	0	9+	-	1	*
	Croydon ...	1005·0	-16	ESE	3	cm	35	75	4	-	7	8	0	7-8	-	0	*
	S. Farnborough	1004·3	-16	E'N	2	cm	38	75	4	-	1	7	0	10	-	0	*
	Boscombe Down	1003·6	-10	E	2	$c3_0$	40	65	5	-	-	6	0	9+	-	1	*
	Calshot (Sthmtn.)	1004·1	-16	E'N	5	$c3_0$	41	75	5	-	7	7	0	10	-	1	3
	Lympne ...	1006·2	-12	E	4	$b3_0$	39	65	5	-	-	8	0	1	-	0	$3
	Manston ...	1006·5	-10	E'S	4	$c3_0$	39	75	6	-	1	8	0	9	-	0	*
2	Shoeburyness ...	1006·6	-20	E'S	2	c	40	95	6	-	3	6	0	7-8	-	1	*
	Felixstowe ...																
	Gorleston ...	1008·6	-28	ES	5	bc	38	95	6	-	1	-	0	2-3	-	1	3
	Mildenhall ...	1006·9	-26	ESE	3	$b3_0$	36	95	5	-	-	5	0	1	-	1	*
	Cranwell ...	1007·6	-6	ENE	3	$c3_0$	34	85	5	-	-	7	0	10	-	1	*
3	Birmingham ...	1005·7	-10	E	3	$c3_0$	38	75	5	-	1	8	0	10	-	4	*
	Upper Heyford	1005·7	-6	E	3	$c3_0$	36	85	6	5	1	8	4-6	9+	1000	0	*
4	Ross-on-Wye	1004·4	-16	N'E	1	$bc3_0$	36	85	5	-	1	-	0	4-6	-	6	*
5	Portland Bill ...	1001·6	-12	E	4	c	43	95	7	4	-	-	10	10	2500	1	4
	Plymouth ...	1001·9	-10	ESE	3	$c3_0$	44	85	6	5		-	10	10	1500	1	1
	The Lizard ...	1001·1	-4	E'N	4	c	43	95	6	6	2	-	9+	10	1500	1	3
	Scilly (St.Mary's)	1001·4	-10	E	4	c	45	85	6	5	2	-	7-8	10	2500	1	2
	Guernsey ...	1002·7	-12	SE	1	c	43	95	6	5	-	-	7-8	7-8	2500	1	2
6	Pembroke ...	1001·9	-10	E	3	$c3_0$	40	75	6	5	-	-	9+	9+	2500	1	2
7	Holyhead ...	1003·5	-8	N'E	1	$c3_0$	42	75	6	-	7	-	0	10	-	1	1
	Chester(Sealand)	1003·3	-10	SE	3	$c3_0$	37	75	5	-	2	-	0	10	-	4	*
8	Manchester ...	1005·8	-12	ESE	4	$c3_0$	37	75	5	5	7	8	2-3	10	4000	0	*
10	Spurn Head ...	1007·5	-20	SE	5	c	36	95	7	5	2	-	7-8	9+	1500	0	4
	Catterick ...	1007·6	-16	S	1	$o3_0$	33	85	5	5	-	-	10	10	800	4	*
	Tynemouth ...	1007·6	-20	SE	2	om	35	85	4	5	-	-	10	10	1500	1	2
11	Inchkeith ...	1004·8	-20	E	2	c	36	85	6	5	-	-	7-8	7-8	1500	4	1
	Leuchars ...	1005·5	-16	SE	1	c	35	75	5	5	7	-	4-6	10	2500	1	*
12	Renfrew (Abbotsl.)	1005·2	-8	-	0	$5_0 5_0$	34	95	4	5	-	-	10	10	1500	4	*
	Eskdalemuir ...	1005·5	-10	NNW	1	c	33	65	6	5	2	-	4-6	10	4000	4	*
	Point of Ayre...	1004·3	-12	S'W	4	$o3_0$	41	75	6	5	-	-	10	10	800	0	3
13a	Tiree	1000·7	-4	S'E	5	$c3_0$	43	95	6	5	2	-	7-8	10	1500	1	4
13b	Stornoway ...	999·8	-16	S	5	$1d_0$	42	85	6	5	-	-	10	10	1500	1	3
15	Dalwhinnie ...	1004·2	-16	SW	4	$1s_0$	33	85	6	4	2	-	7-8	10	1500	6	*
	Aberdeen ...	1005·3	-22	SSW	4	$c3_0$	39	95	6	6	2	-	7-8	10	1500	1	2
	Wick ...	1003·1	-20	S	6	c	40	95	7	3	3	-	9	10	1500	1	4
16	Lerwick ...	1008·0	-20	SSE	4	$1r_0$	40	85	6	9	2	-	7-8	10	800	1	*
17	Blacksod Point	1001·5	-4	WSW	2	c	45	95	8	5	-	-	7-8	7-8	1500	0	3
18	Malin Head ...	1001·3	-2	S	2	c	43	95	7	5	-	-	9+	9+	1500	0	1
	Aldergrove ...	1002·9	-8	SSE	2	c	41	95	6	5	-	-	9+	9+	4000	1	*
19	Birr Castle ...	1008·2	-6	S	1	c	46	85	8	5	-	-	9+	9+	2500	1	*
20	Valentia Obsy. †	1002·7	-8	S'E	3	c	47	85	8	5	3	-	7-8	9+	1500	1	2
	Roches Point	1002·8	-6	ESE	2	c	45	95	7	5	4	-	4-6	7-8	1500	1	4

PAST 24 HOURS.

Weather. 7h.—13h. 14th. (37)	13h.—18h. 14th. (38)	18h. 14th to 1h. 15th (39)	7h.—7h. ...15th (40)
bcxb	$bz_3 cm_0$	cbcc	$cr_0 F$
bcmxz_{3_0}	bccz_{3_0}m	cmmr_{0_0}	$r_0$mddff
bcbz_{3_0}y	z_{3_0}bcyc	$cz_2 bm_{0_0}$	Rrff
bcz_{3_0}y	bcyz_{3_0}	cm_0	irFF
bm_0bcm	$bcm_0 cm_0$	cm_0	orrdff
bcbm_0	bz_{3_0}	b-om_{0_0}	$or_0 d_0$ff
bm_0xbcz_3	bc$z_{3_0}m_0$	cm_0bqc	$om_{0_0}r_0$
bcxm_0	bcm_0	bccm_0	ofrro
cq	cqz_{3_0}	bbcz_0	$or_0 r$f
cm_0xbc	bcm_0	$bcm_{0_0}r_0$	
cm_0bc	bcz_3c	cm_0x	cmofx
cb	bbc	cbcc	cm
bcmz_{3_0}	bcz_3c	cm_0bcc	cmr_0Fe
bcz	bc$z_3$cz	bcmcf	cfof
bcc	c	odf	odf
bccz_{3_0}	cz_{3_0}	cod_0m_0	oid_0m_0
c	c	cffpd	oifmd
c	c	c	cir_0
bcz$_3$om	omc	cor_0	or_0ir
bccqm_0	cm_0	cm_0c	om_0
cz_{3_0}⊕	$cy z_{3_0}$⊕	$cz_0 m_0$	b-om_0
m_0^c	cz_{3_0}	cz_0bcm_0	bcm$_0$fx
cz_3y	$cz_3 z_3$y	cbcm	bccf
oc	c	bc	bcowm
cam_0	om_0	om_0om	omofk
om	om	omo	o
oc	c	cz_0zss	o5sz
$cxm_0 cm_0$	cm_0	$cm_0 cp_0 s$	$cs_0 s_0 cm_0$
$cm z_{3_0}$	$3fs_0 s_0 m$	$s_0 r_0 r_0 cm_0$	cmoff
cxc	$cyc z_{3_0}$	cz_0	$cp_0 s$
co$z$	oz	opr$_0$	$r_0 roz$
$r_0$srs	$idr_0 z_{3_0}$	c	irm_0
$cr_0 r_0$	cid_0	cpr$_0$	crrc
1soc	ciso	•	cf
ccz_{3_0}	cz_{3_0}	cor_0	$r_0 r_0 o$
cprc	cprc	cpr_0	$cpr_0 c$
cpr$_0$	$cir_0 m_0$	$cr_0 ir_0$	$cir_0 m_0$
id$_0$	cbc	c	$pr_0 c$
$cz_{3_0 3_0}$	$cz_{3_0} c$	c	cbc
$cr_0 r_0 m_0$	$cr_0 r_0 c$	cm_0	CFF
orrc	c	c cirrc	cx
cbc	bcc	~~cprbc~~	ccpr$_0$
$ir_0 om_0$	$om_0 c$	com	offe

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{10}$ of the sky. "9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

† Sea disturbance reported from Dungeness.

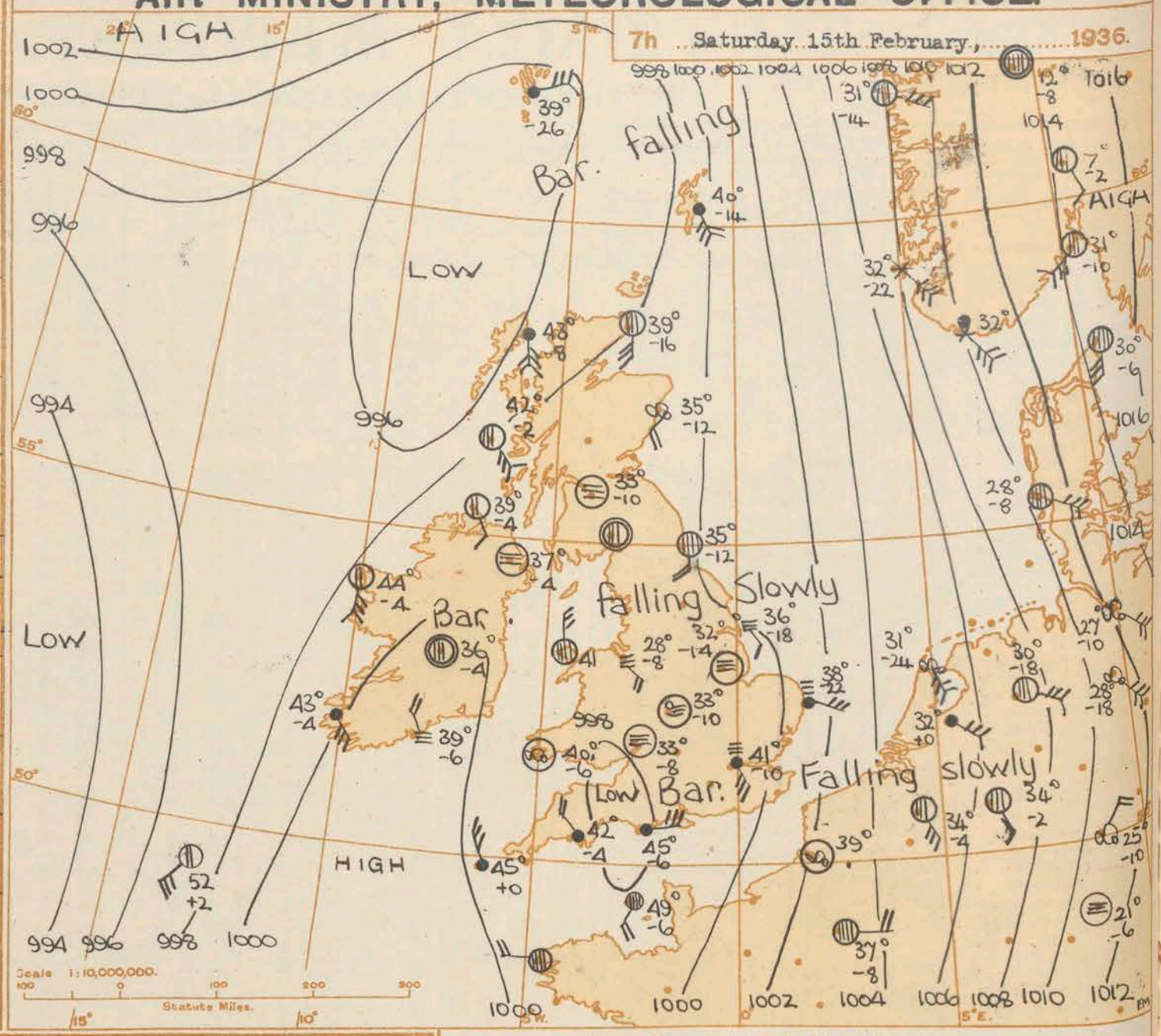
REPORTS from HEALTH RESORTS for 14th February 1936.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 13th to 9h. 14th	Temperature. Max. 9h.—17h. 14th.	Rainfall. Night. 17h. 13th to 9h. 14th	Rainfall. Day. 9h.—17h. 14th	Sunshine. Sunrise to Sunset. 14th
1	Tunbridge W.	b	bbc	29	47	-	-	6·5
	Bournemouth	b	bm	32	45	-	-	5·5
	Ventnor ...	xbz	bbcz	36	45	-	-	5·3
	Southsea ...	b	bbc	33	46	-	-	5·3
	Bognor Regis	b	bbc	32	43	-	-	6·4
	Littlehampton	bc	bc	31	45	-	-	6·5
	Worthing ...	b	bbc	32	46	-	-	6·5
	Brighton ...	b	b	33	47	-	-	6·8
	Eastbourne†	b	bbc	36	42	-	-	6·5
	Hastings† ...	b	bbcc	33	44	-	-	6·5
	Folkestone ...	bxmb	bbc	33	42	-	-	7·5
	Dover... ...	mb	mbbc	34	43	-	-	7·7
	Deal	b	b	34	41	-	-	6·9
	Ramsgate ...	bc	bccm	35	42	Trace	-	6·8
	Margate ...	bc	bc	34	42	-	-	7·9
2	Southend ...	bm	bbcm	34	42	Trace	-	6·8
	Maldon ...	xb	bc	32	41	-	-	7·4
	Clacton-on-Sea	bc	bcm	34	40	-	-	7·2
	Dovercourt ...	bcm	bcm	27	42	-	-	7·1
	Lowestoft ...	c	c	32	40	-	-	2·9
	Skegness ...	orcb	b	29	38	Trace	-	4·2
	Mablethorpe	am c	cbccc	29	38	-	-	1·6
	Cleethorpes ...	oz	cbc	27	38	-	-	1·8
3	Leamington S.	bcb	b	27	45	-	-	6·0
4	Cheltenham†	bc	bcc	29	44	-	-	5·4
5	Bath	b	bbcc	28	43	-	-	4·7
	Weymouth ...	b	c	35	45	-	-	4·5
	Jersey ...	gc	ac	36	45	-	-	0·1
	Torquay ...	bvcm o	oz o	40	45	-	-	0·1
	Penzance ...	c	c	45	47	-	-	0·0
	St. Ives ...	c	c	39	47	-	-	0·4
	Bude	bcc	c	38	47	0·3	-	1·6
	Ilfracombe ...	bcb	bccz	37	45	-	-	2·2
6	Aberystwyth	dc	bcc	39	50	0·5	-	3·3
7	Llandudno ...	cm c	cm o	35	48	-	-	0·6
	Colwyn Bay...	c	co	36	50	-	-	0·8
	Rhyl	c	cm o	32	43	-	-	0·0
8	Wallasey ...	bcc	c	32	40	-	-	0·0
	Southport‖ ...	bc	co	33	41	-	-	0·9
	Blackpool ...	cz	co	32	42	-	-	0·6
	Morecambe ...	ccbc	bccm	24	40	-	-	0·7
9	Ilkley... ...	o	o	25	34	-	-	0·0
	Harrogate ...	oc	cm	21	33	-	-	0·0
10	Berwick-on-T.	o	o	21	36	-	-	0·0
11	Dunbar ...	bcm x	cm o	31	38	-	-	0·0
12	Troon... ...	coc	cd od	23	42	-	0·3	0·0
	Douglas ...	cq m o	om o	34	40	-	-	0·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Saturday 15th February, 1936.



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

Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 15th Feb, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light variable wind; occasional slight rain; fog persisting in many inland districts; becoming slowly milder.
5 S.W. England 6 South Wales	Wind variable, light, becoming southerly, moderate; bright intervals today; rain tomorrow; becoming milder.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	Wind variable, light, becoming southerly, light to moderate tomorrow; occasional rain; fog persisting in many inland districts today; milder tomorrow.
10 N.E. England 11 S.E. Scotland	Wind light, variable; occasional rain tonight; fog persisting locally; rather cold.
12 S.W. Scotland & Isle of Man	As 7 - 9.
13 A. W. Scotld. / B.N.W. Scotland	Wind south to southeast, moderate; mainly cloudy; rain tomorrow; rather cold.
14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	Wind southerly or variable, light; occasional rain or sleet; cold.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Wind southerly, freshening; fog inland today; cloudy with rain spreading eastwards tonight; becoming milder.

GENERAL INFERENCE.

Shallow depressions over Devonshire and northwest of the Hebrides are moving north or northeast, while a deep depression west of Ireland is moving eastwards. There will be fog and occasional rain in many parts of Great Britain, while rain will become continuous in the West tonight. It will become milder slowly in all districts.

FURTHER OUTLOOK.

Rain spreading eastwards over Western districts; local fog at first in the East; becoming milder generally.

Forecasts issued at 1030 G.M.T.

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

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

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

Morning of

SATURDAY
15TH FEBRUARY.

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 15th February 1936.

No. 27113.

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

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	1001·4	-18	SE	2	ir$_o$	39	85	6	5	-	-	10	10	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1003·2	-16	SE'E	3	c/r	40	75	6	5	2	-	7-8	10	2500
	Manston ...	142	1003·0	-20	SE'E	4	ir$_o$	38	85	6	6	2	-	4-6	10	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1004·4	-20	ESE	4	bc	37	95	6	5	-	-	4-6	4-6	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	999·4	-10	ESE	3	df	45	95	3	5	-	-	10	10	800
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	999·2	-6	N'E	2	o	43	95	7	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	999·7	-4	NNE	3	c	44	96	6	5	-	-	10	10	2500
	Guernsey ..	175	1000·1	-6	S	2	r$_o$r$_o$	47	95	6	5	-	-	10	10	1500
6	Pembroke ...	142	999·6	-4	E'N	2	z$_o$	40	85	6	5	2	-	4-6	10	1500
7	Holyhead ...	26	1000·3	-18	-	0	b	38	85	6	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1003·6	-16	SE'S	4	bc	37	95	7	5	-	-	2-3	2-3	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1003·6	-16	S	2	o	34	95	6	5	-	-	10	10	1500
11	Inchkeith ...	190	1004·0	-12	W	2	ss	34	95	4	6	-	-	10	10	800
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1002·3	-8	S'E	3	pr$_o$	39	85	6	6	-	-	10	10	800
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	998·0	-10	S	5	pr$_o$	43	95	7	5	-	-	10	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1000·6	-10	S	6	pr$_o$	39	95	6	5	2	-	9	10	1500
16	Lerwick ...	156	1002·5	-20	SE	5	ir$_o$	40	95	7	9	2	-	7-8	10	800
17	Blacksod Point	18	1000·7	-4	-	0	c	44	95	7	5	-	-	10	10	800
18	Malin Head ...	52	1000·1	-7	S	1	c	42	95	7	5	-	-	10	10	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1001·8	-2	S	2	bc	44	95	8	3	-	-	2-3	2-3	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	999·0	-14	E'S	1	F	37	95	1	-	-	-	10	10	<150	1	*
	Croydon ...	998·6	-10	S'E	3	df	41	95	3	5	-	-	10	10	450	1	*
	S. Farnborough	998·3	-12	ESE	1	ff	39	95	1	-	-	-	10	10	<150	1	*
	Boscombe Down	998·3	-20	-	0	ff	38	95	1	5	-	-	10	10	<150	1	*
	Calshot (Sthmtn.)	998·8	-4	E'N	2	df	41	95	2	-	-	-	10	10	<150	1	1
	Lympne ...	1000·3	-12	S	2	df	43	95	2	-	-	-	10	10	<150	1	§3
	Manston ...	999·6	-14	S'W	3	id$_o$	41	95	4	6	2	-	7-8	10	800	1	*
2	Shoeburyness ...	999·2	-14	SSW	2	fo/r	40	95	3	5	-	-	10	10	1500	1	*
	Felixstowe ...																
	Gorleston ...	1000·4	-22	SE	3	rf	38	95	2	6	-	-	10	10	300	1	4
	Mildenhall ...	999·3	-16	SE	1	r$_o$r$_o$	36	95	4	-	2	-	10	10	<150	1	*
	Cranwell ...	999·7	-14	-	0	f	32	95	3	-	-	-	10	10	<150	4	*
3	Birmingham ...	1000·1	-10	-	0	m	33	95	4	-	2	-	0	10	-	4	*
	Upper Heyford	999·4	-12	NNE	1	df	34	95	1	-	2	-	10	10	220	1	*
4	Ross-on-Wye	999·5	-8	-	0	of	33	95	3	5	-	-	10	10	300	6	*
5	Portland Bill ...	997·4	-6	E	3	df	45	95	3	5	-	-	10	10	800	1	3
	Plymouth ...	998·4	-4	NW'W	2	id$_o$	42	95	5	5	-	-	10	10	450	1	1
	The Lizard ...	998·7	0	NW'W	2	id$_o$	43	95	4	5	-	-	10	10	1500	1	2
	Scilly (St. Mary's)	999·5	0	N'W	3	ir$_o$	45	95	6	5	-	-	10	10	2500	1	2
	Guernsey ..	998·5	-6	SSW	2	o/r	49	95	6	5	-	-	10	10	1500	1	3
6	Pembroke ...	998·4	-6	-	0	z$_o$	40	75	6	5	-	-	10	10	1500	1	2
7	Holyhead ...	999·0	-4	N	3	c$_o$	41	85	6	5	-	-	10	10	800	1	2
	Chester (Sealand)	999·4	-8	SE	2	cf	28	95	3	5	-	-	7-8	7-8	1500	4	*
8	Manchester ...	999·6	-14	ENE	1	cf	31	95	3	5	7	-	2-3	9	4000	4	*
10	Spurn Head ...	999·3	-18	SSE	2	c	36	95	4	5	-	-	10	10	800	1	1
	Catterick ...	1000·1	-16	-	0	of	32	95	3	5	-	-	10	10	800	1	*
	Tynemouth ...	999·9	-12	S	2	o	35	95	6	5	-	-	10	10	1500	4	1
11	Inchkeith ...	1000·7	-8	W	2	m	34	95	4	5	-	-	7-8	7-8	1500	5	1
	Leuchars ...	1000·4	-18	W	1	z$_o$	33	95	5	5	7	-	7-8	10	1500	6	*
12	Renfrew (Abbots L.)	1000·7	-10	-	0	of	33	95	3	5	-	-	10	10	800	8	*
	Eskdalemuir ...	1000·1	-8	-	0	c	32	85	6	5	-	-	9+	9+	1500	4	*
	Point of Ayre ...	1000·2	-6	SE'E	2	z$_o$	38	85	6	5	-	-	10	10	800	1	2
13A	Tiree	999·1	-2	SSE	4	c	42	95	6	5	-	-	9	9	1500	1	*
13B	Stornoway ...	996·4	-8	S	5	rr	43	95	6	5	2	-	7-8	10	1500	1	3
15	Dalwhinnie ...	1001·3	-6	-	0	ff	25	85	5	4	-	-	Tr	Tr	1500	6	*
	Aberdeen ...	999·6	-12	SSW	2	z$_o$	35	95	5	6	-	-	10	10	1500	1	1
	Wick ...	997·9	-16	S	3	c	39	85	7	5	2	-	7-8	10	1500	1	3
16	Lerwick ...	998·9	-14	S'E	5	ir$_o$	40	95	6	9	2	-	7-8	10	450	1	*
17	Blacksod Point	998·9	-4	S	4	bc	44	95	8	4	-	-	4-6	4-6	800	1	3
18	Malin Head ...	998·8	-4	SSE	1	bc	39	95	7	5	-	-	2-3	2-3	2500	0	1
	Aldergrove ...	999·8	-4	-	0	cF	37	95	1	5	-	-	9+	9+	2500	1	*
19	Birr Castle ...	1000·7	-4	-	0	c	36	95	7	5	-	-	9+	9+	2500	1	*
20	Valentia Obsy. †	999·8	-4	SSE	3	pr$_o$	43	85	8	6	7	-	7-8	9+	1500	1	3
	Roches Point	1000·7	-6	NNW	2	f	39	95	2	5	-	-	10	10	<150	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 14h 0m Hrs. (36)
1	London (Kew)	43	35	25	-	0·6	5·6
	Croydon ...	44	34	27	-	0·3	6·7
	S. Farnborough	46	33	25	-	3	6·4
	Boscombe Down	43	30	29	-	0·4	4·9
	Calshot (Sthmtn.)	43	38	36	-	4	5·4
	Lympne ...	42	32	33	-	1	7·7
	Manston ...	42	37	33	-	1	7·2
2	Shoeburyness ...	41	36	32	-	4	6·8
	Felixstowe ...						
	Gorleston ...	38	37	36	-	2	0·0
	Mildenhall ...	43	35	33	-	2	7·0
	Cranwell ...	41	30	27	-	-	3·1
3	Birmingham ...	43	33	29	-	-	4·8
	Upper Heyford	45	33	30	-	0·6	*
4	Ross-on-Wye	41	31	25	-	-	4·8
5	Portland Bill ...	45	42	*	-	2	*
	Plymouth ...	45	42	41	-	Tr	0·6
	The Lizard ...	47	42	*	-	0·6	*
	Scilly (St. Mary's)	47	44	*	-	0·2	0·0
	Guernsey ..	44	43	40	-	3	0·5
6	Pembroke ...	42	38	*	-	-	0·0
7	Holyhead ...	48	38	29	-	-	1·1
	Chester (Sealand)	40	28	24	-	-	0·4
8	Manchester ...	43	30	23	-	-	2·8
10	Spurn Head ...	36	36	*	-	Tr	0·4
	Catterick ...	34	32	31	-	-	0·0
	Tynemouth ...	37	33	31	-	-	0·0
11	Inchkeith ...	37	31	32	-	2	0·0
	Leuchars ...	37	32	32	-	Tr	0·1
12	Renfrew (Abbots L.)	38	32	32	Tr	2	0·0
	Eskdalemuir ...	40	31	27	-	Tr	0·0
	Point of Ayre ...	41	37	*	-	1	0·0
13A	Tiree	43	41	40	2	1	0·0
13B	Stornoway ...	43	42	*	6	5	0·0
15	Dalwhinnie ...	34	24	17	0·4	-	0·0
	Aberdeen ...	39	35	33	-	0·4	0·0
	Wick ...	40	37	*	0·6	0·1	*
16	Lerwick ...	40	38	*	0·1	5	0·0
17	Blacksod Point	49	40	*	0·1	Tr	*
18	Malin Head ...	44	37	*	-	-	0·0
	Aldergrove ...	43	37	35	7	Tr	0·0
19	Birr Castle ...	49	35	29	0·3	-	0·0
20	Valentia Obsy. †	53	40	33	-	0·3	4·3
	Roches Point	47	38	*	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	bc.b	bzcm$_o$	cbcc	43	35	28	-	0·6	5·6	*	*	1
CROYDON	217	bcmxz$_o$	bccz$_o$mcmmr$_o$		44	34	27	-	0·3	6·2	*	*	3
GREENWICH (Royal Observatory) ...	149	bm$_o$	bcm$_o$	cbcdF	43	33	27	-	1·5	5·8	6·8	9·7	1
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	3·7	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	44	35	31	1·1		5·1	5·6	10·0	*
REGENTS PK. (Botanic Gardens)‡ ...	168	*	*	*	44	36	33	-	0·8	3·6	5·8	9·8	*
CAMDEN SQUARE	110	xbcb	b	*	44	34	27	-	1	*	*	9·8	*
KENSINGTON	80	bcz	ofr	*	44	36	27	-	0·9	5·4	At 18h. 7·9	9·3	*
HAMPSTEAD OBSERVATORY	450	bcm	om	omd	42	31	25	-	1·3	4·6	*	9·4	*

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

South Kensington. Max.	Time.	Min.	Time.
2·0	20-22h 14th	0·6	1-3h. 15th.

Kew Observatory. Max.	Time.	Min.	Time.
1·1	22h 14th	0·5	4h 15th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 14th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather	Temp. °F.	7h. G.M.T. 15th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
PARIS	1005·9	E	2	bz$_o$	43	1003·4	E	2	c/r	37
BRUSSELS	1008·4	E'N	3	b	37	1007·8	?	3	c	34
BERLIN	1016·4	NW	1	c	34	1016·7	ESE	2	c	21
ZÜRICH	1013·4	NW'W	2	cz$_o$	30	1003·1	SSE	4	r	32
ROME	1013·0	ESE	4	o	?	1011·1	NE	3	z$_o$	46

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
48	?	-	?
45	?	-	?
37	19	-	-
36	14	-	-
*	*	?	-

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 16th February, 1936.
No 27114

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

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)	998·4	-2	-	0	dF	40	95	0	-	-	-	10	10	4150
	Croydon ...	998·2	-2	-	0	dF	43	95	0	-	-	-	10	10	4150
	S. Farnborough	998·5	-2	-	0	dF	38	96	1	-	-	-	10	10	4150
	Boscombe Down	998·8	-2	NW'N	2	f	37	95	2	5	-	-	10	10	4150
	Calshot (Sthmtn.)	998·6	0	NW	1	dF	43	95	1	-	-	-	10	10	4150
	Lympne ...	999·9	-12	S'W	3	dF	44	95	1	-	-	-	10	10	4150
	Manston ...	999·1	0	SSW	2	d_o	45	95	4	6	-	-	10	10	450
2	Shoeburyness ...	999·2	-2	SSW	1	f-	46	95	3	5	-	-	10	10	800
	Felixstowe ...														
	Gorleston ...	999·2	-2	SSW	1	f	41	95	2	-	-	-	10	10	4150
	Mildenhall ...	998·9	-2	W'S	1	f-	39	95	3	5	-	-	10	10	450
	Cranwell ...	999·5	0	NW'W	2	f	34	95	3	-	-	-	10	10	4150
3	Birmingham ...	1000·0	-2	NNW	2	rf	37	85	2	6	-	-	10	10	1500
	Upper Heyford	999·7	+2	NE	1	df	36	95	2	-	2	-	10	10	220
4	Ross-on-Wye	999·7	0	NW	1	f	36	85	3	5	-	-	10	10	800
5	Portland Bill ...	998·3	+4	E	3	o	43	95	6	5	-	-	10	10	1500
	Plymouth ...	999·6	+6	NW'N	2	c_o/r	44	85	5	5	3	-	7-8	9+	1500
	The Lizard ...	1000·7	+8	NW'W	2	o	45	95	6	5	-	-	10	10	1500
	Scilly (St. Mary's)	1001·1	+4	N'W	4	c	49	75	6	8	-	-	7-8	7-8	2500
	Guernsey ...	998·9	+4	WNW	2	om	46	95	4	5	-	-	10	10	1500
6	Pembroke ...	1000·1	+4	NNW	2	r_o	43	95	6	3	2	-	4-6	10	1500
7	Holyhead ...	999·8	-2	-	0	c.m	42	85	4	-	4	-	0	7-8	-
	Chester (Sealand)	1000·3	+6	NW	3	f	35	85	3	-	-	-	10	10	4150
8	Manchester ...	999·6	0	NW'W	2	f-	37	86	3	-	1	-	0	10	-
10	Spurn Head ...	998·6	-4	NW	2	f	36	95	2	5	-	-	10	10	4150
	Catterick ...	999·3	-4	-	0	c_3	36	85	6	5	1	-	4-6	10	2500
	Tynemouth ...	999·1	-4	S	2	orh	36	95	4	5	-	-	10	10	1500
11	Inchkeith ...	1000·6	-2	SW	3	om	34	95	4	5	-	-	10	10	800
	Leuchars ...	999·8	-2	WSW	1	om	33	95	4	5	-	-	10	10	800
12	Renfrew (Abbotsl.)	1000·2	-2	-	0	om	37	85	4	5	-	-	10	10	1500
	Eskdalemuir ...	998·8	-2	SW	1	c	40	65	6	5	-	-	9+	9+	4000
	Point of Ayre...	999·9	-2	N'W	2	o_3	42	75	6	-	3	-	9	9	-
13a	Tiree	998·0	+2	SSW	4	c	45	85	8	1	9	2	7+	7-8	2500
13b	Stornoway ...	996·0	0	SSW	5	r_o	45	95	7	5	7	-	7-8	9+	1500
15	Dalwhinnie ...	999·8	0	SW	2	c	34	95	7	4	6	-	2-3	9	2500
	Aberdeen ...	998·7	-6	SW	1	bz	41	75	6	-	-	-	0	0	-
	Wick ...	998·4	-4	SW	3	c	41	85	7	8	7	-	7-8	9+	1500
16	Lerwick ...	997·3	-8	SW	5	c	41	95	6	5	2	-	7-8	10	800
17	Blackpool Point	999·0	0	S	4	bc	48	75	8	2	-	-	4-6	4-6	2500
18	Malin Head ...	998·6	-2	S	2	c	48	85	7	5	-	6	2-3	7-8	2500
	Aldergrove ...	999·8	-2	SSW	2	c_o/F	41	95	5	-	7	-	0	7-8	-
19	Birr Castle ...	1000·7	-2	S	1	c	48	65	8	5	-	-	9+	9+	2500
20	Valentia Obsy.†	997·6	-10	SSE	4	c	50	75	8	6	7	-	7-8	7-8	1500
	Roches Point	1001·1	+2	ESE	2	bc	44	95	8	8	-	1	2-3	4-6	1500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	998·8	+6	NNW	1	$d_o d_o$	40	95	2	-	-	-	10	10	4150	1	*
	Croydon ...	998·3	+2	-	0	F	39	95	0	-	-	-	10	10	4150	1	*
	S. Farnborough	998·9	+8	-	0	dF	38	95	1	-	-	-	10	10	4150	1	*
	Boscombe Down	999·0	+6	NW	1	f-	37	95	3	5	-	-	10	10	220	1	*
	Calshot (Sthmtn.)	998·9	+6	WNW	3	f	40	95	2	-	-	-	10	10	4150	1	0
	Lympne ...	999·0	-2	SW'S	2	F	44	93	1	-	-	-	10	10	4150	1	2
	Manston ...	998·6	-2	SSW	2	o_3	44	95	5	5	-	-	10	10	450	1	*
2	Shoeburyness ...	998·5	-4	NW'N	1	F	42	95	1	-	-	-	10	10	4150	1	*
	Felixstowe ...																
	Gorleston ...	999·2	+2	-	0	f	40	95	2	-	-	-	10	10	4150	1	2
	Mildenhall ...	998·8	+4	NW'W	1	f	36	95	2	-	-	-	10	10	4150	1	*
	Cranwell ...	999·3	+2	-	0	f	34	95	2	-	-	-	10	10	4150	1	*
3	Birmingham ...	1000·0	0	NNW	3	cf	36	85	3	6	2	-	2-3	10	1500	4	*
	Upper Heyford	999·7	+6	N	1	f	35	95	2	-	2	-	10	10	220	1	*
4	Ross-on-Wye	1000·3	+4	W'S	1	cf	37	85	3	5	-	-	10	10	800	1	*
5	Portland Bill ...	999·8	+16	NNW	3	o	42	95	6	5	-	-	10	10	1500	1	3
	Plymouth ...	1000·8	+10	NW	2	cz	45	75	5	5	3	-	7-8	9+	1500	1	0
	The Lizard ...	1001·8	+12	NW'W	2	c	44	95	7	8	6	-	7-8	9+	2500	1	2
	Scilly (St. Mary's)	1001·5	+10	N'W	1	bc	45	85	7	8	-	-	2-3	2-3	2500	1	2
	Guernsey ...	1000·5	+12	WNW	2	id	46	95	5	5	-	-	10	10	1500	1	2
6	Pembroke ...	1000·7	+4	NNW	1	bc	42	95	6	5	4	6	2-3	4-6	2500	1	2
7	Holyhead ...	999·9	+6	WNW	2	bc	42	85	7	5	4	1	2-3	2-3	4000	1	2
	Chester (Sealand)	999·9	+2	-	0	f+	36	85	3	5	-	-	4-6	4-6	2500	4	*
8	Manchester ...	999·7	+2	WNW	1	f+	35	95	3	5	7	-	2-3	10	4000	0	*
10	Spurn Head ...	998·1	-4	NW	3	rF	36	95	1	5	-	-	10	10	4150	1	2
	Catterick ...	999·2	+6	-	0	cz	32	95	5	5	-	-	7-8	9+	2500	1	*
	Tynemouth ...	999·6	0	W	1	om	37	85	4	5	-	-	10	10	1500	1	1
11	Inchkeith ...	998·9	-6	SW	3	f	33	95	3	5	-	-	10	10	450	3	2
	Leuchars ...	998·0	-4	-	0	F+	32	95	1	-	-	-	10	10	4150	1	*
12	Renfrew (Abbotsl.)	999·5	0	-	0	cf	35	95	3	5	-	8	4-6	7-8	1500	1	*
	Eskdalemuir ...	999·2	+4	NNW	1	c	31	75	5	5	-	6	1	7-8	4000	4	*
	Point of Ayre...	999·6	-6	NW'W	1	cz	39	95	6	*	2	-	0	10	-	1	1
13a	Tiree	997·4	-2	S'W	3	c	42	95	7	5	9	8	2-3	7-8	2500	0	2
13b	Stornoway ...	994·8	-6	SSW	4	c_o/pr	44	85	7	8	7	-	7-8	9+	1500	1	2
15	Dalwhinnie ...	999·7	-6	S	1	bc	29	85	7	4	4	-	4-6	4-6	2500	4	*
	Aberdeen ...	998·4	-2	-	0	f	35	95	3	-	7	6	0	7-8	[illegible]	1	1
	Wick ...	996·3	-4	SSW	3	c	41	95	7	8	7	-	4-6	7-8	2500	1	2
16	Lerwick ...	996·1	-10	SSW	5	c	42	95	6	8	2	-	7-8	9+	800	1	*
17	Blackpool Point	998·3	-6	S	3	c	45	95	8	5	-	-	10	10	1500	0	3
18	Malin Head ...	998·4	+2	S	1	bc	43	95	7	5	-	-	2-3	2-3	2500	0	1
	Aldergrove ...	999·7	+2	SSE	2	oz	44	75	6	5	-	-	10	10	4000	1	*
19	Birr Castle ...	1000·2	-2	S	1	c	45	85	8	5	-	-	7-8	7-8	2500	1	*
20	Valentia Obsy.†	998·9	-6	SSE	4	c	47	85	9	8	3	-	4-6	7-8	1500	1	2
	Roches Point	1000·5	-2	SSW	3	c	46	95	8	6	-	-	7-8	7-8	1500	1	3

PAST 24 HOURS.

Weather. 7h.—13h. 15th. (37)	13h.—18h. 15th. (38)	18h.—1h. 15th/16th. (39)	1h.—7h. 16th. (40)
ff $F d_o d_o$	$o f d_o d_o f$	$c f d_o$	$c m_o$
$f f d_o d_o F$	$d_o d F e$	$o F d_o f$	$o f f f x$
$F d_o d F o$	$o d_o d_o F o$	$f d_o b m_o$	$b m x b$
$d_o F F$	$r_o F F$	$o r f c m$	$b F F$
$o d_o r F F$	$o d_o F f o$	$o F$ [illegible]	$b f f$
$d_o d_o f f$	$d_o F F$	[illegible]	$d_o f$
$o i d_o m$	$d_o f m o$	$o r m d F$	$i d_o f f$
r r f f o	F e F e	F f n r	4 4 x
o r d f f	o f f	$o r_o f f$	f f o
$c r_o m d f f$	$o f f d_o d_o i d$	$f d_o d_o$	o f x
o f x	$o f i r_o$	$f i d_o f$	$o f b f x$
c m f	c f	f c m	c m F
$o i d_o f e$	o i r f	c o f x	c o f x
o f	o f	$r_o o f c b f$	F F x
$o f f r_o$	$o z_o$	o	p b c
$c m_o r_o$	$c z_o$	$c z_o$	$c b c m_o x$
r r i f m	o c	c b c b	b b c c
$c i r_o c$	c b c	b c b w	b b c c
F i d o	o i d	$o d_o o m$	$o i n b c$
$p m_o i r_o c$	$c m_o b c$	b w	c f x F
$c m_o m$	c m b c	b c w m	b c w m
o f f	$o f f r_o c z$	b c f F F	F F
c f m	$c f m r_o f$	F F F	o F F
m f f	f f r	p r f f	f f
$o f o m c m$	$c m_o$	$c m_o b c$	b c x b
$o f f m^o$	o m	o m b c	b c
$c z i f z$	$o z i f f$	c f i f z	z i f f w
F F o m	b c f F e	c x F F	c x f e f e
o f f m	o b c m f f	b c o f F x	o f f F F x
$c z_o$	$c r_o$	$c m_o x$	$o f f k o$
o z c	c z o	c b c b	o b c
c	c	c	$c i d_o$
$c i r_o$	$c i r_o p r$	$p r_o b c$	b c c p r_o
c	c	*	b c b
c f b z_o	$z_o b c f$	b c f b m	c x
c	c	c	c
$c i r_o m_o$	$c m_o$	$c p r_o$	c p r
b c	c b c	b c	b c
c @	c b c	b c	b c c
c f b c c F	$b c m_o c$	$c m_o$	$c b c n$
c	c	c b c	b c x
$r_o o r_o b c c$	c b c c	c c c c	c c r r
f f e b c	$b c p_o c$	$c p r_o$	c b c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{10}$ of the sky.
"9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

† Sea disturbance reported from Dungeness.

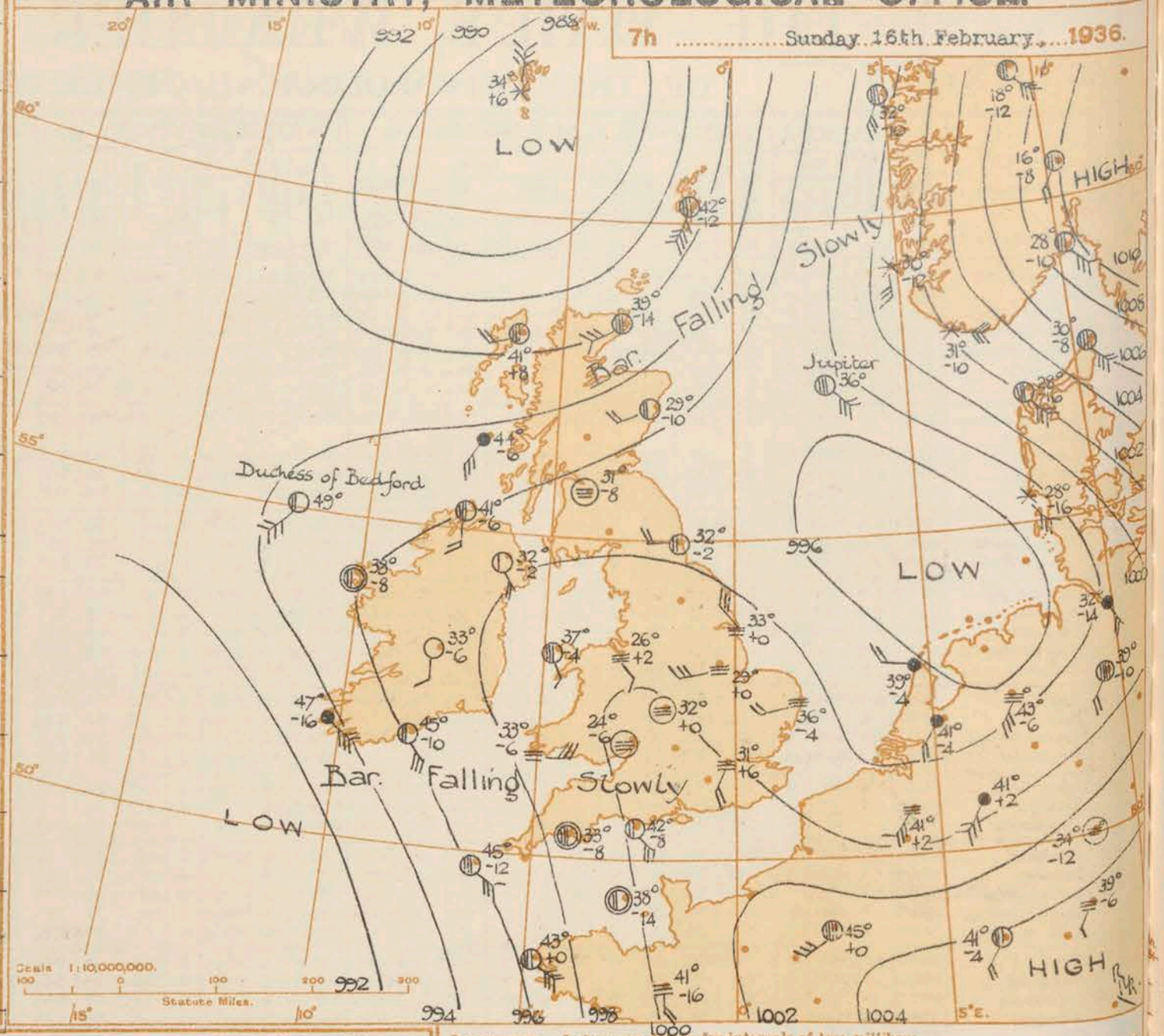
REPORTS from HEALTH RESORTS for Saturday 15th February 1936.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperatures. Min. 9h. 14th to 9h. 15th	Temperatures. Max. 9h.—17h. 15th	Rainfall. Night. 17h. 14th to 9h. 15th	Rainfall. Day. 9h.—17h. 15th	Sunshine. Sunrise to Sunset. 15th
1	Tunbridge W.	odo	omid	33	47	1	0·3	0·0
	Bournemouth	fd	df	36	42	1	1	0·0
	Ventnor ...	orm	ram	41	47	3	1	0·0
	Southsea ...	oFrm	o	37	48	4	0·6	0·0
	Bognor Regis	cofe	feoro	36	46	2	1	0·0
	Littlehampton	od	odof	36	47	2	2	0·0
	Worthing ...	odm	dm	36	47	1	2	0·0
	Brighton ...	or	ofd	38	46	4	1	0·0
	Eastbourne†	do	od	41	49	3	1	0·0
	Hastings† ...	odom	orm	41	46	2	0·5	0·0
	Folkestone ...	odfro	prdm	36	45	1	1	0·0
	Dover... ...	mdro	mdo	37	45	1	1	0·0
	Deal	oro	o	36	46	Trace	0·3	0·0
	Ramsgate ...	com	oem	39	45	1	Trace	0·0
	Margate ...	c	cdo	38	48	1	Trace	0·0
2	Southend ...	ofdof	ofofd	36	46	3	0·3	0·0
	Maldon ...	rFF	FFd	35	41	3	Trace	0·0
	Clacton-on-Sea	orof	ffe	36	42	5	0·4	0·0
	Dovercourt ...	rocf	focd	37	44	3	0·2	0·0
	Lowestoft ...	irofe	idof	36	42	7	0·4	0·0
	Skegness ...	ofof	ofro	33	39	0·6	Trace	0·0
	Mablethorpe	odmo	odmo	34	38	0·5	Trace	0·0
	Cleethorpes...	oef	o	33	38	0·1	-	0·0
3	Leamington S.	omd	om	25	37	-	0·2	0·0
4	Cheltenham†	omip	oipme	32	38	0·5	0·5	0·0
5	Bath	fdoc	cf	32	39	0·3	Trace	0·0
	Weymouth ...	dm	m	38	43	1	0·3	0·0
	Jersey ...	pczf	fc	38	47	1	0·3	0·0
	Torquay ...	orpcm	cmo	41	46	0·4	0·2	0·0
	Penzance ...	mfocc	ccbcc	43	48	1	Trace	1·5
	St. Ives ...	c	c	43	46	-	-	0·0
	Bude	maro	aro	39	48	Trace	1	0·0
	Ilfracombe ...	omoz	oz	39	45	-	-	0·0
6	Aberystwyth	mo	dcbc	38	45	-	Trace	0·6
7	Llandudno ...	cmo	cmoc	35	41	-	-	0·2
	Colwyn Bay...	amo	ocbc	34	43	-	-	0·1
	Rhyl	omo	ocmo	32	40	-	-	0·0
8	Wallasey ...	fm	mf	32	38	-	-	0·0
	Southport‖ ...	o	ocb	32	38	-	-	0·0
	Blackpool ...	c	c	34	39	-	-	0·0
	Morecambe ...	mcc	ccm	33	40	-	-	0·0
9	Ilkley... ...	o	o	29	40	-	-	0·0
	Harrogate ...	oc	c	30	36	Trace	-	0·0
10	Berwick-on-T.	o	o	32	38	Trace	-	0·0
11	Dunbar ...	cmo	of	32	36	-	-	0·0
12	Troon... ...	cfofc	cfcfe	33	44	3	-	0·0
	Douglas ...	cmmo	cbmo	34	46	1	-	3·6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Sunday 16th February, ...1936.



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 16th Feb, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands...	Light or moderate variable wind, becoming southeast; cloudy or dull; extensive fog persisting today in the east, clearing tomorrow; cold in foggy areas; temperature rising slowly elsewhere and becoming milder generally.
5 S.W. England 6 South Wales ...	Moderate to fresh southeast wind, veering later; cloudy; rain later; cold inland at first, temperature rising to average.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	As 1 - 4.
12 S.W. Scotland & Isle of Man.	Light southwest wind, backing and freshening; bright intervals; local fog, clearing later; rather cold, temperature rising slowly.
13 A. W. Scotld. B.N.W. Scotland.	Light or moderate southwest wind, backing; cloudy, occasional rain; average temperature.
14 Mid Scotland 15 N. E. Scotland	Light southwest wind, backing; mainly cloudy; local fog; cold; temperature rising slowly.
16 Orkneys and Shetlands	Moderate or fresh southwest wind; cloudy, occasional showers; average temperature.
17 N. W. Ireland 18 N. E. Ireland	Light or moderate south to southeast wind; cloudy; bright intervals locally; rain spreading from southwest
19 S. E. Ireland 20 S. W. Ireland	Moderate to fresh southeast wind, veering later; cloudy. rain at times today; bright intervals tomorrow; average temperature.

GENERAL INFERENCE.

Depressions between Shetland and Faeroes and over the North Sea are moving slowly eastward. A large deep depression on the Atlantic with an associated trough of low pressure are moving slowly northeast. Rain will spread northeast over Ireland and western districts of England and Wales. There will be extensive fog in England tending to clear in the west. Temperature is rather low generally and will rise slowly in all districts.

FURTHER OUTLOOK.

Unsettled; becoming slowly milder.

Forecasts issued at 1030 G.M.T.

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

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

Morning of

SUNDAY
16TH FEBRUARY.

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 16th February, 1936.

No 27114

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	999.1	-2	NW'W	1	f	36	95	3	5	-	-	10	10	450
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ..	346	999.1	+4	N	4	rf	36	96	2	-	-	-	10	10	4150
	Manston ...	142	998.5	0	WNW	3	dF	37	95	1	-	-	-	10	10	4150
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	998.6	-2	W	2	f-	37	95	3	-	-	-	10	10	4150
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1000.7	+4	NNW	3	o	42	95	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1001.2	-4	ENE	2	b	40	95	7	-	-	-	0	0	-
	Scilly (St.Mary's)	163	1000.5	-6	SE	3	b	43	86	7	-	-	-	0	0	-
	Guernsey ..	175	1001.6	+2	-	0	om	44	85	4	5	-	-	10	10	2500
6	Pembroke ...	142	1000.3	0	-	0	b	39	95	6	5	-	-	1	1	2500
7	Holyhead ...	26	999.7	-6	SSE	1	bc	37	95	5	5	-	-	2-3	2-3	4000
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	998.1	0	NW	3	F+	35	95	1	5	-	-	10	10	4150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	998.5	-6	W	2	bc	32	85	6	5	-	-	4-6	4-6	1500
11	Inchkeith ...	190	998.4	-4	SW	3	om	35	95	4	5	-	-	10	10	800
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	998.9	-4	WS	3	b	35	95	7	-	-	-	0	0	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	999.5	-8	SSW	4	bc	43	95	7	5	-	-	4-6	4-6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	994.5	-16	SSW	3	c	40	95	7	8	7	-	4-6	7-8	1500
16	Lerwick ...	156	994.0	-10	SSW	6	c/pr	41	85	6	8	2	-	7-8	10	800
17	Blacksod Point	18	997.4	-10	-	0	bc	45	85	8	4	-	-	2-3	2-3	1500
18	Malin Head ...	52	997.2	-4	S	1	bc	35	95	7	5	-	-	2-3	2-3	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	996.7	-6	SSE	4	bc	46	95	8	8	-	-	4-6	4-6	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
999.9	+4	W	1	cm	33	95	4	5	-	-	10	10	2500	4	*
1000.0	+6	SW'S	1	F+	31	95	1	-	-	-	10	10	4150	5	*
1000.3	+2	-	0	f	28	95	3	-	-	-	0	0	-	5	*
1000.4	-2	-	0	f	30	95	2	-	-	-	0	0	-	4	*
1000.5	-4	-	0	f	36	95	2	5	3	-	2-3	2-3	2500	1	1
1000.3	+2	NW'W	2	f+	35	95	2	-	-	-	10	10	4150	1	0
999.6	+6	W	2	f	35	95	2	-	-	-	10	10	4150	1	*
999.9	+4	-	0	f	34	95	3	-	-	-	10	10	4150	1	*
998.8	-4	W'S	2	f	36	95	3	-	-	-	10	10	4150	1	2
999.3	+2	W'S	2	f	31	95	3	-	-	-	10	10	4150	4	*
999.5	0	W'S	3	bf	25	95	2	-	-	-	0	0	-	4	*
1000.6	0	-	0	F	32	95	1	-	-	-	10	10	4150	4	*
1000.5	+4	-	0	f	30	95	3	0	2	-	10	10	220	4	*
1000.4	-6	-	0	F	24	95	1	-	-	-	10	10	4150	4	*
999.0	-8	ESE	3	bc	42	95	7	4	-	-	2-3	2-3	2500	1	2
999.3	-8	-	0	cz	33	95	6	5	3	Z	2-3	7-8	4150	1	0
997.6	-10	ESE	4	c	43	85	7	8	2	-	7-8	9+	2500	1	2
996.3	-12	SE'E	4	c	45	85	7	8	7	-	4-6	7-8	2500	1	3
1000.2	-14	-	0	bc	38	95	6	-	1	-	0	2-3	-	1	1
998.0	-6	E	3	F+	33	95	1	-	-	-	10	10	4150	1	2
998.5	-4	SSE	1	c	37	95	7	5	-	-	7-8	7-8	4000	1	1
999.7	+2	E'S	1	F	26	95	0	-	-	-	10	10	4150	4	*
999.5	-2	ESE	1	F+	33	95	1	-	-	-	10	10	4150	0	*
998.1	0	NW	3	cF	33	95	1	5	-	-	7-8	7-8	4150	4	2
998.5	-2	-	0	b	24	95	7	-	4	-	0	1	-	4	*
997.5	-2	W	2	bc	32	96	6	5	-	-	2-3	2-3	1500	4	1
997.3	-12	SW	2	c/f	34	95	1	5	-	-	10	10	220	1	1
996.4	-6	WSW	1	f	30	95	2	5	-	-	4-6	4-6	1500	4	*
997.7	-8	-	0	F	31	95	1	-	-	-	10	10	4150	4	*
999.1	-4	-	0	o	21	95	5	5	-	-	10	10	4150	4	*
998.5	-10	S'W	2	bc	35	95	8	4	7	-	1	2-3	4000	1	1
994.5	-6	SSW	3	w	44	95	7	5	2	-	7-8	9+	1500	1	*
991.9	+8	WSW	2	c/pr	41	95	8	5	7	-	4-6	9+	1500	1	2
996.0	-4	SW	2	c	37	85	7	-	2	-	4-6	10	2500	8	*
995.3	-10	W'S	1	bc	29	95	7	5	3	-	2-3	2-3	2500	4	2
991.8	-14	WSW	4	c	39	95	7	8	7	-	4-6	7-8	1500	1	2
990.4	-12	SSW	7	c/pr	42	95	6	8	4	-	7-8	10	800	1	*
996.0	-8	-	0	bc	38	95	9	2	3	-	4-6	4-6	1500	0	2
995.9	-6	S	2	c	41	95	8	5	-	6	2-3	7-8	2500	0	0
997.7	-2	SSE	2	b	32	95	7	5	-	-	1	1	1500	1	*
996.9	-6	S	1	bc	33	95	8	5	-	-	4-6	4-6	2500	1	*
992.8	-16	ESE	5	r	47	85	8	5	-	-	10	10	1500	1	3
996.0	-10	SSE	3	bc	45	35	8	5	-	-	2-3	4-6	1500	1	3

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 15th Hrs. (36)
1	London (Kew)	41	32	25	1	0.3	0.0
	Croydon ...	46	31	28	1	0.6	0.0
	S. Farnborough	40	27	22	2	0.2	0.0
	Boscombe Down	37	30	22	0.6	0.6	0.0
	Calshot (Sthmtn.)	44	36	33	1	0.4	0.0
	Lympne ..	44	35	34	0.5	2	0.0
	Manston ...	47	35	34	Tr	0.6	0.0
2	Shoeburyness ...	46	33	29	0.6	1	0.0
	Felixstowe ...						
	Gorleston ...	42	35	33	4	2	0.0
	Mildenhall ...	39	31	28	0.6	0.5	0.0
	Cranwell ...	35	28	27	0.3	Tr	0.0
3	Birmingham ...	39	31	22	Tr	-	0.0
	Upper Heyford	36	28	21	0.3	-	*
4	Ross-on-Wye	38	23	17	-	0.3	0.0
5	Portland Bill ...	44	37	*	Tr	-	*
	Plymouth ...	45	33	28	Tr	-	0.0
	The Lizard ...	46	39	*	1	-	*
	Scilly (St.Mary's)	50	42	*	0.4	-	5.0
	Guernsey ..	49	37	28	0.6	-	0.0
6	Pembroke ...	45	32	*	0.1	Tr	1.3
7	Holyhead ...	47	35	29	-	-	1.5
	Chester(Sealand)	40	25	20	Tr	-	0.0
8	Manchester ...	39	28	21	Tr	-	0.0
10	Spurn Head ...	37	32	*	1	1	0.0
	Catterick ...	37	24	15	-	-	0.0
	Tynemouth ...	33	30	28	-	-	0.0
11	Inchkeith ...	35	33	32	-	-	0.0
	Leuchars ...	33	29	25	-	-	0.0
12	Renfrew (Abbots I.)	39	27	24	-	-	0.0
	Eskdalemuir ...	41	19	13	-	-	1.7
	Point of Ayre...	44	33	*	-	-	3.3
13A	Tiree	47	40	39	-	1	2.6
13B	Stornoway ...	46	40	*	2	1	1.0
15	Dalwhinnie ...	39	27	20	-	-	1.5
	Aberdeen ...	43	25	20	-	-	3.5
	Wick ...	*	*	*	-	-	*
16	Lerwick ...	43	38	*	Tr	0.6	0.0
17	Blacksod Point	49	35	*	-	-	*
18	Malin Head ...	48	37	*	-	-	4.4
	Aldergrove ...	45	32	25	-	-	1.3
19	Birr Castle ...	51	32	23	-	-	3.8
20	Valentia Obsy.†	52	46	42	1	0.1	4.7
	Roches Point	44	44	*	0.1	0.1	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity. 15h. G.M.T. % (Yesterday)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew...	18	Fdo do	ofd df	ofd cmx	41	32	25	1	0.3	0.0	*	*	5
Croydon	217	ffdo do F	do d Fe	of3 Fx	46	31	28	1	0.6	0.0	*	*	3
Greenwich (Royal Observatory)...	149	Fdo do	ofd Df	ofd df	43	31	27	1	Tr		100	98	2
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	43	31	28	1		0.3	98	90	*
Regents Pk. (Botanic Gardens)†...	168	*	*	*	41	32	28	1	1	0.0	100	95	*
Camden Square	110	fo	frc	*	40	32	25	1	0.3	*	*	96	*
Kensington	80	c fmn	omfx	*	43	32	32	1	1		At 18h.		*
Hampstead Observatory	450	orf	orf	omdx	43	30	21	1	1	0.0	56	85	*
											*	97	*

FOREIGN OBSERVATIONS.

18h. G.M.T. 15th February. 7h. G.M.T. 16th February.

Stations	18h. Barom. mb.	18h. Wind. Direc.	18h. Wind. Force.	18h. Weather.	18h. Temp. °F.	7h. Barom. mb.	7h. Wind. Direc.	7h. Wind. Force.	7h. Weather.	7h. Temp. °F.
Paris	1001.8	S	2	s/r	50	1002.3	SW	3	o	45
Brussels	1002.2	S	3	df	41	998.3	SW	4	cf+	41
Berlin	1010.6	E'S	4	o	28	1003.7	SE	4	do dp	28
Zürich	1010.6	E	0	c	36					
Rome	1010.7	-	0	c	37	1009.7	ENE	2	0Zo	50

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
52	37	1	0.1
43	41	0.4	0.2
30	25	-	2
37	*	0.5	
*	*	-	-

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
4	10h 15h	6	8h 16th

Kew Observatory.

Max.	Time.	Min.	Time.
0.6	14h 15th	0.1	7h 16th

EXPLANATION or FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 —Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 17th February 1936.
No. 27115

District	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 16th February														OBSERVATIONS at 18h. G.M.T. 16th February														PAST 24 HOURS.			
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	°Temp. F.	%Humid.	Visibility 0–9	Cloud. Form. Low	Form. Med.	Form. High	Amount. Low 0–10	Amount. Total 0–10	Height of Base (feet)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	°Temp. F.	%Humid.	Visibility 0–9	Cloud. Form. Low.	Form. Med.	Form. High.	Amount Low 0–10	Amount Total 0–10	Height of Base (feet)	State of Ground. 0–9	Sea. 0–9	Weather. 7h.—13h. 16th	Weather. 13h.—18h. 16th	Weather. 18h. 16th to 1h.—7h. 17th	Weather. 1h.—7h. 17th
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(37)	(38)	(39)	(40)
1	London (Kew)	1000·6	-10	–	0	m	37	85	4	–	–	–	0	0	–	997·9	-4	ENE	2	F	34	95	1	–	–	–	10	10	<150	1	*	cmb	bmof	ffe	of
	Croydon ...	999·2	-10	–	0	bf	46	65	3	–	–	–	0	0	–	998·1	-2	NE'E	2	F	33	95	1	–	–	–	10	10	<150	1	*	oFcbf	bfFFe	ffr$_o$d$_o$	fr$_o$d m
	S. Farnborough	999·1	-14	NE'E	1	bc/f	41	85	4	–	–	4	0	2-3	–	997·7	-2	NNE	1	F	36	95	2	–	–	–	10	10	<150	1	*	xbfbcm	bcmcfo	oFFr	fmirk$_o$
	Boscombe Down	999·2	-14	E	2	m	40	85	4	–	–	2	0	4-6	–	996·5	-20	E	2	m	38	85	4	5	–	–	10	10	1500	1	*	FFbc	bccm	cmor	r$_o$FF
	Calshot (Sthmtn.)	999·5	-10	ENE	2	cf	40	95	2	5	–	–	9+	9+	1500	997·0	-14	ENE	3	F	41	95	2	–	–	–	10	10	<150	1	1	bffbcff	cffoff	otf	cr$_o$r$_o$z$_o$
	Lympne ...	1000·2	-8	–	0	m	41	75	4	5	3	–	2-3	2-3	4000	999·3	-2	E	3	cf	39	95	3	5	–	–	9+	9+	4000	1	§0	ffcbc	bcmcf	bccf	r$_o$ff
	Manston ...	1000·0	-2	NW	3	f-	35	95	2	–	–	–	10	10	<150	999·3	0	SW	1	F	33	95	1	–	–	–	10	10	<150	1	*	FFF	FFF	FFff	ffr$_o$r$_o$
2	Shoeburyness ...	1000·2	0	WNW	1	F	34	95	2	–	–	–	10	10	<150	999·7	-2	–	0	F	33	95	1	–	–	–	10	10	<150	1	*	FFF	FFF	Ff	frr
	Felixstowe ...																																		
	Gorleston ...	999·8	+6	WN	1	bc	42	75	5	5	–	–	4-6	4-6	2500	1000·2	+4	–	0	F	33	95	1	–	–	–	10	10	<150	1	1	offbcm	bcmoF	fbcz$_o$	cz$_o$z
	Mildenhall ...	1000·1	-2	S	1	F$_o$	32	95	1	–	–	–	10	10	<150	999·4	+2	E'S	1	F	31	95	1	–	–	–	10	10	<150	1	*	oFFc	oFF	od$_o$FF	oFF$_o$r$_o$
	Cranwell ...	999·7	-2	SWW	2	F	34	85	1	–	–	–	10	10	<150	999·7	+4	SE	2	F	31	95	0	–	–	–	10	10	<150	1	*	xF	FoF	oF	oFr
3	Birmingham ...	999·7	-6	SSE	1	bf	35	95	2	–	–	–	0	0	–	998·7	-8	ESE	2	F	32	95	0	–	–	–	10	10	<150	1	*	Fbf	bfF	Fbce	or$_o$r$_o$f
	Upper Heyford	999·8	-6	SSW	2	F	33	95	1	–	–	–	10	10	<150	998·4	-4	ENE	2	F	31	95	1	–	–	–	10	10	<150	1	*	oF	oF	Fem r$_o$	mr$_o$rrFe
4	Ross-on-Wye	998·4	-10	NE'E	2	m	40	75	4	–	–	6	0	7-8	–	996·8	-10	E	3	F	33	95	1	–	–	–	10	10	<150	1	*	Fxbfbcm	cmFF	Fofor	rrfF
5	Portland Bill ...	998·0	-14	E	4	0	43	95	6	5	–	–	10	10	1500	994·1	-30	E	4	0	44	95	6	5	–	–	10	10	1500	1	3	bco	oz$_o$	rr$_o$	obc
	Plymouth ...	996·2	-16	ENE	2	N$_o$	44	85	5	5	–	6	9+	9+	2500	992·4	-12	E	3	N$_o$	45	85	5	5	2	–	4-6	10	1500	1	1	cm$_o$	cm$_o$	cm$_o$rr	cm$_o$r$_o$bc
	The Lizard ...	993·5	-16	E	5	c	46	95	7	8	2	–	7-8	10	2500	990·0	-8	E	5	r$_o$r$_o$	45	95	6	5	2	–	9	10	1500	1	3	c	crrc	rrcbc	bcpr
	Scilly (St.Mary's)	992·1	-20	ESE	5	c	47	95	6	8	–	–	10	10	2500	989·2	-6	ESE	5	r$_o$s$_o$	46	95	6	6	2	–	9+	10	1500	1	3	c	cr$_o$s	r$_o$bcb	cp$_o$q$_o$p
	Guernsey ...	997·7	-22	ESE	3	o	42	95	6	5	–	–	10	10	800	993·6	-8	SE'E	3	r$_o$s$_o$	47	85	6	5	–	–	10	10	1500	1	2	bcFo	oid$_o$	ofrc	cbc
6	Pembroke ...	995·5	-18	SE	4	N$_o$	41	85	5	5	–	–	9	9	1500	992·7	-16	ESE	5	q	42	85	5	5	–	–	9+	9+	1500	1	3	Fem$_o$c	cqm$_o$	oqm$_o$r$_o$	$_o$qm$_o$c
7	Holyhead ...	997·6	-8	SSW	2	bc	46	65	8	–	–	6	0	4-6	–	994·7	-18	E'N	4	c	41	85	7	–	5	6	0	10	–	1	2	cbcm$_o$	bcc	cbcm$_o$	cir$_o$
	Chester(Sealand)	999·0	-6	SSE	3	N$_o$	43	75	5	–	–	2	0	2-3	–	997·2	-6	SE	1	cf	34	85	2	–	2	6	0	9	–	0	*	FFm	bcm$_o$	cff	coff r$_o$s
8	Manchester ...	999·4	-6	WSW	1	bf	36	95	2	–	–	–	0	0	–	997·9	+2	E'S	1	F	34	95	0	–	–	–	10	10	<150	1	*	oFbff	bfofe	oFcbm	bcmcr
10	Spurn Head ...	999·0	0	NW	1	cf	39	95	3	5	–	–	7-8	7-8	<150	998·5	-2	S'E	1	cF	36	95	1	5	–	–	7-8	7-8	<150	0	1	FF	FF	Ff	Ffo
	Catterick ...	998·3	-6	SSE	1	N$_o$	48	65	6	–	–	1	0	Tr	–	997·9	+6	S'E	1	bc	38	75	7	–	–	1	0	2-3	–	1	*	bxbcmbm$_o$	bm$_o$b	bbcmxcmx	cmxcmx
	Tynemouth ...	996·9	+4	W	2	bc	45	75	5	5	–	–	2-3	2-3	1500	997·8	+6	W	2	m	~~45~~ 39	~~75~~ 85	4	4	–	1	2-3	4-6	4000	1	1	bcffbc	bcm	bcmft	bcoft
11	Inchkeith ...	997·9	0	SW	2	m	40	95	4	5	–	3	4-6	7-8	800	997·0	0	SW	2	N$_o$	42	95	6	5	–	–	7-8	7-8	2500	0	1	fifz	zcz$_o$	bcz$_o$	bcz$_o$cw
12	Leuchars ...	996·3	-6	SW	2	~~f~~c	41	95	~~45~~	–	3	6	0	~~4-6~~ 3-4	–	996·5	0	W	2	m	36	95	4	5	1	1	4-6	7-8	2500	1	*	bcxfcm	bcmcn	bfefcx	~~bfff~~ cFFx
	Renfrew (Abbots I.)	997·2	-6	WSW	1	o/f	43	85	5	5	–	–	10	10	1500	996·9	-2	NW	1	N$_o$	38	95	5	5	3	8	7-8	9+	2500	1	*	ofcbcff	cz$_o$m$_o$	cm$_o$ff x	cffm x
	Eskdalemuir ...	998·3	-4	SSW	3	f	35	95	3	5	–	–	10	10	<150	998·3	+6	W	1	F	32	95	2	5	–	–	10	10	<150	4	*	offex	cbcof	ofefe	ofec
	Point of Ayre ...	998·2	0	SE'E	1	bc	48	75	8	9	–	–	4-6	4-6	1500	997·1	-4	S'E	3	F	38	85	1	5	–	–	10	10	450	1	1	bc	bcf	ffoc	cpr$_o$o
13a	Tiree	994·9	+2	SW	3	c	45	95	7	6	7	–	7-8	9+	220	994·9	0	S	2	c	43	95	7	5	7	–	4-6	9+	1500	1	2	cid$_o$	cir$_o$	c	c
13B	Stornoway ...	994·5	+12	NW	3	bc	43	75	8	7	7	4	2-3	4-6	2500	994·9	0	N	2	c	39	85	8	5	7	–	1	9+	2500	1	1	cpr$_o$bc	bcc	c	cid$_o$
15	Dalwhinnie ...	996·3	+2	S	1	c	38	95	7	4	2	–	4-6	10	2500	996·6	0	S	1	c	38	95	7	5	7	–	4-6	10	2500	1	*	c	c	c	c
	Aberdeen ...	995·0	0	NWN	1	bc/f	44	65	6	5	7	1	1	4-6	4000	996·3	+6	N'W	1	m	40	85	4	5	7	–	4-6	9+	4000	1	1	bxbcf	cz$_o$cz	cbfe	bfecm$_o$
	Wick ...	993·2	+10	NW	4	c	45	85	8	8	7	–	7-8	9+	1500	995·6	+14	NW	2	c	41	85	8	8	7	–	7-8	9	1500	1	2	cpr$_o$c	c	cpr$_o$	cpr$_o$c
16	Lerwick ...	990·5	+12	W	5	c	42	75	7	8	3	–	4-6	7-8	1500	994·5	+30	NW	3	c	37	85	8	8	7	–	7-8	9	1500	1	*	cir$_o$	cpr$_o$	cbc	ccorsrsrsm
17	Blacksod Point	995·1	-2	E	2	c	44	75	9	–	4	–	0	7-8	–	993·0	-6	E	3	c	44	75	8	–	7	–	0	9	–	0	2	bc	c	cbc	cbv
18	Malin Head ...	995·3	-4	S	3	c	49	85	8	5	–	6	2-3	7-8	2500	994·6	-2	S	2	c	43	95	7	5	–	–	9+	9+	2500	0	1	c ⊕	c	cbccz$_o$	cz$_o$z$_o$
	Aldergrove ...	997·0	-6	WSW	1	m	42	85	4	5	–	6	4-6	9	450	995·7	-4	ESE	3	N$_o$	40	85	6	5	2	8	1	10	4000	1	*	bom$_o$cm	cmfm$_o$	cm$_o$	cir$_o$
19	Birr Castle ...	996·0	-6	SSE	1	c	44	85	8	5	1	–	9	10	2500	993·9	-6	SSE	1	c	42	65	8	5	–	–	7-8	7-8	2500	1	*	bcc	c	c	crc
20	Valentia Obsy. †	990·6	-14	SE	5	ir$_o$	49	75	8	6	1	–	7-8	10	1500	988·4	-4	ESE	5	ir$_o$	47	75	8	6	2	–	4-6	9+	1500	1	3	ecir$_o$	cir$_o$	ir$_o$r$_o$f	cbc
	Roches Point	993·9	-4	SSE	4	c	46	75	8	5	–	8	2-3	7-8	1500	991·4	-10	SSE	4	rr	43	95	7	6	–	–	10	10	220	1	4	bcc	corr	cfrir	oirc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $_1/_{10}$ of the sky. "9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

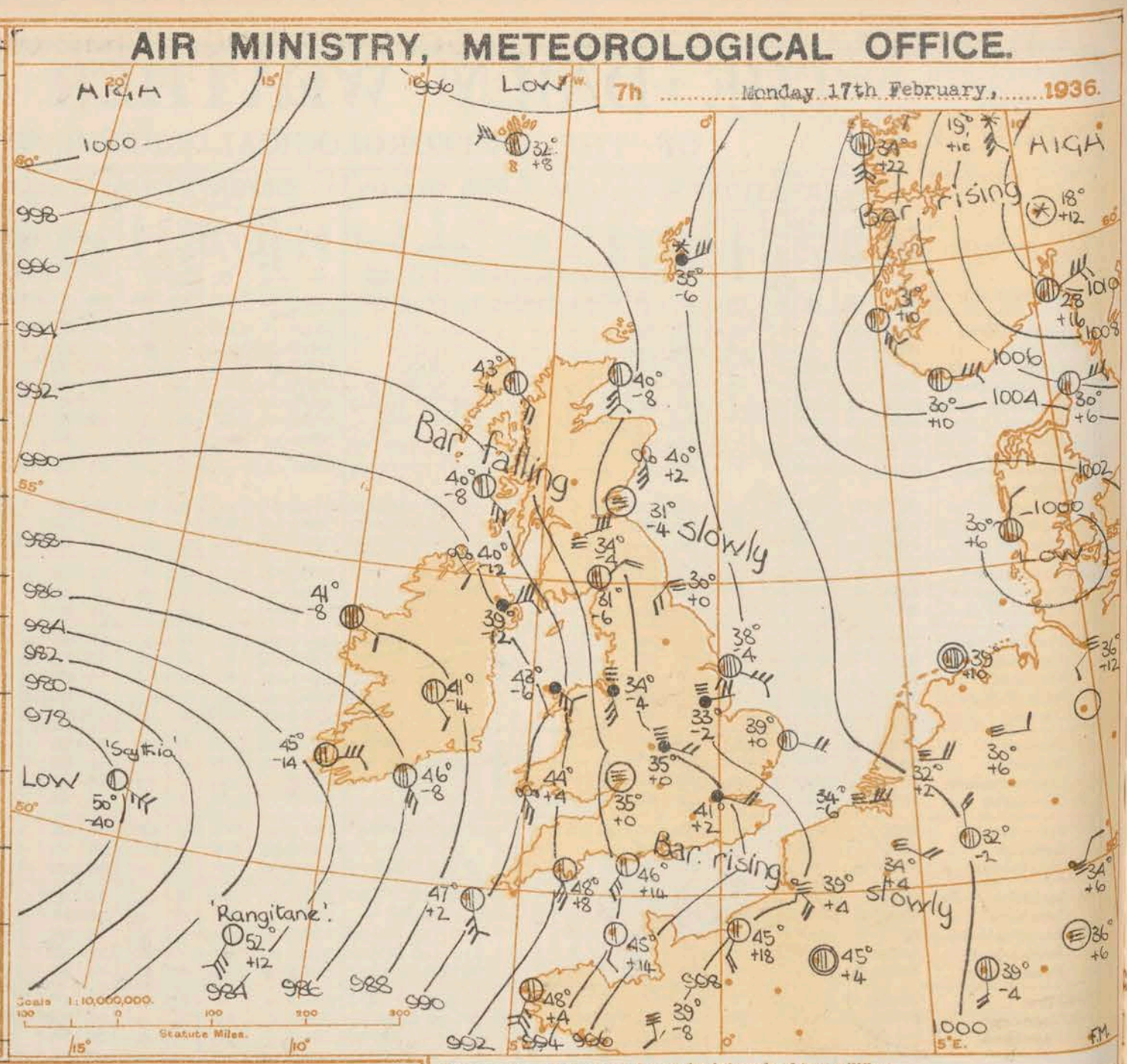
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for Sunday, 16th February, 1936.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 15th to 9h. 16th	Temperature. Max. 9h.—17h. 16th.	Rainfall. Night. 17h. 15th to 9h. 16th	Rainfall. Day. 9h.—17h. 16th	Sunshine. Sunrise to Sunset. 16th.
1	Tunbridge W.	ofcm	om	31	40	1	–	1·4
	Bournemouth	mlo	om	53	43	0·3	–	0·0
	Ventnor ...	roz	ocm	36	43	0·5	–	0·0
	Southsea ...	oo	oof	33	44	–	–	0·0
	Bognor Regis	bcbcc	ccoo	36	43	0·3	–	0·8
	Littlehampton	bcc	c	33	44	–	–	2·3
	Worthing ...	mbbc	cm	34	44	0·3	–	1·4
	Brighton ...	c	c	35	44	0·4	–	1·2
	Eastbourne†	fcof	f	36	44	0·6	–	0·5
	Hastings† ...	cfm	cmom	36	46	1	–	1·9
	Folkestone ...	ofc	cof	36	42	2	–	0·1
	Dover... ...	foc	fco	36	43	2	–	0·0
	Deal	f	f	35	40	1	–	0·0
	Ramsgate ...	of	of	34	38	0·2	–	0·0
	Margate ...	cf	cf	35	35	0·3	–	0·0
2	Southend ...	of	off	31	35	2	–	0·0
	Maldon ...	ff	FF	31	33	1	–	0·0
	Clacton-on-Sea	ofbcm	bcmf	32	36	0·5	–	0·0
	Dovercourt ...	fbc	bcf	32	38	–	–	2·0
	Lowestoft ...	irofc	bc	34	45	1	–	2·4
	Skegness ...	FF	FF	25	34	Trace	Trace	0·2
	Mablethorpe	bcbm	bcmFe	29	44	–	–	5·9
	Cleethorpes ...	bcxf	bcm	29	47	1	–	6·8
3	Leamington S.	om	om	26	35	–	–	0·0
4	Cheltenham†	xfbc	cof	25	36	–	–	1·2
5	Bath	fbbc	bccm	27	43	–	–	5·0
	Weymouth ...	c	o	32	44	–	–	0·1
	Jersey ...	fc	cr	39	48	0·5	0·2	0·0
	Torquay ...	fcm	cm	31	46	–	–	0·5
	Penzance ...	bcc	cr	35	48	–	0·2	0·0
	St. Ives ...	c	c	38	47	–	–	0·0
	Bude	cbc	c	30	47	–	–	1·1
	Ilfracombe ...	cbccz	bccoz	34	46	–	–	1·2
6	Aberystwyth	cbc	c	30	47	–	–	5·7
7	Llandudno ...	xb	bbc	33	50	–	–	6·6
	Colwyn Bay...	bbcb	bbbc	31	50	–	–	7·2
	Rhyl	xb	bbcz	28	50	–	–	6·4
8	Wallasey ...	fm	mbcf	30	42	–	–	2·0
	Southport‖ ...	fobc	bcof	28	43	–	–	2·3
	Blackpool ...	of	cbcof	29	42	–	–	2·1
	Morecambe ...	xfd	F fox	27	35	–	Trace	0·0
9	Ilkley... ...	c	bc	25	46	–	–	4·4
	Harrogate ...	b	b	30	50	–	–	8·0
10	Berwick-on-T.	bc	bc	27	46	–	–	6·2
11	Dunbar ...	bcmx	bc	30	46	–	–	6·3
12	Troon... ...	bbcbc	cbcc	32	46	–	–	5·3
	Douglas ...	cm	cboF	34	45	–	–	0·3

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



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 17th February, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Moderate southerly wind; bright intervals and occasional local showers; mild during day, local ground frost at night.
5 S.W. England 6 South Wales ...	Moderate southerly wind, freshening later; bright intervals and local showers at first, more general rain later; mild.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	As 1 - 4.
10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. / B.N.W. Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	Moderate southerly wind; dull with occasional rain and much fog at first, brighter intervals later; average temperature becoming milder. Moderate southeasterly wind; dull with occasional rain and local fog; average temperature.
17 N. W. Ireland 18 N. E. Ireland	Moderate to fresh southerly wind; bright intervals and occasional local showers; mild during day, local ground frost at night.
19 S. E. Ireland 20 S. W. Ireland	As 5 - 6.

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

GENERAL INFERENCE.

A deep depression off West Ireland is moving northeast slowly and a secondary depression to the northeast of the Azores is moving northeast more quickly. In the North weather will be dull at first with local fog but brighter intervals will occur later. In the South bright intervals and local showers will occur at first followed by rain spreading from the Southwest.

FURTHER OUTLOOK.

Rain probably spreading to all districts; mild.

Forecasts issued at 1030 G.M.T.

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

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

Morning of

MONDAY
17TH FEBRUARY.

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊛ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 17th February, 1936
No. 27115

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	996·3	-8	E'N	2	rf	34	96	3	5	-	-	10	10	450
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	997·9	-2	ESE	4	o/f	41	85	3	5	-	-	10	10	4000
	Manston ...	142	997·5	-4	E'N	3	of	40	95	3	5	-	-	10	10	<150
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	999·6	-8	ENE	2	bc	34	95	5	5	-	-	4·6	4·6	1500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	992·0	-6	SE	3	0	46	95	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	990·2	+16	SSW	4	bc	46	95	8	8	-	-	4·6	4·6	2500
	Scilly (St.Mary's)	163	988·7	+22	SSW	4	b	48	95	7	-	-	-	0	0	-
	Guernsey ..	175	993·5	+12	SW'S	3	c	46	95	6	8	-	-	9+	9+	2500
6	Pembroke ...	142	988·7	-12	ESE	6	ir	41	95	5	5	-	-	10	10	1500
7	Holyhead ...	26	992·5	-8	E	3	c	39	85	6	-	2	6	0	10	-
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	998·5	0	SSE	3	oF	33	95	-	5	-	-	10	10	<150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	997·5	-2	SW	1	bcf	34	95	3	5	-	-	4·6	4·6	1500
11	Inchkeith ...	190	998·0	+2	SE	2	bcz₀	37	95	6	6	-	-	2·3	2·3	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	994·6	-6	SE'S	5	bc	40	85	7	-	1	-	0	4·6	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	995·0	-2	ESE	2	c	42	85	7	5	2	-	4·6	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	996·9	+4	ESE	3	pr	41	95	8	5	2	-	9+	10	1500
16	Lerwick ...	156	999·0	+20	WNW	2	bc	34	75	8	5	2	-	2·3	4·6	1500
17	Blacksod Point	18	991·6	-6	E	4	bc	44	86	8	-	4	-	0	4·6	-
18	Malin Head ...	52	993·3	-4	S	1	bcz₀	38	95	6	5	-	-	4·6	4·6	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	987	-6	SE	3	c/r	44	95	7	5	-	-	9	9	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	Ses. 0–9 (30)
1	London (Kew)	995·5	0	E	2	of	39	95	3	3	5	-	10	10	800	1	*
	Croydon ...	995·6	+2	SE	2	id₀	41	95	5	5	-	-	10	10	800	1	*
	S. Farnborough	995·2	+2	-	0	df	41	95	2	5	-	-	10	10	450	1	*
	Boscombe Down	995·2	-12	SSE	2	of	41	95	2	5	-	-	10	10	<150	1	*
	Calshot (Sthmtn.)	995·0	-16	S'W	2	c	43	95	7	8	7	6	4·6	7·8	1500	1	2
	Lympne ...	997·3	+2	ESE	2	of	40	95	2	5	-	-	10	10	<150	1	§ 1
	Manston ...	996·9	-2	SE'E	1	rf	40	95	3	5	-	-	10	10	<150	1	*
2	Shoeburyness ...	997·0	0	ESE	2	DD	39	95	3	6	-	-	10	10	800	1	*
	Felixstowe ...																
	Gorleston ...	999·2	0	E'S	2	c	39	95	6	5	-	-	10	10	1500	1	2
	Mildenhall ...	997·1	-2	E'S	3	r₀r₀	38	95	4	-	2	-	10	10	450	1	*
	Cranwell ...	998·0	-2	E'N	2	rf	33	95	3	5	-	-	10	10	<150	1	*
3	Birmingham ...	995·7	0	ESE	2	rf	35	95	3	6	-	-	10	10	800	1	*
	Upper Heyford	995·4	+2	E'S	1	rf	37	95	1	5	-	-	10	10	<150	1	*
4	Ross-on-Wye	994·6	0	-	0	oF	35	95	1	5	-	-	10	10	<150	1	*
5	Portland Bill ...	994·1	+14	SW	3	bc	46	95	7	5	-	-	4·6	4·6	1500	2	2
	Plymouth ...	992·3	+8	S'E	3	bc	48	95	7	5	2	2	4·6	7·8	800	1	3
	The Lizard ...	991·5	+2	S'W	4	pr	48	95	7	8	-	-	9	9	1500	1	3
	Scilly (St.Mary's)	989·4	+2	S	4	c/pr	47	95	7	3	6	-	4·6	7·8	1500	1	3
	Guernsey ..	995·1	+14	SSW	1	bc	45	95	7	5	1	4	2·3	4·6	2500	1	2
6	Pembroke ...	989·2	+4	SSE	3	cz₀	44	95	6	8	-	-	9+	9+	1500	1	3
7	Holyhead ...	989·8	-6	SE'E	4	ir₀	43	85	6	6	2	-	4·6	10	1500	1	2
	Chester(Sealand)	994·5	-4	S'E	3	rf	34	95	2	5	-	-	10	10	<150	1	*
8	Manchester ...	995·1	0	SE'E	4	r₀r₀	36	95	4	-	2	-	10	10	1500	1	*
10	Spurn Head ...	997·8	-4	SE	4	o	38	95	7	5	-	-	10	10	1500	0	3
	Catterick ...	997·7	-4	S'E	2	om	31	95	4	5	-	-	10	10	~~1500~~	4	*
	Tynemouth ...	997·5	0	SW	2	of	30	95	3	5	-	-	10	10	1500	4	1
11	Inchkeith ...	996·5	-4	E	2	c	37	95	7	5	-	-	9+	9+	1500	1	2
	Leuchars ...	996·8	-4	-	0	of	31	95	3	5	-	-	10	10	1500	5	*
12	Renfrew (Abbots I.)	995·1	-4	E'N	3	cm	34	95	4	5	1	-	7-8	9	~~1500~~	7	*
	Eskdalemuir ...	995·6	-6	NE	2	c	31	85	6	5	-	-	9+	9+	1500	4	*
	Point of Ayre...	991·6	-8	SSE	6	o	39	85	7	8	-	-	10	10	1500	1	4
13A	Tiree	991·7	-8	SE'E	3	c	40	85	7	5	7	-	4·6	7·8	2500	0	-
13B	Stornoway ...	993·8	-4	SE	2	c/pr	43	95	8	8	7	-	4·6	9	1500	1	1
15	Dalwhinnie ...	995·6	-6	SE	2	c	35	85	7	4	2	-	4·6	10	2500	0	*
	Aberdeen ...	997·3	+2	S	3	~~c~~/r	40	95	5	6	-	7	Tr	10	1500	1	1
	Wick ...	996·1	-8	S	4	c	40	95	8	5	7	-	7-8	7-8	2500	1	2
16	Lerwick ...	998·2	-6	ENE	3	rs	35	95	6	6	-	-	10	10	800	1	*
17	Blacksod Point	988·9	-8	SE	1	c	41	95	7	-	2	-	0	10	-	0	2
18	Malin Head ...	989·8	-12	SE	1	cz₀	40	95	6	6	-	-	9+	9+	1500	0	2
	Aldergrove ...	990·2	-12	E'N	4	ir₀	39	95	4	5	-	-	9+	9+	1500	1	*
19	Birr Castle ...	987·6	-14	SSE	1	c	41	95	7	5	2	-	9	10	2500	1	*
20	Valentia Obsy. †	984·4	-14	E	4	bc	45	85	8	5	3	-	2-3	4-6	1500	1	3
	Roches Point	986·0	-8	SSE	3	c	46	95	7	6	-	-	9+	~~9+~~ 10	1500	1	4

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 16th Hrs. (36)
1	London (Kew)	38	33	33	Tr	2	2·3
	Croydon ...	46	33	32	Tr	1	2·4
	S. Farnborough	43	33	32	-	1	2·4
	Boscombe Down	41	35	34	-	4	3·2
	Calshot (Sthmtn.)	41	35	34	-	5	2·6
	Lympne ...	41	40	38	Tr	6	0·0
	Manston ...	42	35	32	-	2	0·9
2	Shoeburyness ...	37	32	29	-	3	0·0
	Felixstowe ...	34	33	33	-	3	0·0
	Gorleston ...	43	30	29	-	-	2·2
	Mildenhall ...	32	31	31	Tr	1	0·0
	Cranwell ...	35	28	29	-	1	0·0
3	Birmingham ...	35	29	29	Tr	3	0·0
	Upper Heyford	33	29	29	-	5	*
4	Ross-on-Wye	41	31	29	-	5	3·2
5	Portland Bill ...	45	43	*	-	3	*
	Plymouth ...	46	45	41	-	3	0·3
	The Lizard ...	47	44	*	1	4	*
	Scilly (St.Mary's)	47	46	*	1	5	0·0
	Guernsey ..	47	44	36	0·2	3	0·0
6	Pembroke ...	42	40	*	-	1	0·2
7	Holyhead ...	47	38	34	-	0·1	5·8
	Chester(Sealand)	45	31	27	-	1	3·5
8	Manchester ...	37	32	29	Tr	1	0·0
10	Spurn Head ...	41	31	*	-	-	7·1
	Catterick ...	49	27	20	-	-	6·8
	Tynemouth ...	45	30	28	-	-	6·0
11	Inchkeith ...	43	35	29	-	Tr	2·9
	Leuchars ...	44	29	26	Tr	Tr	4·5
12	Renfrew (Abbots I.)	43	29	24	-	-	0·0
	Eskdalemuir ...	38	25	22	0·1	Tr	0·0
	Point of Ayre...	49	33	*	-	Tr	5·0
13A	Tiree	46	39	38	1	-	0·0
13B	Stornoway ...	44	37	*	0·2	0·2	2·3
15	Dalwhinnie ...	40	26	25	-	-	0·8
	Aberdeen ...	48	31	25	-	Tr	1·9
	Wick ...	47	38	*	Tr	Tr	*
16	Lerwick ...	44	33	*	0·6	0·4	1·5
17	Blacksod Point	47	36	*	-	-	*
18	Malin Head ...	49	37	*	-	-	4·9
	Aldergrove ...	43	36	34	-	Tr	1·9
19	Birr Castle ...	45	39	36	-	0·2	1·0
20	Valentia Obsy. †	48	44	40	0·2	1	0·0
	Roches Point	46	43	*	2	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	cmb	bmof	Ffo	38	33	33	Tr	2	2·3	*	*	1
Croydon	217	ofcbF	bFFfe	ffrodm	46	33	32	Tr	1	2·4	*	*	4
Greenwich (Royal Observatory)...	149	ff	fFe	FeFerdf	41	32	31	Tr	1	0·0	96	97	3
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	41	32	31	2		0·0	93	98	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	41	32	31	0·5	1	0·0	95	95	*
Camden Square	110	ofct	cf	*	39	32	31	-	2	*	*	99	*
Kensington	80	of	of	*	37	33	32	-	2	0·0	At 18h. 92	97	*
Hampstead Observatory	450	of	of	ofr	36	29	26	Tr	2	0·0	*	94	*

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

South Kensington.

Max.	Time.	Min.	Time.
3·2	14h 16h	0·6	3-4h 17h.

Kew Observatory.

Max.	Time.	Min.	Time.
2·9	17h 16h.	0·6	10h 16h

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 16th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 17th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	998·9	-	0	cz₀	45	998·6	-	0	c/r	45
Brussels	1000·2	-	0	of	39	998·3	ESE	2	of	34
Berlin						1002·2	-	0	cf	36
Zürich						1040·4	-	0	cm	37
Rome	1009·3	SE	4	c	55	1008·5	SE	6	c	54

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
50	45	-	2
41	32	0·6	-
	34		2
	36		-
*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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METEOROLOGICAL OFFICE, AIR MINISTRY, ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2. 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 18th February, 1936.

No. 27116

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direct. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	%Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	996.9	0	SSW	3	z_o	48	85	6	5	–	–	9+	9+	1500
	Croydon ...	996.5	-4	S'E	3	z_o	52	75	6	1	–	–	7-8	7-8	2500
	S. Farnborough	996.6	0	S'E	2	c	49	95	6	8	–	–	7-8	7-8	1500
	Boscombe Down	995.7	-2	S'E	4	z_o	49	95	6	5	–	–	7-8	7-8	800
	Calshot (Sthmtn.)	996.5	+2	S'W	3	bc	50	85	7	8	3	–	4-6	4-6	1500
	Lympne ...	998.5	+2	SSW	2	z_o	47	95	6	5	3	–	7-8	9	1500
	Manston ...	998.0	+2	E	2	m	45	96	4	5	–	–	9+	9+	1500
2	Shoeburyness ...	997.9	0	S'E	2	bc	47	95	6	7	1	–	4-6	4-6	4000
	Felixstowe ...														
	Gorleston ...	999.2	-2	SE'E	3	$r_o r_o$	39	95	6	6	–	–	10	10	800
	Mildenhall ...	997.3	-2	ESE	3	m	41	95	4	6	–	–	10	10	450
	Cranwell ...	997.5	-2	ESE	3	dF	37	95	1	–	–	–	10	10	<150
3	Birmingham ...	995.8	+2	SSE	2	f	41	95	3	–	–	–	10	10	<150
	Upper Heyford	996.5	0	S	3	z_o	44	95	5	5	–	–	10	10	800
4	Ross-on-Wye	994.3	-4	S'W	2	z_o	49	85	5	7	–	1	7-8	7-8	4000
5	Portland Bill ...	994.3	+10	S	3	c	48	95	7	4	–	2	4-6	7-8	2500
	Plymouth ...	992.8	-4	SSE	3	c	50	95	7	5	–	8	7-8	9+	1500
	The Lizard ...	990.7	-10	SE'S	4	c	48	95	6	5	1	–	9	10	1500
	Scilly (St.Mary's)	989.1	+8	SSW	5	c	50	95	6	5	–	–	10	10	1500
	Guernsey ...	995.7	-4	SSE	3	o	46	95	6	5	–	–	10	10	800
6	Pembroke ...	989.8	0	S'E	4	bc	47	95	6	5	4	–	2-3	4-6	2500
7	Holyhead ...	990.5	+2	SSE	4	r_o	49	75	7	6	–	–	9+	9+	1500
	Chester(Sealand)	994.1	-6	SSE	3	f	39	95	2	–	–	–	10	10	<150
8	Manchester ...	994.9	-6	SE'E	2	of	41	95	3	5	–	–	10	10	800
10	Spurn Head ...	997.2	-2	SSE	4	m	38	95	4	5	–	–	10	10	800
	Catterick ...	996.5	-10	SE'S	1	$d_o d_o$	36	95	4	–	2	–	10	10	800
	Tynemouth ...	996.5	-12	SE	4	ir_o	40	85	7	6	–	–	10	10	1500
11	Inchkeith ...	994.4	-10	SE	3	c	38	85	6	5	–	–	9+	9+	1500
12	Leuchars ...	995.2	-18	ESE	4	ir_o	39	85	6	5	2	–	7-8	10	2500
	Renfrew (Abbots I.)	993.0	-14	E'N	2	of	38	85	3	5	–	–	10	10	800
	Eskdalemuir ...	994.1	-10	SE	2	$r_o r_o$	36	85	6	6	–	–	10	10	1500
	Point of Ayre...	992.0	-4	S	6	z_o	41	95	5	8	–	–	10	10	1500
13A	Tiree	989.8	-14	ESE	4	z_o	50	85	6	5	2	–	7-8	10	2500
13B	Stornoway ...	991.8	-8	SSE	2	c	43	75	7	5	7	–	4-6	9+	1500
15	Dalwhinnie ...	994.6	0	SW	2	is	35	85	5	6	–	–	10	10	2500
	Aberdeen ...	996.8	-6	SSE	4	id_o	40	85	6	6	2	–	9	10	1500
	Wick ...	994.6	-10	S	6	z_o	42	85	6	5	1	–	4-6	7-8	800
16	Lerwick ...	996.3	-6	S	7	c	41	85	6	5	2	–	7-8	10	1500
17	Blacksod Point	987.5	-4	E	3	c	43	85	6	–	7	–	0	10	–
18	Malin Head ...	987.1	-18	E	3	ir_o	42	95	6	6	–	–	10	10	800
	Aldergrove ...	988.8	+2	SE	2	$r_o r_o$	45	95	6	6	2	–	10	10	450
19	Birr Castle ...	986.3	-8	SSE	1	ir	49	95	8	6	1	–	7-8	9+	2500
20	Valentia Obsy. †	984.5	+6	S	4	c	53	85	8	8	7	1	7-8	9	1500
	Roches Point	986.6	+8	S	3	c	49	95	7	5	3	8	2-3	7-8	1500

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direct. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	996.8	0	SE	1	z_o	47	95	6	5	–	–	10	10	1500	1	*
	Croydon ...	996.8	-2	S'E	2	z_o	47	85	5	5	–	–	9+	9+	1500	1	*
	S. Farnborough	996.3	-2	SSE	2	z_o	45	95	5	5	7	–	2-3	9+	1500	1	*
	Boscombe Down	995.1	-2	SE	4	z_o	45	95	6	5	–	–	10	10	450	1	*
	Calshot (Sthmtn.)	995.9	-2	SE	3	c	44	95	7	5	2	–	2-3	10	1500	1	2
	Lympne ...	998.9	-4	SE'E	1	z_o	42	95	5	–	–	6	0	7-8	–	1	§ 1
	Manston ...	998.5	+2	SE'E	2	o/f	43	95	4	5	–	–	10	10	800	1	* 6
2	Shoeburyness ...	998.1	+2	S	2	bc	43	95	7	4	1	–	2-3	2-3	4000	1	*
	Felixstowe ...																
	Gorleston ...	998.8	-2	SE	2	f	40	95	3	5	–	–	10	10	800	1	2
	Mildenhall ...	997.5	-2	SE'E	3	F	42	95	1	–	–	–	10	10	<150	1	*
	Cranwell ...	997.3	0	SE'E	3	F	38	95	1	–	–	–	10	10	<150	1	*
3	Birmingham ...	995.2	0	SE	3	c	45	95	5	5	7	–	7-8	9+	2500	1	*
	Upper Heyford	995.9	+2	SE	3	z_o	44	95	6	5	2	–	7-8	10	1500	1	*
4	Ross-on-Wye	993.8	-6	S	3	c	47	85	6	6	1	–	4-6	10	2500	1	*
5	Portland Bill ...	992.8	-10	SE	4	c	47	95	7	4	–	–	10	10	2500	1	3
	Plymouth ...	993.1	-18	SE'E	4	$r_o r_o$	48	95	6	6	2	–	9	10	800	1	3
	The Lizard ...	986.2	-28	SE	8	rr	45	95	6	5	–	–	10	10	1500	1	4
	Scilly (St.Mary's)	982.8	-20	ESE	7	rr	45	95	6	6	–	–	10	10	1500	1	4
	Guernsey ...	993.6	-12	SE'S	4	rr	47	95	6	5	–	–	10	10	1500	1	3
6	Pembroke ...	988.3	-6	SE'S	5	cq	46	95	6	5	2	–	4-6	10	1500	1	3
7	Holyhead ...	990.1	+2	SSE	3	c	45	85	7	7	–	7	2-3	10	1500	1	2
	Chester(Sealand)	993.4	+2	SE'S	2	f	41	95	2	–	–	–	10	10	<150	1	*
8	Manchester ...	994.2	-2	ESE	3	of	41	95	3	5	–	–	10	10	2500	1	*
10	Spurn Head ...	996.9	-2	S'E	3	F	38	95	1	5	–	–	10	10	<150	1	2
	Catterick ...	995.7	-4	SSE	3	F	36	95	1	–	–	–	10	10	<150	1	*
	Tynemouth ...	995.3	0	SSE	3	o/r	40	95	5	6	–	–	10	10	1500	1	2
11	Inchkeith ...	992.9	-8	ESE	4	c	39	85	6	5	3	–	7-8	7-8	1500	0	3
12	Leuchars ...	993.6	-8	ESE	4	c	40	85	6	5	7	–	4-6	9	2500	1	*
	Renfrew (Abbots I.)	991.9	-10	E	3	ir_o	40	85	4	6	–	–	10	10	800	1	*
	Eskdalemuir ...	993.3	-4	SE'S	2	c	38	85	6	5	–	–	10	10	1500	4	*
	Point of Ayre...	991.0	-4	S	4	z_o	42	95	5	8	–	–	10	10	800	1	2
13A	Tiree	987.6	-14	SE	5	c/r	43	95	5	5	2	–	7-8	10	1500	1	3
13B	Stornoway ...	989.6	-6	ENE	2	c/d	40	95	6	5	7	–	7-8	10	1500	1	1
15	Dalwhinnie ...	992.4	+8	SW	2	m	34	95	4	–	–	–	0	0	–	1	*
	Aberdeen ...	995.8	-4	SSE	4	c/r	39	95	6	6	2	–	7-8	10	1500	1	3
	Wick ...	993.4	-6	S	8	rr	40	85	7	6	2	–	7-8	10	800	1	4
16	Lerwick ...	996.5	-4	S	7	ir_o	40	85	6	9	2	–	7-8	10	800	1	*
17	Blacksod Point	986.6	-4	–	0	rr	44	95	7	6	–	–	10	10	800	1	2
18	Malin Head ...	985.9	-12	SSE	3	c/r	46	95	7	6	–	–	9+	9+	1500	0	2
	Aldergrove ...	987.5	-2	SE'E	4	c/r	46	95	7	6	7	–	7-8	10	1500	1	*
19	Birr Castle ...	986.3	+4	SSE	1	c	48	85	8	5	–	–	7-8	7-8	2500	1	*
20	Valentia Obsy. †	982.8	-16	E'S	3	c	50	75	8	5	5	1	1	9	1500	1	2
	Roches Point	984.8	-10	SSE	3	c	48	95	6	6	–	–	9+	9+	1500	1	4

PAST 24 HOURS.

Weather. 7h.—12h. 17th. (37)	Weather. 12h.—18h. 17th (38)	Weather. 18h. 17th—1h. 18th (39)	Weather. 1h.—7h. 18th (40)
cd/fc	cm_o	$cm_o r_o$	$cm_o rr$
$oi d_o m$	$bc z_o m_o$	$cw r_o r$	$crr Rm_o$
$d F_o cm$	$cp r_o m_o$	$cm_o r_o Ro$	$RR m_o o$
FFc	cm_o	crr	crr
$ei_o bcb$	$bc cm_o c$	$cc r RR$	$crr d_o r_o$
$ff cm_o$	$cbc cm_o$	$fbc c r_o$	$orr m_o$
$off cm$	$cm_o bcc f$	$fb_o cm_o$	$orr m_o$
$f bc m_o$	$cm_o bc$	bcc	$cR rq$
$oi rm_o$	$or_o ff$	$bc com_o$	arrq
$or_o r_o mo$	$om_o F$	$ro FF$	$bc_o cm r_o$
$Fr_o r_o d_o dF$	$of id_o Fc$	$o Fa$	Rrrr
ofc	fbcc	carr	arr
$r Fed_o c$	$cj pm_o$	$c r_o r R$	$Rrr r_o r_o$
$Fec fam$	bcc	$cm_o orq$	$rrq id_o$
bc	c	oR	rrc
bcc	$cr_o m_o$	$cr_o arrm_o$	$arrm cr_o$
$pr_o cm$	crrq	orrq	$rr pr$
cbcc	$cr_o rr$	$vd_o d_o d$	$id_o p_o$
bcoif	oddr	$arr_o v$	$arr ir$
$cm_o ir bc$	$cm_o qc$	$cqm_o rc$	$cqm_o rc$
$cpr_o c$	$cpr_o rc$	$cr_o r_o$	$rr Rc$
$r_o omff$	off	$of fm$	$crr m_o$
$cr_o od f$	$off bcmdf$	$of m$	$arr m_o$
$oprdm$	$pr_o ff$	$F fw$	$F frr$
$ofs_o mdd$	$oF d_o F$	$Fd_o of$	crr
$off ir_o$	oir_o	o	$oi frrq$
c	c	cbc	bccir
exfoir	$cir cm_o$	$cm_o ir_o$	$cm_o or_o$
$or_o s r c f$	$fom r_o r_o$	$m_o rr cm_o$	$cm_o rr_o$
$is_o r_o$	crc	cir	cerr
$r_o rz_o$	zrrz	prz	orrR
cz_o	$mi rr$	cir	cir
c	$cr_o r_o$	crrc	$cr_o r_o$
eis	$is fir p$	*	irf
$cm_o d_o$	$cr_o r_o$	$r, d_o or$	$ir am_o$
$cm_o m$	$cm_o rr$	crr	$crr m_o$
$or_o m_o c$	$cir_o m_o$	$coir_o m$	$cir_o m_o$
c	ir_o	prc	prc
$oz_o z_o$	$air_o cir_o$	$cir_o c$	cir
$cr_o dr_o r_o$	$cr_o ri_o r_o$	cbcc	ccrrm
cir	circ	cir	cir
cpqc	cbcc	$ir_o r_o r_o$	$r, r_o rt$
oirc	ccz_o	arr	rrdfdf

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{10}$ of the sky. "9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

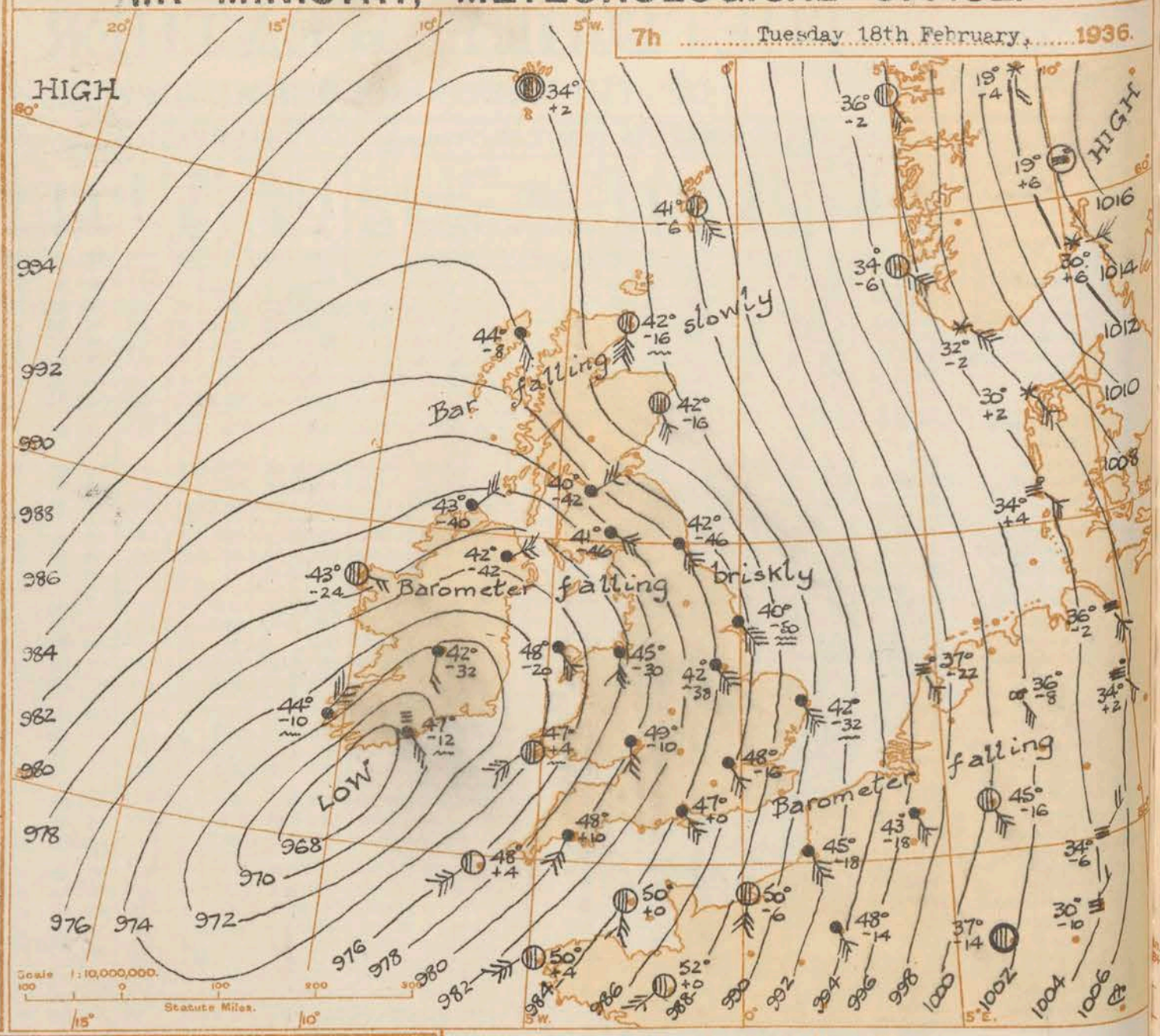
REPORTS from HEALTH RESORTS for 17th February, 1936.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 16th to 9h. 17th	Temperature. Max. 9h.—17h. 17th.	Rainfall. Night. 17h. 16th to 9h. 17th	Rainfall. Day. 9h.—17h. 17th	Sunshine. Sunrise to Sunset. 17th.
1	Tunbridge W.	omcbc	bccoc	31	52	1	–	1·7
	Bournemouth	bcbc	o	33	50	6	–	2·8
	Ventnor ...	rmbcb	bcmo	42	52	6	–	4·0
	Southsea ...	bcb	bcfo	38	52	9	–	3·8
	Bognor Regis	bcbc	bcmc	37	48	8	–	4·5
	Littlehampton	bc	bcfc	35	48	6	–	4·4
	Worthing ...	cbc	bcc	34	49	5	–	3·2
	Brighton ...	cb	bc	37	48	5	–	1·7
	Eastbourne†	oc	c	41	48	3	–	1·0
	Hastings† ...	ococ	cbcc	41	49	3	–	0·5
	Folkestone ...	ofc	cbc	37	49	3	–	0·7
	Dover ...	moc	mc	37	45	3	–	0·0
	Deal ...	fo	cbco	34	50	2	–	0·8
	Ramsgate ...	ocm	cbcm	34	46	3	–	1·3
	Margate ...	cm	bc	33	50	3	–	1·5
2	Southend ...	ofd$_0$	cfbcb	32	51	3	Trace	1·1
	Maldon ...	rmo	bcc	32	49	2	–	1·8
	Clacton-on-Sea	omrm	cbcm	32	43	4	0·5	1·6
	Dovercourt ...	roc	rofbc	28	42	4	0·2	0·5
	Lowestoft ...	fcod$_0$	irom	27	41	0·2	1	0·0
	Skegness ...	orr	o$_0$p$_0$	29	39	1	1	0·0
	Mablethorpe	orld$_0$	elm$_0$m	27	39	1	0·5	0·0
	Cleethorpes ...	or$_0$z	oirm	26	39	0·4	1	0·0
3	Leamington S.	ofe	bcio	30	50	3	–	1·8
4	Cheltenham†	ompc	bcc	31	50	3	Trace	2·4
5	Bath	cp$_0$bc	cp$_0$bc	27	52	3	Trace	1·1
	Weymouth ...	b	c	39	(47) 52	5	–	4·7
	Jersey ...	pbcf	c	41	48	3	Trace	0·7
	Torquay ...	bcdp	ojp	33	49	3	Trace	0·4 1·3
	Penzance ...	rbcc	ccrr	45	51	7	1	0·6
	St. Ives ...	c	c	42	52	8	–	0·7
	Bude	cbc	c	35	54	1	–	2·6
	Ilfracombe ...	pocp	cpo	35	54	0·5	2	0·0
6	Aberystwyth	cbc	bbc	40	53	–	–	4·3
7	Llandudno ...	bc	cpcbc	38	49	1	Trace	4·0
	Colwyn Bay...	bbc	bcbcc	34	51	–	–	5·9
	Rhyl	z$_0$bbc	bcz$_0$	32	48	Trace	–	4·9
8	Wallasey ...	rfm	mf	32	44	1	Trace	0·0
	Southport‖ ...	o	o	31	43	0·6	–	0·0
	Blackpool ...	oro	o	31	43	1	–	0·0
	Morecambe ...	mcbcb	bcbco	30	45	Trace	–	3·0
9	Ilkley	osod$_0$	od$_0$of	27	37	1	1	0·0
	Harrogate ...	sof	of	29	37	1	1	0·0
10	Berwick-on-T.	o	od$_0$o	30	40	–	Trace	0·0
11	Dunbar ..	cm$_0$	cm$_0$	34	41	–	–	0·2
12	Troon... ...	cocc	cbcc	34	43	–	–	0·0
	Douglas ...	oirm$_0$	oirm$_0$	36	44	0·3	1	0·2

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Tuesday 18th February, ... 1936.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 18th Feb, 1936.
1 S.E. England ▼	Wind south to southwest, moderate to fresh; mainly cloudy, occasional rain; very mild.
2 E. England ...	Wind southeast veering southwest, fresh or strong: cloudy, occasional rain; becoming very mild.
3 E. Midlands ...	
4 W. Midlands ...	As 1.
5 S.W. England ▼	Wind southerly, fresh or strong, gale locally, veering to west or northwest tomorrow; cloudy, with occasional rain at first, bright intervals later; very mild, becoming cooler.
6 South Wales ▼	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	As 1.
10 N.E. England	Wind east to northeast, veering southwest later, moderate to fresh; continuous rain at first, mainly cloudy later; becoming very mild.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 A. W. Scotld. / B.N.W.Scotland.	Wind east to northeast, moderate to fresh; a period of rain tonight; average temperature, becoming somewhat milder.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	As 10 - 12
18 N. E. Ireland	
19 S. E. Ireland ▼	Wind northeasterly, fresh or strong; cloudy, occasional rain; average temperature.
20 S. W. Ireland	

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

GENERAL INFERENCE.

A deep depression off Southwest Ireland is moving north-north-east. In the South and East of the country weather will be very mild with occasional rain. Similar conditions will prevail in the West at first but cooler weather is expected later. In the North a period of rain will be followed by mainly cloudy weather.

FURTHER OUTLOOK.

West to northwest winds and cooler condtions expected in all districts.

Times of Issue of Gale Warnings.

▼ South Cone hoisted at 1800 on 17th in districts 1 part of, 5.6. 9

Forecasts issued at 1020 G.M.T.

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

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

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

Morning of
Tuesday
18th February
1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 18th February, 1936.

No. 27116

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

District	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	Temp. °F.	% Hufnid.	Visibility. 0–9	Cloud. Form. Low	Cloud. Form. Med.	Cloud. Form. High	Cloud. Amount. Low 0–10	Cloud. Amount. Total 0–10	Height of Base. (feet)
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	991·0	-30	SE	5	ir	46	85	8	5	2	-	7-8	10	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	994·9	-22	SE	5	ir	44	95	6	5	2	-	9	10	1500
	Manston ...	142	994·7	-22	SE'E	6	ir$_o$	44	95	7	5	2	-	4-6	10	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	996·7	-20	SE'E	4	oz	40	95	5	5	-	-	10	10	1500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	983·7	-40	SSE	6	RR	45	95	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	976·6	-4	S'E	7	r.r$_o$	50	95	6	5	-	-	10	10	1500
	Scilly (St.Mary's)	163	974·5	-2	SSW	6	c/d	50	95	7	5	-	-	7-8	7-8	1500
	Guernsey ..	175	984·7	-26	S'E	6	c/r	48	95	6	5	-	-	10	10	1500
6	Pembroke ...	142	977·0	-48	SE'E	7	rr	44	95	6	6	-	-	10	10	1500
7	Holyhead ...	26	983·0	-42	ENE	5	r.r$_o$	44	95	7	6	2	-	7-8	10	1500
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	993·6	-20	SE	5	aF	38	95	0	5	-	-	10	10	4150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	992·6	-12	SSE	3	o	41	95	6	6	-	-	10	10	1500
11	Inchkeith ...	190	991·6	-6	SE	2	bc	40	95	7	5	-	-	4-6	4-6	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	988·0	-20	SE'S	5	cz	43	95	5	8	-	-	10	10	800
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	986·8	-10	SSE	3	c	43	85	7	5	2	-	7-8	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	990·7	-12	S	8	rr	41	95	7	6	2	-	7-8	10	800
16	Lerwick ...	156	994·9	-4	S	8	ir	39	95	6	6	-	-	10	10	800
17	Blacksod Point	18	985·9	-14	-	0	b	41	95	8	-	-	-	0	0	-
18	Malin Head ...	52	995·1	-2	SSE	1	c	44	95	7	5	1	-	2-3	7-8	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	977·6	-34	NE'E	6	ir	45	95	7	9	-	-	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	Temp. °F.	Humid. %	Visibility 0–9	Cloud. Form. Low.	Cloud. Form. Med.	Cloud. Form. High	Cloud. Amount Low 0–10	Cloud. Amount Total 0–10	Height of Base (feet)	State of Ground. 0–9	Sea. 0–9
		(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	London (Kew)	986·0	-14	S	4	cz	47	95	6	6	2	-	7-8	10	800	1	*
	Croydon ...	985·4	-16	SE	4	r.r$_o$	48	85	5	6	2	-	9	10	1500	1	*
	S. Farnborough	984·0	-6	S	4	r.r$_o$	47	95	6	-	2	-	10	10	450	2	*
	Boscombe Down	982·0	-8	S	5	rr	48	95	6	6	2	-	10	10	1500	1	*
	Calshot (Sthmtn.)	984·1	0	SE	5	d.d$_o$	47	95	6	6	2	-	9	10	800	1	3
	Lympne ...	988·7	-26	SSE	5	r.r$_o$	45	95	5	6	2	-	9+	10	220	1	4
	Manston ...	988·5	-28	SE	5	rr	44	95	6	6	2	-	9+	10	800	1	*
2	Shoeburyness ...	987·7	-24	S'E	6	c/r	45	95	8	6	2	-	9	10	800	1	*
	Felixstowe ...																
	Gorleston ...																
	Mildenhall ...	989·9	-32	SE	6	rr	42	95	6	6	-	-	10	10	800	1	4
	Cranwell ...	985·8	-28	SE	5	r.r$_o$	45	95	6	6	-	-	10	10	450	1	*
		984·1	-38	SE	6	rr	42	95	6	6	2	-	10	10	800	1	*
3	Birmingham ...	981·0	-18	SSE	4	c/r	45	95	7	6	-	-	10	10	800	1	*
	Upper Heyford	982·4	-20	SE	4	r.r$_o$	46	95	6	6	2	-	9+	10	450	1	*
4	Ross-on-Wye	979·8	-10	S'W	4	id$_o$	49	95	7	6	-	-	9+	9+	2500	1	*
5	Portland Bill ...	981·9	-10	SSW	4	c	48	95	7	4	-	-	9	9	2500	2	5
	Plymouth ...	980·0	+10	SW'S	5	ir	55	85	8	5	-	-	7-8	7-8	1500	1	3
	The Lizard ...	978·9	+8	SSW	6	c ip	47	95	7	8	2	-	9	10	1500	1	4
	Scilly (St.Mary's)	974·8	+4	SW'S	6	bs/pr	48	95	7	3	-	-	2-3	2-3	1500	1	4
	Guernsey ..	983·8	0	S'W	4	c/r	50	95	7	5	-	-	7-8	7-8	2500	2	4
6	Pembroke ...	973·9	+4	SSW	5	c/r	47	85	7	8	2	-	9	10	1500	1	4
7	Holyhead ...	974·3	-20	SSE	4	d.d$_o$	48	95	7	5	2	-	7-8	10	800	1	3
	Chester(Sealand)	977·6	-30	S	4	r.r$_o$	45	95	6	?	?	-	10	10	1500	1	*
8	Manchester ...	979·0	-30	SSE	4	r.r$_o$	45	95	6	6	2	-	4-6	10	1500	2	*
10	Spurn Head ...	984·3	-50	SE	7	rr	40	95	6	6	-	-	10	10	1500	1	6
	Catterick ...	982·4	-54	SE'E	4	rr	42	95	6	5	-	-	10	10	1500	1	*
	Tynemouth ...	984·6	-46	SE	5	rr	42	95	6	6	-	-	10	10	1500	1	3
11	Inchkeith ...	988·0	-28	NE	3	ir$_o$	40	95	7	6	-	-	10	10	1500	1	2
	Leuchars ...	986·8	-30	E.SE	4	r.r$_o$	41	95	6	6	-	-	10	10	800	1	*
12	Renfrew (Abbotsl.)	983·9	-42	ENE	4	r.r$_o$	40	95	5	5	-	-	10	10	800	1	*
	Eskdalemuir ...	981·7	-46	E'E	5	rr	41	85	6	6	2	-	7-8	10	800	1	*
	Point of Ayre...	976·7	-42	SE	6	RR	42	95	7	6	-	-	10	10	800	2	3
13A	Tiree	982·0	-20	E'N	3	c	43	95	6	5	2	-	4-6	9+	1500	1	x
13B	Stornoway ...	985·2	-8	SSE	3	r.r$_o$	44	95	6	5	2	-	7-8	10	1500	1	2
15	Dalwhinnie ...	988·0	-20	SE	2	f-	37	95	7	4	2	-	7-8	10	1500	1	*
	Aberdeen ...	989·4	-16	SSE	4	o	42	95	6	6	-	-	10	10	800	1	3
	Wick ...	988·7	-16	S	8	c	42	95	6	5	2	-	7-8	10	800	1	4
16	Lerwick ...	992·8	-6	SSE	6	c/r	41	95	7	8	2	-	7-8	10	800	1	*
17	Blacksod Point	979·6	-24	E	2	c	43	95	7	5	-	-	10	10	800	1	3
18	Malin Head ...	978·5	-40	NE'E	4	rr	43	95	6	6	2	-	7-8	10	800	1	2
	Aldergrove ...	976·8	-42	E'N	5	r.r$_o$	42	95	6	6	2	-	9+	10	800	1	*
19	Birr Castle ...	972·0	-32	S	1	ir	42	95	7	6	2	-	9	10	2500	1	*
20	Valentia Obsy. †	973·0	-10	N'E	6	rr	44	95	7	6	-	-	10	10	1500	1	4
	Roches Point	968·3	-12	SSE	3	df	47	95	3	5	-	-	10	10	4150	1	4

PAST 24 HOURS.

District	Stations.	Temperature. Max. Day 7h–18h °F.	Temperature. Min. Night 18h–7h °F	Temperature. Min. on Grass °F.	Rainfall. Day 7h–18h mm.	Rainfall. Night 18h–7h mm.	Sunshine 17th Hrs.
		(31)	(32)	(33)	(34)	(35)	(36)
1	London (Kew)	51	45	35	Tr	8	1·1
	Croydon ...	52	44	38	0·1	18	1·7
	S. Farnborough	53	43	36	Tr	18	1·3
	Boscombe Down	49	43	43	0·1	18	0·7
	Calshot (Sthmtn.)	51	42	41	0·3	13	4·9
	Lympne ...	50	42	34	Tr	14	0·8
	Manston ...	51	42	39	0·5	14	1·7
2	Shoeburyness ...	51	38	36	0·2	9	1·8
	Felixstowe ...						
	Gorleston ...						
	Mildenhall ...	40	37	36	1	3	0·0
	Cranwell ...	44	38	37	2	7	0·0
		39	36	35	2	12	0·0
3	Birmingham ...	46	41	39	-	19	0·9
	Upper Heyford	49	41	39	0·1	10	*
4	Ross-on-Wye	52	46	43	0·1	22	2·2
5	Portland Bill ...	48	45	*	-	19	*
	Plymouth ...	51	45	43	Tr	22	1·2
	The Lizard ...	50	44	*	3	10	*
	Scilly (St.Mary's)	52	47	*	4	4	0·3
	Guernsey ..	50	45	43	1	12	3·4
6	Pembroke ...	47	43	*	2	8	1·8
7	Holyhead ...	50	43	40	1	10	2·5
	Chester(Sealand)	43	41	36	0·1	8	0·0
8	Manchester ...	44	40	37	0·6	7	0·0
10	Spurn Head ...	39	36	*	1	8	0·0
	Catterick ...	36	35	34	2	8	0·0
	Tynemouth ...	40	39	38	0·1	3	0·0
11	Inchkeith ...	41	38	34	-	Tr	0·1
	Leuchars ...	40	38	36	1	0·4	0·5
12	Renfrew (Abbotsl.)	40	38	36	1	3	0·0
	Eskdalemuir ...	39	37	35	0·1	4	0·0
	Point of Ayre...	42	41	x	2	6	0·0
13A	Tiree	43	41	41	1	1	0·0
13B	Stornoway ...	44	39	*	0·6	4	0·0
15	Dalwhinnie ...	39	32	31	1	2	0·6
	Aberdeen ...	41	39	38	1	5	0·0
	Wick ...	43	39	*	1	0·5	*
16	Lerwick ...	42	37	*	5	2	0·0
17	Blacksod Point	48	40	*	2	2	*
18	Malin Head ...	46	41	*	0·5	3	0·0
	Aldergrove ...	46	41	40	1	6	0·0
19	Birr Castle ...	52	42	41	1	6	1·2
20	Valentia Obsy. †	54	43	40	0·3	7	2·7
	Roches Point	50	45	*	3	11	*

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	cd$_o$fc	cm$_m$	cm$_o$rr	51	45	35	Tr	8	1·4	•	•	6
Croydon	217	ord$_o$m	bc z$_o$cm	cwr$_o$r$_m$	52	44	38	0·1	18	1·7	•	•	6
Greenwich (Royal Observatory)	149	cfc	c	rd$_o$fcbcd	53	41	35	-	9	1·2	80	95	6
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	0·4	•	•	•
Westminster (St. James' Park)	27	•	•	•	50	41	37			1·0	73	91	•
Regents Pk. (Botanic Gardens)‡	168	•	•	•	51	41	41	-	8	0·2	79	92	•
Camden Square	110	fec	c	•	50	39	34	-	8	•	•	91	•
Kensington	80	cm	caid	•	51	44	33	Tr	7	0·5	At 18h. 82	92	•
Hampstead Observatory	450	of	o	or	48	37	32	-	8	0·1	•	99	•

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 17th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 18th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1000·6	SSE	3	cz$_o$	50	994·2	SSE	4	ir$_o$	48
Brussels						995·3	SSE	4	r.r$_o$	43
Berlin	1005·5	ESE	1	om	37	1009·3	E'S	2	f+	34
Zürich	1007·0	SW	-	r	43	1006·8	NNW	3	f	37
Rome	1004·9	SW	9	bc	54	1010·9	-	0	cz	46

Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
55	46	-	0·6
	41		0·6
39	34	Tr	-
46	36	Tr	2
x	x	4	-

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
2·0	9-10h 17th	<0·3	3-4h 18th

Kew Observatory. Max.	Time.	Min.	Time.
1·6	10h 17th	<0·1	2-6h 18th

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 ,,
2 Fog	550 ,,
3 Moderate fog	1,100 ,,
4 Mist or haze	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 19th February, 1936.

No. 27117

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

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)	984·7	0	SSW	4	c/pr	53	85	6	5	3	-	7-8	9	2500
	Croydon ...	985·1	-2	S'W	4	ir$_o$	51	85	6	9	7	-	4-6	9+	1500
	S. Farnborough	984·8	+2	S'W	4	pr$_o$	50	95	6	9	-	-	9+	9+	800
	Boscombe Down	983·2	+2	SSW	6	c/pr	50	85	8	5	-	-	9+	9+	800
	Calshot (Sthmtn.)	985·1	+10	S	4	c/pr	49	95	7	8	3	-	4-6	7-8	1500
	Lympne ...	988·3	-2	S'E	4	ir	47	85	6	6	2	-	7-8	10	800
	Manston ...	988·1	-6	SSE	5	c	49	85	7	5	2	-	9	10	800
2	Shoeburyness ...	986·9	-4	S'E	4	c	49	95	7	5	2	-	4-6	10	1500
	Felixstowe ...														
	Gorleston ...	987·5	-6	SE'S	5	c	43	95	6	5	-	-	10	10	2500
	Mildenhall ...	985·2	-6	SE	4	c	51	85	7	5	2	-	9	10	800
	Cranwell ...	983·6	-6	SE'S	3	z$_o$	47	95	5	5	2	-	9+	10	450
3	Birmingham ...	981·1	+2	S	4	c	49	75	7	6	-	-	7-8	7-8	1500
	Upper Heyford	982·8	0	S	4	c/r	51	85	7	8	-	-	7-8	7-8	800
4	Ross-on-Wye	980·4	-4	S	4	c/pr	51	85	8	9	-	3	7-8	7-8	4000
5	Portland Bill ...	983·7	+4	SSW	4	bc	49	95	7	4	-	-	4-6	4-6	2500
	Plymouth ...	981·1	+6	S'W	6	c	51	85	7	5	3	1	7-8	9	1500
	The Lizard ...	979·9	+4	SSW	7	pr$_o$	50	85	8	8	7	-	4-6	7-8	2500
	Scilly (St. Mary's)	978·2	+6	SW'W	7	c jp	49	95	8	9	6	3	4-6	9+	1500
	Guernsey ...	985·9	+14	SW'S	3	c	52	85	7	5	1	-	4-6	7-8	2500
6	Pembroke ...	972·7	-10	S'W	7	c/pr	47	95	6	8	2	-	7-8	10	1500
7	Holyhead ...	974·4	-6	SSE	5	c/d	49	85	8	5	-	-	9+	9+	1500
	Chester (Sealand)	978·2	-4	S'E	4	c	51	75	7	5	-	-	9	9	2500
8	Manchester ...	979·4	+2	S'W	5	bc	53	75	7	7	4	1	2-3	4-6	2500
10	Spurn Head ...	983·1	-4	SSE	4	pr$_o$	41	95	6	5	2	-	7-8	10	1500
	Catterick ...	979·8	-8	S'E	2	z$_o$	45	95	5	5	2	-	9+	10	800
	Tynemouth ...	980·1	-8	SE	3	z$_o$	43	95	6	6	-	-	10	10	1500
11	Inchkeith ...	977·0	-30	E	2	c	44	85	8	5	-	-	7-8	7-8	2500
	Leuchars ...	978·8	-28	E	4	r$_o$r$_o$	42	95	6	6	-	-	10	10	450
12	Renfrew (Abbots I.)	977·6	-22	ENE	3	o/f	42	95	4	6	-	-	10	10	1500
	Eskdalemuir ...	977·5	-10	S	2	c	43	95	6	5	-	-	10	10	450
	Point of Ayre ...	976·1	-8	SW'S	2	pr$_o$	45	95	7	8	-	-	10	10	800
13A	Tiree	975·6	-34	NE	4	ir	42	95	7	5	2	-	9+	10	1500
13B	Stornoway ...	981·0	-24	E	5	r$_o$r$_o$	43	95	6	5	2	-	4-6	10	1500
15	Dalwhinnie ...	979·2	-40	SE	5	ir$_o$	40	95	7	4	2	-	4-6	10	2500
	Aberdeen ...	981·1	-50	SE	5	rr	43	95	6	6	-	-	10	10	800
	Wick ...	984·7	-38	SE	8	rr	42	95	6	6	2	-	7-8	10	800
16	Lerwick ...	992·1	-8	SSE	6	c/r	41	95	6	6	2	-	7-8	10	800
17	Blacksod Point	976·6	-8	NW	4	dr	44	95	7	6	-	-	10	10	450
18	Malin Head ...	972·8	-28	NE'E	4	dd	43	95	6	6	2	-	9	10	800
	Aldergrove ...	972·3	-10	SE	4	id$_o$	42	95	7	6	2	-	9	10	800
19	Birr Castle ...	970·1	-6	S	1	ir	43	95	7	6	-	-	9	9	2500
20	Valentia Obsy. †	976·6	+24	NW	5	pr$_o$	47	85	7	6	-	-	10	10	1500
	Roches Point	970·2	+16	NNW	5	rr	43	95	8	6	-	-	10	10	1500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	986·6	+16	SSW	4	bc	49	75	8	8	-	5	1	2-3	1500	1	*
	Croydon ...	986·8	+14	SSW	4	z$_o$	49	75	6	9	4	8	4-6	7-8	2500	1	*
	S. Farnborough	986·1	+14	SSW	5	bc	49	85	8	2	-	3	2-3	4-6	2500	2	*
	Boscombe Down	983·9	+10	SSW	6	c/pr	49	85	7	6	3	-	9	9	1500	1	*
	Calshot (Sthmtn.)	986·8	+16	S'W	5	bc	47	85	7	8	4	-	2-3	2-3	2500	1	3
	Lympne ...	989·5	+10	S'W	4	c/pr	46	95	7	8	6	1	7-8	7-8	2500	1	§4
	Manston ...	988·9	+12	S'W	4	bc	49	85	8	8	1	-	4-6	4-6	1500	1	*
2	Shoeburyness ...	988·0	+8	S	3	ir	47	95	7	8	-	-	9	9	1500	1	*
	Felixstowe ...																
	Gorleston ...	988·1	+10	SSW	5	bc	46	95	6	9	-	-	4-6	4-6	2500	1	4
	Mildenhall ...	985·7	+18	SSE	3	bc	49	85	7	5	2	-	2-3	2-3	800	1	*
	Cranwell ...	983·0	+2	SSE	4	bc	47	85	8	8	-	1	2-3	4-6	2500	1	*
3	Birmingham ...	979·9	-8	S	5	c/pr	48	75	8	9	-	-	9+	9+	1500	1	*
	Upper Heyford	983·5	+10	S	5	c	49	85	7	5	-	-	9+	9+	800	1	*
4	Ross-on-Wye	980·6	+4	SW'S	5	c/pr	47	85	7	6	7	-	9	9+	2500	1	*
5	Portland Bill ...	984·6	+10	SW	6	c	48	95	7	5	-	-	10	10	2500	2	5
	Plymouth ...	983·8	+28	SW'W	6	c	48	85	7	8	-	1	9	9+	1500	1	5
	The Lizard ...	984·9	+32	SW'W	5	c	47	85	8	8	6	-	4-6	7-8	2500	1	3
	Scilly (St. Mary's)	983·5	+40	W'S	5	bc	48	85	8	5	-	3	1	2-3	2500	1	3
	Guernsey ...	983·1	+18	SW	5	c	50	85	8	7	1	-	4-6	7-8	2500	1	4
6	Pembroke ...	977·2	+40	W'S	6	ir$_o$	45	85	7	8	2	-	7-8	10	1500	1	4
7	Holyhead ...	979·9	-18	SSW	5	o/r	46	95	7	6	-	-	10	10	800	1	3
	Chester (Sealand)	975·8	-12	S	4	ir	47	85	6	9	-	-	9	9	1500	1	*
8	Manchester ...	977·0	-10	S'W	5	ir	49	85	6	6	-	-	10	10	1500	1	*
10	Spurn Head ...	981·9	-8	SSE	5	bc	42	95	6	3	7	-	2-3	4-6	1500	1	4
	Catterick ...	978·2	-10	SSE	3	z$_o$	45	95	6	5	7	-	9	9+	1500	1	*
	Tynemouth ...	978·9	-4	SSE	3	c	45	95	6	9	-	-	9	9	1500	1	3
11	Inchkeith ...	976·7	-4	E	3	c	43	85	6	5	6	-	4-6	7-8	2500	0	2
	Leuchars ...	977·5	-2	SE	3	c	43	95	6	4	7	-	7-8	9+	1500	1	*
12	Renfrew (Abbots I.)	975·4	-8	E	2	rf	46	85	3	6	-	-	10	10	1500	1	*
	Eskdalemuir ...	976·0	-10	ESE	2	c/pr	42	95	6	4	2	-	2-3	9+	800	1	*
	Point of Ayre ...	972·7	-20	SSE	5	rr	45	95	7	8	-	-	10	10	800	1	2
13A	Tiree	972·3	-16	ESE	3	c	45	95	6	5	7	-	9	10	1500	1	3
13B	Stornoway ...	975·5	-16	ESE	3	c	44	85	8	5	2	-	7-8	9+	1500	1	2
15	Dalwhinnie ...	979·3	-4	NE	1	ir$_o$	40	95	7	9	6	-	7-8	9+	2500	1	*
	Aberdeen ...	979·4	+2	SSE	3	m	44	95	4	6	-	-	10	10	800	1	3
	Wick ...	978·3	-6	SSE	6	c	43	95	6	6	2	-	7-8	10	800	1	4
16	Lerwick ...	988·0	-26	SE	8	rr	40	95	6	6	-	-	10	10	800	1	*
17	Blacksod Point	976·4	+4	NW	4	c	44	95	7	5	-	-	10	10	450	1	3
18	Malin Head ...	972·8	-8	SE'S	3	c/d	45	95	7	6	2	-	7-8	9+	1500	1	2
	Aldergrove ...	970·6	-2	ESE	3	ir$_o$	45	85	7	4	7	-	4-6	9+	800	1	*
19	Birr Castle ...	974·0	+34	N'W	2	c/r	41	95	7	6	2	-	9	10	2500	1	*
20	Valentia Obsy. †	981·1	+30	NW	4	c	46	75	8	5	-	-	10	10	1500	1	4
	Roches Point	979·0	+44	NNW	3	bc	47	75	8	5	4	-	4-6	4-6	1500	1	4

PAST 24 HOURS.

District	Stations. (For heights see p. 4.)	Weather. 7h.—13h. 18th (37)	Weather. 13h.—18h. 18th (38)	Weather. 18h. 18th to 1h. 19th (39)	Weather. 1h.—7h. 19th (40)
1	London (Kew)	cd$_o$pr$_o$	cpr$_o$bcb	bc	cm$_o$r$_o$
	Croydon ...	r$_o$Dpr$_o$	cpr$_o$r$_o$bc	cpr$_o$r$_o$	cir$_o$d$_o$
	S. Farnborough	or$_o$cPpr$_o$	pr$_o$cbc	bcb	bod$_o$d$_o$
	Boscombe Down	cpr$_o$	pr$_o$	cpr$_o$b	bor$_o$m$_o$
	Calshot (Sthmtn.)	cd$_o$rRRm$_o$	bcb-bc	bcb	bccpr
	Lympne ...	cr$_o$c	cirpr$_o$c	b,c	cpr$_o$
	Manston ...	qqid$_o$c	rebc	bcpr$_o$	bccpr
2	Shoeburyness ...	ir$_o$cq	c	cir$_o$b	b,c
	Felixstowe ...				
	Gorleston ...	orcq	cir$_o$q	bbcq	bcc
	Mildenhall ...	cr$_o$d$_o$r$_o$c	cr$_o$pr$_o$bc	bbccm$_o$	bccd$_o$d$_o$
	Cranwell ...	crrd$_o$	cm$_o$bc	bcpr$_o$	bc
3	Birmingham ...	cbc	bcc	cpr	cbcc
	Upper Heyford	cr$_o$	cpr$_o$c	cq$_o$b,c	c,b,cr,f
4	Ross-on-Wye	cbcc	bcqcqp$_o$p	cq$_o$p$_o$cc	cc
5	Portland Bill ...	cbc	bcc	bbc	bcorr
	Plymouth ...	cm$_o$d$_o$c	cpr$_o$bcc	cbbc	bcprcrm$_o$
	The Lizard ...	cprq	pr$_o$c	cpr$_o$	bcpr$_o$c
	Scilly (St. Mary's)	bccp$_o$	cp$_o$bc	bcbw	bccp$_o$
	Guernsey ...	cr$_o$c	cbcc	bcoird$_o$	d$_o$or$_o$
6	Pembroke ...	cqm$_o$prc	cqrm$_o$r$_o$c	bcq	ciro
7	Holyhead ...	id$_o$c	id$_o$rrc	r$_o$c	cb,c
	Chester (Sealand)	cr$_o$bcm$_o$	cPrcir	cir$_o$	cbcm$_o$
8	Manchester ...	cr$_o$m$_o$bc	bccor	oircm$_o$	cbcbm$_o$
10	Spurn Head ...	rprc	pr$_o$c	cbc	bcw
	Catterick ...	rr$_o$r$_o$om$_o$	cm$_o$qpr$_o$	cmprr$_o$	cmbcm
	Tynemouth ...	orro	oc	cpoq	obc
11	Inchkeith ...	ir$_o$c	c	cir$_o$c	c
	Leuchars ...	orrr$_o$r$_o$	cir$_o$cm$_o$	cir$_o$cr	cm$_o$cir$_o$
12	Renfrew (Abbots I.)	r$_o$rrcfm$_o$	cmir$_o$m$_o$	cfm$_o$r$_o$rr	cm$_o$r$_o$r$_o$
	Eskdalemuir ...	circ	cpRc	ccrr	ircm$_o$
	Point of Ayre ...	Rpro	prorr	rropr	prbc
13A	Tiree	crrir	orrc	cid	cid$_o$
13B	Stornoway ...	cr$_o$r$_o$	cr$_o$r$_o$-c	cpr$_o$c	cm
15	Dalwhinnie ...	irc	iroc	*	irc
	Aberdeen ...	orrm$_o$	r$_o$rom	fm$_o$pr	om$_o$c
	Wick ...	cm$_o$r	crrc	prFe	m$_o$irc
16	Lerwick ...	cir$_o$m$_o$	orrm$_o$	orrm$_o$	oirm$_o$
17	Blacksod Point	id$_o$r	idr	Rr	Rr
18	Malin Head ...	cr$_o$r$_o$m$_o$	cdrdr	c	c
	Aldergrove ...	crrd$_o$d$_o$	cd$_o$bccd$_o$	cir$_o$c	cbcbxc
19	Birr Castle ...	cir	cir	cirbc	bcx
20	Valentia Obsy. †	r$_o$r$_o$pr	prirc	cbc	cir$_o$irc
	Roches Point	dfdfrr	orcbc	bc	cprbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{10}$ of the sky. "9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

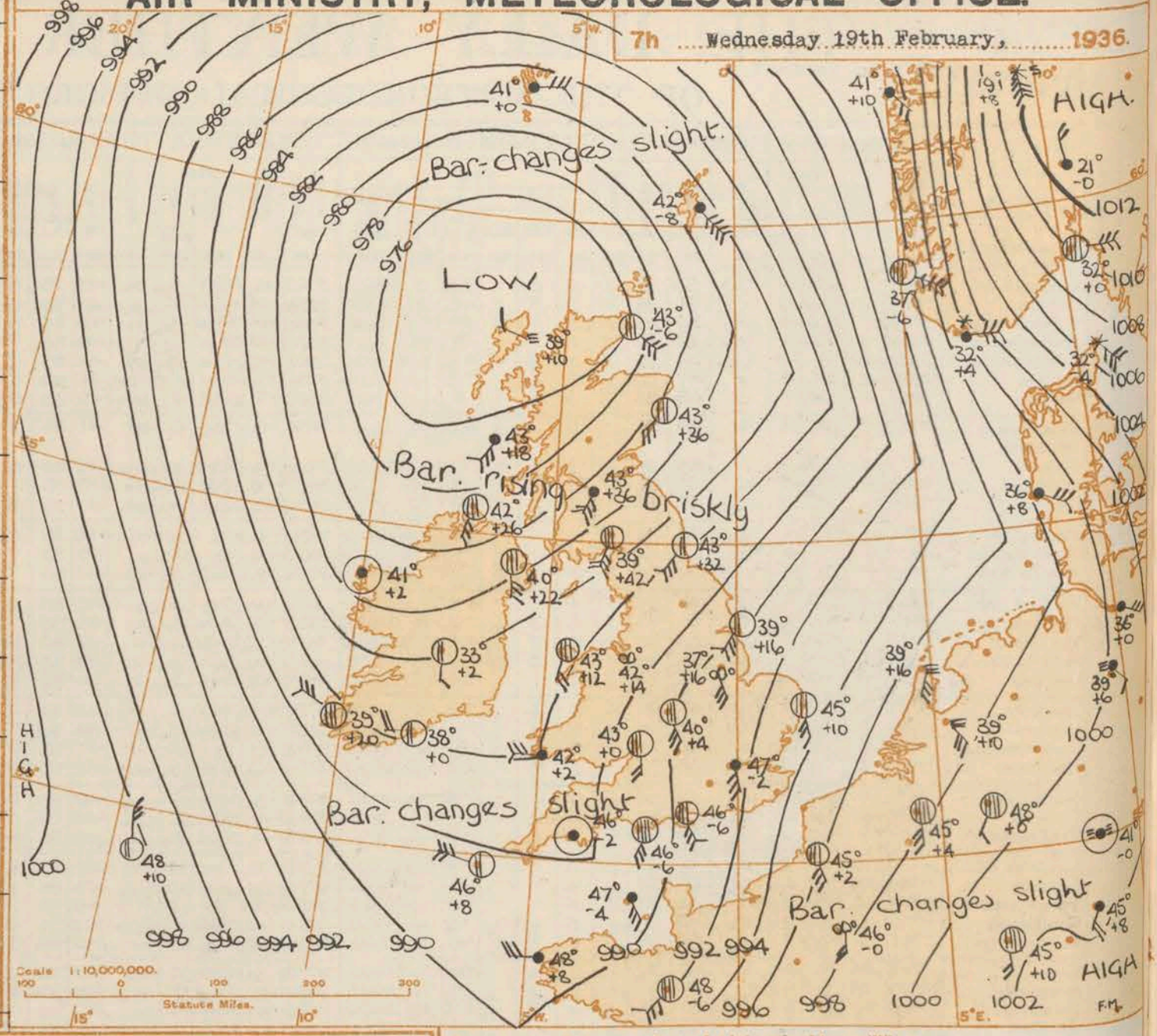
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 18th February 1936.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 17th to 9h. 18th.	Temperature. Max. 9h.—17h. 18th.	Rainfall. Night. 17h. 17th to 9h. 18th.	Rainfall. Day. 9h.—17h. 18th.	Sunshine. Sunrise to Sunset 18th.
1	Tunbridge W.	o	opbc	42	54	19	0·3	1·5
	Bournemouth	doc	b	44	53	18	1	2·7
	Ventnor ...	rodc	cb	43	51	12	–	4·2
	Southsea ...	ocop	opcb	44	54	17	4	4·3
	Bognor Regis	bcbcr	bbc	43	49	12	1	3·2
	Littlehampton	cpc	cpc	44	50	13	1	2·6
	Worthing ...	cir	bcp	44	50	13	1	2·6
	Brighton ...	cfcb	bc	44	49	13	1	2·2
	Eastbourne†	or	rcbc	43	52	15	0·2	1·6
	Hastings† ...	ocop	cbcbc	44	49	14	0·3	0·7
	Folkestone ...	orp	pprbc	41	50	14	1	0·6
	Dover... ...	ciro	cirbc	35	49	13	1	0·4
	Deal	o	roc	41	50	17	1	0·7
	Ramsgate ...	c	rebc	41	49	15	1	0·7
	Margate ...	c	crbc	41	51	12	1	1·0
2	Southend ...	oco	orc	38	53	9	Trace	2·0
	Maldon ...	r	pbce	38	54	12	Trace	1·9
	Clacton-on-Sea	oc	cpbc	39	45	12	0·2	0·9
	Dovercourt ...	roc	bccbc	39	48	14	–	1·0
	Lowestoft ...	foirc	c	39	46	11	–	0·0
	Skegness ...	oro	ombc	36	45	11	0·4	1·2
	Mablethorpe	og	ocbc	36	48	14	–	1·1
	Cleethorpes ...	or	or	36	50	14	Trace	0·7
3	Leamington S.	cbc	c	40	55	7	–	1·8
4	Cheltenham†	cbc	bccip	43	62	19	0·3	5·1
5	Bath	cpo	cbcp	45	52	18	1	0·6
	Weymouth ...	c	b	45	52	20	–	3·7
	Jersey ...	rcbc	bcc	43	52	8	–	6·3
	Torquay ...	cdpbc	bbcpq	45	63	26	0·4	3·4
	Penzance ...	rccbc	bcpbb	45	52	7	0·3	3·9
	St. Ives ...	c	c	44	51	13	–	3·3
	Bude	cbcp	bccp	44	53	5	1	2·7
	Ilfracombe ...	rocbc	cpor	46	52	10	7	0·4
6	Aberystwyth	rc	ro	45	52	2	0·5	2·4
7	Llandudno ...	cir	rbcr	41	53	5	2	1·1
	Colwyn Bay...	cbcc	cpc	43	53	6	1	1·6
	Rhyl	cbc	bccpr	38	53	5	0·2	1·8
8	Wallasey ...	bc	bcir	37	52	8	3	1·6
	Southport‖ ...	cbcc	corco	41	53	8	4	2·6
	Blackpool ...	rc	cp	39	53	10	1	0·5
	Morecambe ...	rcbcc	bcirc	39	54	6	Trace	0·8
9	Ilkley... ...	odoc	ocbcc	30	50	16	1	0·8
	Harrogate ...	cdo	cir	32	49	12	1	0·2
10	Berwick-on-T.	oro	coc	36	44	5	1	0·5
11	Dunbar ...	crr	bc	38	49	4	3	1·8
12	Troon... ...	rocbc	cbcpc	39	47	2	0·5	0·6
	Douglas ...	omir	cmir	38	47	11	2	0·2

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



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 19th February, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Wind southerly veering southwest or west, moderate, cloudy, occasional rain at first, mainly fair with local showers later, mild becoming rather cold.
5 S.W. England 6 South Wales ... 7 North Wales ...	Wind west to northwest, moderate to fresh, bright intervals, local showers; rather cold.
8 N.W. England 9 N. Midlands ... 10 N.E. England	Wind southwest veering west or northwest, moderate, cloudy, occasional rain at first, showers and bright intervals later, becoming rather cold.
11 S.E. Scotland	As 1 - 4.
12 S.W. Scotland & Isle of Man.	Wind south to southwest, moderate to fresh, cloudy, occasional rain, perhaps fairer later; average temperature.
13 A. W. Scotld. B.N.W.Scotland.	Wind southerly veering northwest, moderate to fresh, some rain at first, fairer later; average temperature becoming rather cold.
14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	Wind south to southwest, moderate to fresh, gale locally, cloudy, occasional rain, perhaps fairer later; average temperature.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland	As 12 - 13B.
20 S. W. Ireland	As 5 - 7.

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

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

GENERAL INFERENCE.

A deep depression centred near the Hebrides is moving north or northeast and secondaries to it are situated between the Azores and South England. Cloudy weather with occasional rain will occur in the north and east at first but fairer conditions will spread over the whole country.

FURTHER OUTLOOK.

Bright periods, local showers.

Times of issue of Gale Warnings.

▼ South Cone hoisted at 1330 on 18th in districts 15 and 16.

Forecasts issued at 1045 G.M.T.

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

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

Morning of

WEDNESDAY.
19TH FEBRUARY.

1936.

Clarke's Projection Scale 1:4x10⁷ along meridian at 55°N.

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 19th February, 1936.
No. 27117

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

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	991·2	+22	SSW	3	pr.	47	85	8	8	-	-	7-8	7-8	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	993·1	+18	SSW	4	c	46	95	8	5	-	-	9+	9+	2500
	Manston ...	142	992·7	+22	SW	4	pr.	48	86	8	8	-	-	10	10	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	990·9	+12	S'E	4	bc	44	95	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	989·6	+16	SW	3	bc	47	95	7	4	-	-	2-3	2-3	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	988·4	+4	S'W	2	bc	46	96	8	4	1	-	2-3	2-3	2500
	Scilly (St. Mary's)	163	987·8	+10	SW	2	b	46	95	8	-	-	-	0	0	-
	Guernsey ..	175	991·2	+10	SSW	3	d. d.	458	95	7 10	5	-	-	46 10	46 10	2500
6	Pembroke ...	142	985·3	+12	WSW	4	bc q	45	95	7	5	-	-	4-6	4-6	2500
7	Holyhead ...	26	982·9	+50	SWW	5	c	45	85	7	5	-	-	7-8	7-8	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	986·7	+34	SSW	5	bc	42	95	8	-	1	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	979·1	+20	SW	5	o	48	85	7	c	-	-	10	10	1500
11	Inchkeith ...	190	973·8	-10	SE	3	c	43	95	8	4	2	-	4-6	7-8	4000
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	977·5	+52	W	6	pr	42	95	7	8	-	-	10	10	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	975·2	0	E	2	c	43	95	8	5	7	-	4-6	7-8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	977·4	-6	SE	6	F	43	95	0	5	-	-	10	10	4150
16	Lerwick ...	156	984·3	-6	SE	8	rr	40	95	6	6	-	-	10	10	800
17	Blacksod Point	18	980·8	+20	-	0	RR	42	95	7	6	-	-	10	10	800
18	Malin Head ...	52	973·9	+24	W'N	4	c	43	95	7	8	-	-	10	10	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	984·2	+6	W'S	4	bc	42	85	8	4	-	-	2-3	2-3	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	991·5	0	S	2	ir.	47	95	6	5	-	-	10	10	1500	1	*
	Croydon ...	991·3	-2	S'E	3	r. r.	47	95	6	6	2	-	9+	10	1500	1	*
	S. Farnborough	990·7	-2	SSE	1	d. d.	46	95	5	6	-	-	10	10	800	2	*
	Boscombe Down	989·5	-4	SE'S	3	r. r.	45	95	5	-	2	-	10	10	450	1	*
	Calshot (Sthmtn.)	990·5	-6	SSE	4	c/pr	46	95	8	5	-	-	9+	9+	1500	1	2
	Lympne ...	994·2	+2	S'E	3	pr.	44	95	7	5	2	-	7-8	10	2500	1	§3
	Manston ...	993·6	-2	SSW	4	c	44	95	8	5	3	8	4-6	9	2500	1	*
2	Shoeburyness ...	993·2	+2	S	3	c	44	95	8	5	2	-	7-8	10	2500	1	*
	Felixstowe ...																
	Gorleston ...	993·7	+10	S'E	3	c	45	95	6	6	-	-	9	9	2500	1	2
	Mildenhall ...	992·4	+8	SE	1	id.	44	95	4	5	-	-	10	10	800	1	*
	Cranwell ...	991·1	+16	SSE	3	bcz.	37	95	6	1	4	-	0	2-3	-	1	*
3	Birmingham ...	990·0	+4	SSE	3	c	40	95	6	5	7	-	4-6	9+	4000	1	*
	Upper Heyford	990·5	-2	E	1	r. r.	42	95	3	5	-	-	10	10	450	1	*
4	Ross-on-Wye	988·9	0	SE	2	c	43	95	7	6	2	-	2-3	10	2500	1	*
5	Portland Bill ...	988·5	-6	SSW	3	o/r	46	95	7	5	-	-	10	10	1500	1	3
	Plymouth ...	987·9	-2	-	0	d. d.	46	95	5	5	2	-	7-8	10	1500	1	2
	The Lizard ...	988·0	+6	W	2	c	45	95	8	8	2	-	7-8	9+	2500	1	2
	Scilly (St. Mary's)	988·6	+8	WNW	5	bc	46	85	8	8	6	-	4-6	4-6	2500	1	3
	Guernsey ..	989·9	-4	SSE	3	r	47	95	7	5	-	-	10	10	2500	1	3
6	Pembroke ...	986·0	+2	W	4	ir	42	95	7	5	-	-	10	10	1500	1	2
7	Holyhead ...	985·4	+12	SSW	2	c. p	43	95	8	8	3	-	4-6	7-8	2500	1	2
	Chester (Sealand)	987·4	+14	SE	3	c. z.	42	85	6	5	-	-	7-8	7-8	2500	1	*
8	Manchester ...	988·0	+16	SSW	4	bcz.	43	85	6	5	5	-	4-6	4-6	2500	1	*
10	Spurn Head ...	990·3	+16	S'W	4	bc	39	95	8	5	7	-	2-3	4-6	2500	1	3
	Catterick ...	988·0	+26	SSE	2	bcz.	38	95	6	8	-	5	4-6	4-6	2500	1	*
	Tynemouth ...	986·4	+32	SW	4	bc	43	75	6	2	-	-	4-6	4-6	2500	1	2
11	Inchkeith ...	981·6	+28	SSW	3	o	43	85	8	5	-	-	10	10	4000	0	3
	Leuchars ...	980·9	+40	SSW	3	c/r	43	85	6	8	-	-	9+	9+	800	1	*
12	Renfrew (Abbots I.)	981·1	+36	SSW	5	r. r.	43	85	6	8	-	-	7-8	7-8	1500	1	*
	Eskdalemuir ...	983·8	+42	SSW	5	c	39	95	6	5	-	-	10	10	220	1	*
	Point of Ayre...	984·9	+22	SW'W	4	b	40	95	7	8	-	-	1	1	1500	1	3
13A	Tiree	976·0	+18	SSW	4	id.	43	95	7	6	7	-	4-6	9+	1500	1	x
13B	Stornoway ...	975·7	+10	WNW	1	f	39	95	3	5	-	-	9+	9+	1500	1	1
15	Dalwhinnie ...	978·7	+40	SW	2	o	38	95	6	5	-	-	10	10	1500	1	*
	Aberdeen ...	980·2	+36	SWS	3	c	43	95	7	6	7	-	5	9+	800	1	3
	Wick ...	975·5	-6	SE	6	c	43	95	6	6	2	1	7-8	10	800	1	4
16	Lerwick ...	983·3	-8	SE	8	ir	42	95	6	6	-	-	10	10	800	1	*
17	Blacksod Point	981·4	+2	-	0	RR	41	95	7	6	-	-	10	10	800	2	3
18	Malin Head ...	978·4	+26	S'W	3	c	42	95	7	5	-	-	9	9	1500	1	1
	Aldergrove ...	981·8	+22	S	3	c	40	95	7	5	-	-	9+	9+	1500	1	*
19	Birr Castle ...	983·9	+2	S	1	bc	33	95	8	5	-	-	2-3	2-3	2500	1	*
20	Valentia Obsy. †	986·5	+20	WNW	4	c/r	39	95	8	6	7	-	7-8	9+	1500	1	4
	Roches Point	985·6	0	W	2	bc	38	85	8	8	-	-	4-6	4-6	1500	1	4

PAST 24 HOURS.

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

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. Yesterday. hrs.	Humidity. 15h. G.M.T % Yesterday.	Humidity. 18h. G.M.T % To-day.	Visibility 9h.
Kew	18	cd. pr.	cpr. bcb	bccm. r.	53	41	39	0·5	0·2	1·5	*	*	6
Croydon	217	r. D pr.	cpr. r. bc	cpr. rd.	54	50 46	46 43	2	0·2	1·3	*	*	6 5
Greenwich (Royal Observatory)...	149	c	cpb	bcd. rd	54	45	42	0·7	0·7	1·7	76	95	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	1·4	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	55	47	41			1·3	69	91	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	55	47	44	Tr	1	1·0	71	96	*
Camden Square	110	cr	c	*	54	47	40	Tr	1	*	*	93	*
Kensington	80	cod. bc	bc	*	55	47	40	Tr	1	1·7	At 18h. 55	95	*
Hampstead Observatory	459	od	bc	bcor	52	44	35	-	2	0·7	*	97	*

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 18th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 19th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	994·6	SSW	2	c	54	998·1	S	2	c z.	48
Brussels	993·8	S	4	c	48	997·4	S	3	c	45
Berlin	1007·7	ESE	4	o	36	1004·6	SE	3	o z.	34
Zürich	1005·0	S'W	1	cz.	?	1006·4	ESE	1	c	45
Rome						1010·2	SE	8	c	55

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·6	10-11h 18th	<0·3	1-2h 19th

Kew Observatory. Max.	Time.	Min.	Time.
0·1	9hr 18th	<0·1	0-7h 19th

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
55	45	-	-
52	43	3	-
39	34	-	-
43	39	-	0·6
x	x		-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

Objects not visible at

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

COLUMN 30.—Code for State of Sea.

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 20th February, 1936.
No. 27118

Distrct.	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 19th February														OBSERVATIONS at 18h. G.M.T. 19th February															PAST 24 HOURS.			
		Barom. at M.S.L.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	°Temp.	%Humid.	Visibility 0–9	Cloud. Form. Low	Cloud. Form. Med.	Cloud. Form. High	Cloud. Amount. Low 0–10	Cloud. Amount. Total 0–10	Height of Base (feet)	Barom. at M.S.L.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	°Temp. F.	%Humid.	Visibility 0–9	Cloud. Form. Low.	Cloud. Form. Med.	Cloud. Form. High.	Cloud. Amount. Low 0–10	Cloud. Amount. Total 0–10	Height of Base (feet)	State of Ground. 0–9	Sea. 0–9	Weather. 7h.–13h. 19th.	Weather. 13h.–18h. 19th.	Weather. 18h. 19th to 1h. 20th.	Weather. 1h.–7h. 20th.
		mb.														mb.																		
	(For heights see p. 4.)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(37)	(38)	(39)	(40)
1	London (Kew)	991·0	-4	S'W	3	id$_o$	48	95	6	6	2	-	9	10	800	996·1	+42	W'S	2	z_o	45	65	6	5	-	-	Tr	Tr	4000	1	*	crid$_o$	cd$_o$m$_o$	bz$_o$c	bz$_o$x
	Croydon ...	991·0	-2	S'W	4	d$_o$d$_o$	48	95	5	6	-	-	10	10	800	995·7	+38	W'S	2	z_o	43	95	6	4	-	-	1	1	4000	1	*	r$_o$r$_o$d$_o$	d$_o$d$_o$r$_o$d$_o$	bz$_o$b	bbw
	S. Farnborough	990·8	0	SWS	2	ir$_o$	49	95	7	5	2	-	9	10	800	996·5	+38	W	1	bc	42	85	7	4	-	-	2-3	2-3	2500	2	*	cd$_o$r$_o$c	cir$_o$bcb	bc bb	bx
	Boscombe Down	990·7	+12	NW	4	c	46	95	8	5	3	-	7-8	9	1500	996·1	+40	WNW	3	bc	45	75	7	5	7	-	2-3	4-6	2500	1	*	or$_o$mc	cbc	≡ bcb	b
	Calshot (Stbmtn.)	991·1	+6	SW'S	3	d$_o$d$_o$	49	95	6	5	-	-	10	10	800	996·7	+36	SW	3	c	46	85	8	5	-	-	9	9	1500	1	2	c r$_o$r$_o$id$_o$	cdd$_o$m$_o$bc	c b c b	bw
	Lympne ...	993·2	-6	S	4	ir	47	95	6	6	7	-	7-8	9+	800	995·9	+26	W'S	3	c/f	46	95	6	6	7	-	2-3	9+	450	1	§3	cr$_o$ir	cirfd$_o$	b	bx
	Manston ...	992·5	-10	SSE	4	ir	49	95	7	6	2	-	7-8	10	800	995·0	+20	SW	3	ir$_o$	49	85	7	6	2	-	9	10	450	1	*	cpr cir	cir$_o$	r$_o$c b	b
2	Shoeburyness ...	992·5	-2	S'E	4	c/d	47	95	7	5	7	-	7-8	9+	1500	995·2	+24	W	2	c/d	47	85	6	5	1	-	4-6	7-8	2500	1	*	r$_o$r$_o$c	id$_o$dc	cm$_o$,b	bxm$_o$
	Felixstowe ...																																		
	Gorleston ...	994·1	-8	SE'S	4	bc	44	85	6	5	-	8	2-3	4-6	2500	994·2	+6	S'E	2	c	42	95	6	5	-	-	10	10	2500	1	2	cid$_o$bc	bccz$_o$	ad$_o$bbc	bbc
	Mildenhall ...	991·1	-6	SE'S	3	ir$_o$	50	95	6	6	-	-	9+	9+	800	993·9	+28	W'S	3	bc/r	47	85	7	5	-	-	2-3	2-3	1500	1	*	od$_o$r$_o$cr$_o$	cr$_o$bc	bc,c	c,b
	Cranwell ...	990·5	-6	SSE	3	z_o	47	85	5	5	3	-	7-8	9+	1500	993·6	+26	WSW	2	z_o	42	75	6	-	3	-	0	2-3	-	1	*	bofedom	cr$_o$rrcbz$_o$	bcb z$_o$	bm$_o$
3	Birmingham ...	989·8	+4	WSW	3	ir$_o$	43	85	6	6	7	-	4-6	9	2500	994·2	+26	W	2	c	46	65	7	5	-	-	9+	9+	2500	1	*	crr	cbc	cbc	bcb
	Upper Heyford	990·4	+6	S'E	3	r$_o$r$_o$	47	95	5	5	-	-	10	10	220	995·6	+32	WSW	3	bc	40	85	7	4	-	-	2-3	2-3	2500	1	*	ofr$_o$mor	cr$_o$bc	bcb	bx
4	Ross-on-Wye	990·5	+10	WSW	3	bc	49	65	8	2	-	-	2-3	2-3	4000	995·5	+30	W'S	2	c	45	75	8	8	-	-	7-8	7-8	4000	1	*	cdorcbc	cbcy	cbb	bb
5	Portland Bill ...	992·1	+24	SW	3	bc	48	95	7	4	-	-	2-3	2-3	2500	997·3	+40	WNW	4	c	47	95	7	4	-	-	7-8	7-8	2500	1	3	cbc	bcprc	bcb	bbc
	Plymouth ...	993·1	+16	WSW	4	c	49	75	8	8	-	-	9	9	2500	998·7	+38	W	4	z_o	47	75	6	8	4	-	2-3	2-3	1500	1	3	cdr$_o$bcc	cpr$_o$dprb	bz$_o$b	bw
	The Lizard ...	994·1	+30	W'S	6	bc	49	75	8	8	-	-	4-6	4-6	2500	999·6	+40	WSW	5	c	45	85	8	8	2	-	7-8	10	2500	1	2	pr$_o$bc	bcc	pr$_o$bc	bc
	Scilly (St.Mary's)	994·7	+38	WN	6	bc	50	75	7	2	-	-	2-3	2-3	2500	1000·3	+34	WNW	5	bc	46	75	8	2	-	-	4-6	4-6	2500	1	3	bcp$_o$	bcp$_o$q	bc	bccp$_o$
	Guernsey ...	994·3	+38	WNW	5	bc	49	75	8	5	1	-	2-3	4-6	2500	1000·2	+38	W	3	bc	47	85	7	5	7	-	2-3	4-6	2500	1	3	ir$_o$bc	bccbc	cprbc	bbc
6	Pembroke ...	993·2	+14	W	4	bcq	47	75	7	5	-	-	4-6	4-6	2500	994·4	+24	W	5	bc	45	75	7	5	-	-	4-6	4-6	2500	1	3	cbcq	bcq	bcq	bcb
7	Holyhead ...	987·0	0	S'E	5	s/p E/r	43	85	9	9	-	-	7-8	7-8	1500	993·9	+30	WSW	4	bc	45	85	8	8	3	-	4-6	4-6	2500	1	2	r$_o$r$_o$hpr$_o$	cpr$_o$bc	bcc	bcb
	Chester(Sealand)	989·2	+16	-	0	E/r	42	85	6	8	-	-	4-6	4-6	2500	992·2	+24	W	3	c	46	65	7	5	-	-	7-8	7-8	1600	1	*	bcc r$_o$m$_o$	bcm$_o$c	cb	b
8	Manchester ...	989·4	+10	N'W	2	r$_o$r$_o$	38	95	6	6	2	-	7-8	10	1500	992·0	+20	WSW	3	z_o	44	75	6	5	-	-	9+	9+	2500	1	*	bcorrf	r$_o$bcc	ccm$_o$	pr$_o$bbc
10	Spurn Head ...	988·6	-6	SSE	5	pr$_o$	42	85	6	5	2	-	7-8	10	1500	992·0	+18	WSW	2	c	43	95	6	5	7	-	4-6	10	1500	1	1	bccpr	prc	bc	bcw
	Catterick ...	988·6	-6	S'E	2	r$_o$r$_o$	42	95	5	-	2	-	10	10	800	991·3	+16	SSE	1	c	39	75	7	6	6	-	9	9+	2500	1	*	cm$_o$omr$_o$r$_o$	om$_o$r$_o$bc	cb cco	ocbcc
	Tynemouth ...	987·9	0	5	3	c	45	85	6	9	-	-	9	9	1500	989·1	+18	WSW	2	m	41	85	4	5	-	-	4-6	4-6	1500	1	2	bcc	orrbcm	bcmobc	bcc
11	Inchkeith ...	987·7	+16	SSW	3	c	44	75	8	5	6	-	4-6	9	2500	987·9	+2	S	1	bc	(33)	85	7	5	-	-	4-6	4-6	2500	1	1	c	cirbc	bcc	c
12	Leuchars ...	987·2	+16	SSE	4	c	46	75	7	7	3	1	4-6	7-8	2500	988·0	+6	-	0	bc	36	95	7	8	-	-	2-3	2-3	1500	1	*	cm$_o$bcc	o cm b	b pr$_o$ bc	bcc
	Renfrew (Abbots I.)	986·2	+18	S'W	3	c	45	65	8	2	1	-	2-3	9+	2500	985·9	0	ESE	2	ir	38	95	6	8	-	-	10	10	4000	1	*	cm r$_o$bcz$_o$	c c bc m r c	~~hhh~~	cm$_o$r$_o$r$_o$
	Eskdalemuir ...	987·6	+6	SW'S	4	rs	38	85	6	-	2	-	10	10	800	988·6	+4	S	3	c	33	95	6	5	-	-	10	10	800	1	*	cbcirrs	SSCm$_o$	cm$_o$c	cr$_o$c
	Point of Ayre...	986·9	+6	SW	5	bc	43	85	8	2	-	-	2-3	2-3	1500	985·5	+10	W'S	4	c	42	85	8	8	-	-	10	10	800	1	3	pr$_o$bc	bcpr	cqpr$_o$	cbc
13A	Tiree	981·6	+26	SSE	6	c	43	85	8	5	7	-	9+	10	1500	981·9	-2	SE'S	5	pR	40	95	7	3	7	-	9+	10	1500	1	4	cid$_o$c	cirP	H r h r	cIR
13B	Stornoway ...	981·1	+26	SSW	4	c/pr	45	95	8	8	6	-	7-8	9+	2500	984·6	+10	WSW	3	c	43	75	8	5	6	-	4-6	7-8	2500	1	1	cpr$_o$	bcc	cr$_o$r$_o$	crr,c
16	Dalwhinnie ...	985·7	+30	SW	4	bc	40	75	7	4	6	-	2-3	4-6	2500	987·4	+2	S	3	iS	33	95	5	6	-	-	10	10	1500	6	*	irc	cis	*	srsc
	Aberdeen ...	987·6	+30	S'W	4	z_o	46	85	6	2	-	-	4-6	4-6	2500	988·0	?4	SE'S	4	rr	42	95	5	6	2	-	7-8	10	800	1	3	cbcz$_o$	bcrr	r$_o$bcc	c
	Wick ...	983·3	+40	SSW	4	bc	47	85	8	8	-	-	4-6	4-6	1500	987·8	+20	SSE	5	c	43	95	8	5	7	-	4-6	7-8	1500	1	4	cbc	bccm$_o$	orrbc	bcq
16	Lerwick ...	985·0	+24	SSE	7	c	44	85	7	5	2	-	7-8	10	800	982·1	+52	S'E	6	c	44	85	8	5	2	-	4-6	10	1500	1	*	ocirm$_o$	cm$_o$	cirm$_o$	prrcirm$_o$
17	Blacksod Point	986·9	+36	WNW	5	c	46	85	7	5	-	-	7-8	7-8	800	991·0	+24	WNW	6	bc	43	85	8	9	-	-	4-6	4-6	800	1	4	cq	Prcq	PHRq	prcq
18	Malin Head ...	981·6	+14	S	4	c	40	95	8	5	-	-	9+	9+	2500	982·4	+12	W	6	c/d	44	95	7	6	2	-	7-8	9+	1500	1	3	c	cdrdr	cpr$_o$	cpr$_o$
	Aldergrove ...	984·2	+2	S	4	c	43	75	8	7	7	-	7-8	9	2500	985·9	+12	SSW	5	c/r	40	95	8	5	3	-	4-6	7-8	800	1	*	cbcc	cer$_o$ir$_o$	cbc	bcb
19	Birr Castle ...	987·6	+22	WNW	2	c/pr	47	75	8	3	-	-	9	9	2500	992·5	+24	WNW	2	c	44	75	8	5	-	-	7-8	7-8	2500	1	*	bceprs	cprc	cpr bc	bcbx
20	Valentia Obsy. †	994·2	+38	WNW	5	c/ph	46	65	8	8	-	-	7-8	7-8	1500	997·9	+22	NW'W	4	bc	45	65	8	3	-	-	2-3	2-3	2500	1	4	cbcphc	pr$_o$phbc	phr$_o$bc	bccpr
	Roches Point	992·6	+28	NW	5	bc	47	75	9	3	-	3	4-6	4-6	1500	996·6	+32	WNW	3	bc	45	75	8	3	-	3	2-3	4-6	1500	1	4	cp$_o$bc	phrbc	bcw	bcwb

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{10}$ of the sky. "9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

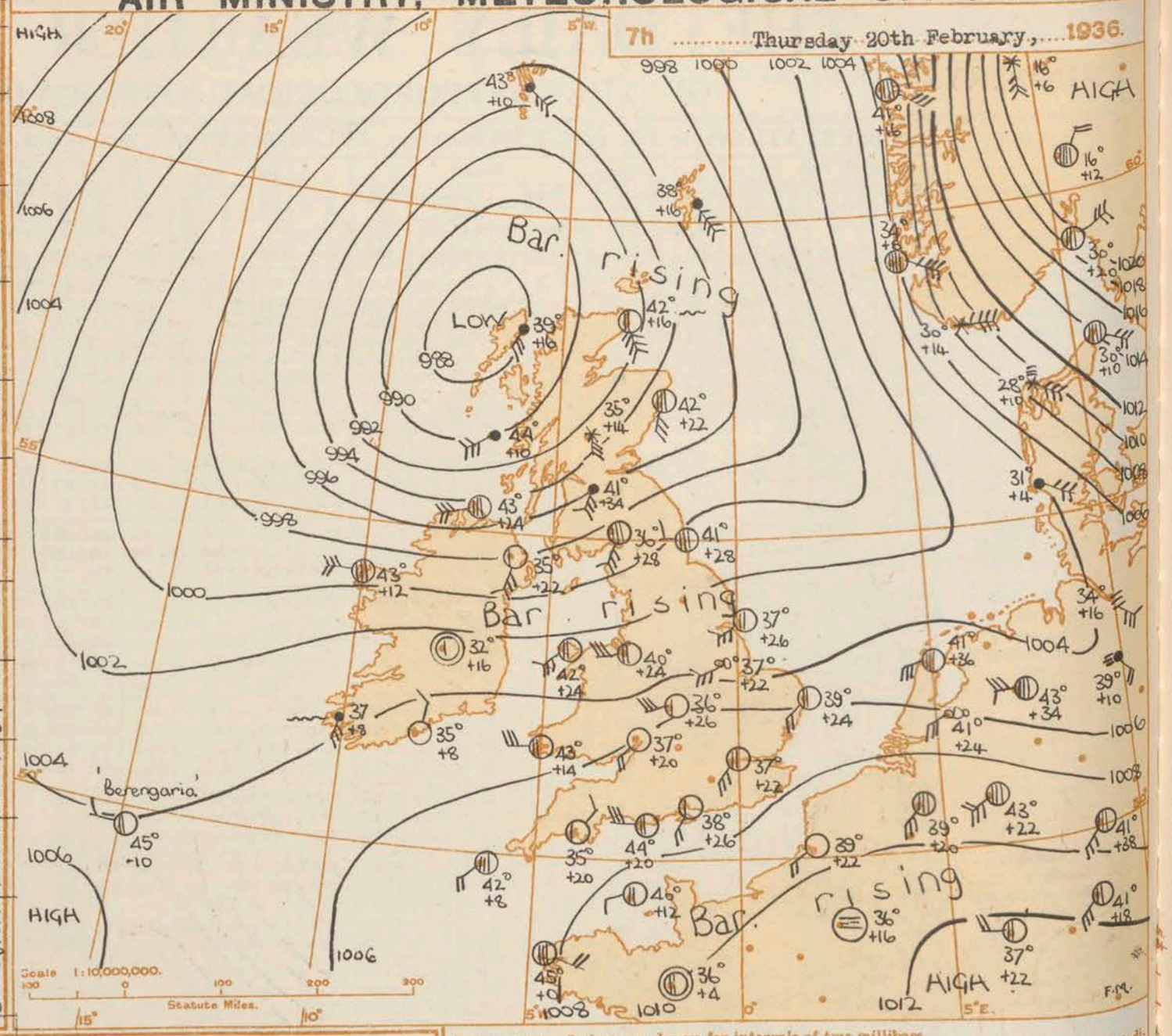
REPORTS from HEALTH RESORTS for 19th February 1936

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 18th to 9h. 19th.	Temperature. Max. 9h.—17h. 19th.	Rainfall. Night. 17h. 18th to 9h. 19th.	Rainfall. Day. 9h.—17h. 19th.	Sunshine. Sunrise to Sunset. 19th.
1	Tunbridge W.	oped	odoc	45	48	4	1	0·2
	Bournemouth	do	bcc	45	52	2	0·5	2·8
	Ventnor ...	romd	dob	44	51	2	0·5	3·1
	Southsea ...	o	odbc	45	51	1	Trace	1·6
	Bognor Regis	coir	oirbc	44	50	1	0·3	1·2
	Littlehampton	cpc	cbc	44	51	1	0·2	1·5
	Worthing ...	c	dcbc	45	49	1	0·3	1·0
	Brighton ...	cp	cb	44	47	1	0·4	0·8
	Eastbourne†	coiro	oidoc	45	49	1	1	0·6
	Hastings† ...	ocor	ocbc	44	48	1	2	0·4
	Folkestone ...	ocrop	oirco	44	49	2	0·3	0·2
	Dover... ...	cir	irco	45	49	1	1	0·1
	Deal	cro	ococ	46	51	1	0·3	0·4
	Ramsgate ...	c	cpc	44	50	1	0·2	1·7
	Margate ...	c	bccd	45	53	0·3	0·3	1·0
2	Southend ...	c	codo	38	48	1	0·1	1·5
	Maldon ...	rc	cop	45	51	0·5	Trace	0·2
	Clacton-on-Sea	cbc	bcpc	40	46	0·2	Trace	1·4
	Dovercourt ...	bccpbc	bcc	42	48	0·3	-	1·7
	Lowestoft ...	bc	dcbc	41	47	-	Trace	1·8
	Skegness ...	oir	oiru	38	45	0·4	0·5	0·0
	Mablethorpe	cmiro	omir	37	49	-	1	0·0
	Cleethorpes...	bco	oir	37	49	Trace	2	0·8
3	Leamington S.	ocbc	c	40	49	0·1	-	1·7
4	Cheltenham†	moirc	cbc	40	50	0·5	4	2·6
5	Bath	irc	cbcb	42	50	2	3	3·5
	Weymouth ...	crcc	b	45	51	3	0·4	2·8
	Jersey ...	rcpc	cbc	46	50	2	Trace	3·7
	Torquay ...	cbcb	cpbc	40	53	4	Trace	4·1
	Penzance ...	bbc	b	43	52	0·5	-	7·3
	St. Ives ...	b	b	43	49	0·5	-	6·5
	Bude	bc	bc	41	49	1	-	5·2
	Ilfracombe ...	oc	bcb	44	50	3	-	5·9
6	Aberystwyth	rcbc	dc	41	50	7	0·5	4·2
7	Llandudno ...	rhrbc	bcrc	38	49	2	4	3·5
	Colwyn Bay...	crrcb	bcc	37	48	6	2	3·5
	Rhyl	cprbc	bcc	42	49	0·3	3	2·8
8	Wallasey ...	cRbc	bcc	43	47	0·3	3	1·8
	Southport‖ ...	corsc	bcco	40	47	0·2	5	3·0
	Blackpool ...	or	c	41	44	1	5	2·6
	Morecambe ...	crr	rbbbc	39	46	1	7	2·4
9	Ilkley... ...	orogr	roc	37	43	1	4	1·5
	Harrogate ...	c	Rcbc	39	43	0·2	6	1·6
10	Berwick-on-T.	bc	coRb	42	47	0·5	5	2·6
11	Dunbar ...	crr	bc	42	47	1	3	1·9
12	Troon... ...	cbcbc	cbcbc	38	45	2	-	3·5
	Douglas ...	circb	cbcir	40	43	3	0·5	1·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Thursday 20th February, ...1936.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 20th February, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Wind south to southwest, light; mainly fair perhaps local showers; local morning fog probable; rather cold.
4 W. Midlands ... 5 S.W. England 6 South Wales ...	Light variable wind increasing somewhat from southeast later; fair at first with local showers, rain probable later; rather cold becoming milder.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	Wind southwest to west, moderate to light, local showers, local morning fog probable; rather cold.
10 N.E. England	Wind southwest, moderate; bright periods and local showers; rather cold.
11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 {A. W. Scotld. B.N.W.Scotland.} 14 Mid Scotland	Wind southwest, moderate to fresh; cloudy, occasional rain or sleet; rather cold.
15 N. E. Scotland 16 Orkneys and Shetlands	V Wind southerly, fresh or strong, gale locally; cloudy; occasional rain; V rather cold.
17 N. W. Ireland 18 N. E. Ireland	Wind westerly, moderate to fresh; bright periods, showers of rain or hail; rather cold.
19 S. E. Ireland 20 S. W. Ireland	Wind westerly, moderate; bright periods, showers of rain or hail; rather cold.

Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ Temperature is given in degrees F.
Weather Symbols :— ◯ Clear sky. ◔ Sky less than 1/10 clouded. ◑ Sky 1/10 to 3/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◍ Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet ▲ Hail ≡ Fog. ≡ Mist. T Thunder. ⚡T Thunderstorm. ∞ Slight haze.
Sea Disturbance.—Rough. ≈≈ High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A depression centred near the Hebrides is filling up and another off Northwest Spain is moving northeast slowly. There will be showers and bright periods in most districts but occasional rain or sleet in Scotland. Rain is probable in southwest districts later.

FURTHER OUTLOOK.

Rain probable in Southern districts.

Time of issue of Gale Warning.

V South Cone hoisted at 1330 on 18th in districts 15 and 16.

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

Forecasts issued at 1030 G.M.T.

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

Morning of

THURSDAY
20TH FEBRUARY.

1936.

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

Statute Miles 0 100 200 300 400

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 20th February, 1936.
No. 27118

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	Temp. °F.	% Humid.	Visibility 0–9	Cloud. Form. Low	Form. Med.	Form. High	Amount. Low 0–10	Amount. Total 0–10	Height of Base. (feet)
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1003·0	+30	SW'W	4	b	42	85	8	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1001·3	+38	WSW	3	b	39	85	7	-	-	-	0	0	-
	Manston ...	142	1003·1	+30	WSW	3	b	40	85	7	-	-	-	0	0	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1000·7	+22	SW'S	2	c	42	95	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	1004·0	+28	W	3	b	45	95	8	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1005·3	+30	W'S	4	bc	45	75	8	4	-	-	2-3	2-3	2500
	Scilly (St.Mary's)	163	1005·5	+20	W'N	4	bc	45	75	8	2	-	-	2-3	2-3	2500
	Guernsey ..	175	1006·4	+24	WSW	2	b	44	85	8	-	-	-	0	0	-
6	Pembroke ...	142	1001·6	+20	WNW	5	bc	44	75	7	5	-	-	2-3	2-3	2500
7	Holyhead ...	26	998·0	+30	WSW	4	bc	43	85	8	5	-	-	4-6	4-6	2500
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	999·0	+30	SSW	4	bc	40	95	7	5	7	-	2-3	4-6	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	994·6	+20	SW	2	bc	40	85	6	5	-	-	4-6	4-6	1500
11	Inchkeith ...	190	990·9	+16	S	3	c	41	85	8	5	2	-	4-6	7-8	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	994·9	+28	W'N	4	c	42	95	8	8	-	-	7-8	7-8	800
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	985·5	+4	NW	1	c	35	95	7	5	7	-	7-8	9+	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	989·0	+16	S	5	bc	40	95	8	8	1	-	2-3	4-6	1500
16	Lerwick ...	156	994·9	+2	SSE	7	ir	40	95	6	9	2	-	9	10	800
17	Blacksod Point	18	997·3	+22	WNW	6	c	42	85	7	9	-	-	10	10	800
18	Malin Head ...	52	990·1	+32	W	6	pr	43	95	7	9	2	-	4-6	10	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1002·3	+26	NW'W	4	bc	44	85	8	8	-	-	2-3	2-3	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	Temp. °F.	% Humid.	Visibility 0–9	Cloud. Form. Low	Form. Med.	Form. High	Amount. Low 0–10	Amount. Total 0–10	Height of Base (feet)	State of Ground. 0–9	Sea. 0–9
		(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	London (Kew)	1007·1	+24	SW	2	bz$_o$	37	95	6	-	-	-	0	0	-	1	*
	Croydon ...	1006·9	+22	SW'S	3	b	37	85	7	-	3	-	0	Tr	-	1	*
	S. Farnborough	1007·7	+24	W'S	1	b	34	95	8	-	-	-	0	0	-	1	*
	Boscombe Down	1007·6	+20	SW'S	2	b	35	95	7	-	2	-	0	Tr	-	1	*
	Calshot (Sthmtn.)	1007·7	+26	SW	2	b	38	95	7	5	-	-	1	1	2500	1	1
	Lympne ...	1007·9	+22	WSW	3	b	37	95	7	5	-	1	Tr	Tr	2500	1	§0
	Manston ...	1007·4	+24	SW'W	3	b	36	95	7	2	-	-	Tr	1	2500	1	*
2	Shoeburyness ...	1007·0	+24	SW	2	b	37	95	6	-	4	-	0	1	-	1	*
	Felixstowe ...																
	Gorleston ...	1005·7	+24	SW	2	bc	39	85	6	-	7	-	0	2-3	-	1	2
	Mildenhall ...	1005·5	+30	SSW	3	b	36	95	7	-	-	-	0	0	-	1	*
	Cranwell ...	1003·5	+22	WSW	4	bz$_o$	37	85	6	-	4	-	0	Tr	-	1	*
3	Birmingham ...	1006·0	+26	WSW	3	b	36	85	6	5	-	-	Tr	Tr	4000	1	*
	Upper Heyford	1006·6	+28	SW'W	2	b	33	95	7	-	-	-	0	0	-	1	*
4	Ross-on-Wye	1006·0	+20	SW	2	b	37	85	7	-	-	-	0	0	-	1	*
5	Portland Bill ...	1007·3	+20	W	3	bc	44	95	8	4	-	-	2-3	2-3	2500	1	3
	Plymouth ...	1007·7	+20	NE	1	b	35	95	8	5	-	-	Tr	Tr	1500	1	1
	The Lizard ...	1007·0	+10	-	0	bc	42	85	8	8	-	-	2-3	2-3	2500	1	2
	Scilly (St.Mary's)	1006·8	+8	SW	2	c/pr	42	85	8	8	4	3	4-6	7-8	2500	1	2
	Guernsey ..	1008·4	+12	WSW	1	bc	40	95	7	5	-	-	2-3	2-3	2500	1	2
6	Pembroke ...	1009·0	+14	W	3	bc	43	85	8	8	-	-	2-3	2-3	2500	1	3
7	Holyhead ...	1002·5	+24	SW'W	4	bc	42	75	8	5	-	5	1	2-3	4000	1	2
	Chester(Sealand)	1003·1	+24	W'S	3	c	40	75	7	5	-	-	7-8	7-8	4000	1	*
8	Manchester ...	1003·4	+26	SW	2	bcz$_o$	38	95	5	5	-	2	1	4-6	4000	1	*
10	Spurn Head ...	1002·3	+26	WSW	4	bc	37	95	7	-	7	-	0	2-3	-	1	3
	Catterick ...	1001·4	+28	SW	2	c	39	85	7	6	6	-	9	9+	2500	1	*
	Tynemouth ...	999·5	+28	W	1	c	41	85	6	5	6	-	7-8	9	1500	1	1
11	Inchkeith ...	995·0	+24	S	4	c	40	95	8	5	6	-	4-6	7-8	2500	0	3
	Leuchars ...	995·4	+20	SW	4	c	41	85	7	4	3	-	7-8	7-8	1500	1	*
12	Renfrew (Abbots I.)	996·0	+34	SSW	4	r$_o$r$_o$	41	85	6	6	-	-	10	10	1500	1	*
	Eskdalemuir ...	998·8	+28	SSW	4	c	36	95	8	5	-	-	10	10	800	1	*
	Point of Ayre...	999·6	+22	W	4	bc	39	85	8	-	7	-	0	2-3	7200	1	3
13A	Tiree	989·7	+10	SW'W	5	ir$_o$	44	95	7	6	7	-	4-6	9	1500	1	x
13B	Stornoway ...	988·1	+16	SW	3	rr	39	95	7	5	2	-	7-8	10	1500	1	1
15	Dalwhinnie ...	992·2	+14	S	4	s	35	95	5	6	-	-	10	10	1500	3	*
	Aberdeen ...	995·2	+22	S'W	3	c	42	95	7	5	-	-	9+	9+	1500	1	2
16	Wick ...	991·7	+16	SSE	7	bc	42	95	7	5	6	-	2-3	4-6	2500	1	4
	Lerwick ...	997·4	+16	SSE	8	ir	38	95	6	6	2	-	7-8	10	800	2	*
17	Blacksod Point	999·3	+12	W	5	bc	43	75	8	9	-	-	4-6	4-6	1500	1	3
18	Malin Head ...	994·4	+24	WSW	5	c	43	95	7	5	-	-	7-8	7-8	1500	1	1
	Aldergrove ...	998·7	+22	S'W	4	b	35	85	8	5	-	-	1	1	2500	1	*
19	Birr Castle ...	1002·9	+16	-	0	b	32	95	8	-	4	-	0	1	-	1	*
20	Valentia Obsy. †	1003·9	+8	S'W	3	pr	37	85	8	5	-	-	7-8	7-8	2500	1	4
	Roches Point	1004·8	+8	NNE	1	b	35	95	8	-	-	-	0	0	-	1	3

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F.	Min. Night 18h–7h °F.	Min. on Grass °F.	Rainfall. Day 7h–18h mm.	Rainfall. Night 18h–7h mm.	Sunshine 1936 Hrs.
		(31)	(32)	(33)	(34)	(35)	(36)
1	London (Kew)	51	36	28	2	Tr	0·6
	Croydon ...	49	37	33	3	-	0·0
	S. Farnborough	50	34	26	2	-	1·6
	Boscombe Down	50	34	31	3	-	2·2
	Calshot (Sthmtn.)	51	37	32	0·6	Tr	2·2
	Lympne ...	47	35	30	2	Tr	0·0
	Manston ...	52	36	30	1	Tr	1·0
2	Shoeburyness ...	49	37	27	0·1	-	1·2
	Felixstowe ...						
	Gorleston ...	47	36	34	Tr	Tr	1·8
	Mildenhall ...	51	36	33	0·2	-	0·2
	Cranwell ...	49	36	30	2	-	0·4
3	Birmingham ...	49	35	32	5	-	2·2
	Upper Heyford	49	33	23	2	-	*
4	Ross-on-Wye	51	36	30	4	-	3·6
5	Portland Bill ...	48	43	*	0·5	-	*
	Plymouth ...	49	35	31	2	-	3·7
	The Lizard ...	50	41	*	0·2	Tr	*
	Scilly (St.Mary's)	51	42	*	0·1	Tr	7·1
	Guernsey ..	51	40	30	1	1	3·4
6	Pembroke ...	47	42	*	1	-	7·6
7	Holyhead ...	46	41	38	3	Tr	2·4
	Chester(Sealand)	51	40	33	2	-	2·6
8	Manchester ...	47	38	32	3	0·1	2·5
10	Spurn Head ...	44	36	*	1	Tr	0·8
	Catterick ...	45	38	31	4	-	2·2
	Tynemouth ...	46	39	33	5	-	0·6
11	Inchkeith ...	45	38	31	4	-	2·3
	Leuchars ...	47	35	29	5	Tr	2·4
12	Renfrew (Abbots I.)	46	37	36	1	5	4·1
	Eskdalemuir ...	43	33	33	6	1	0·4
	Point of Ayre...	44	38	x	0·4	0·2	2·1
13A	Tiree	46	33	32	0·1	14	0·6
13B	Stornoway ...	47	34	*	Tr	13	2·7
15	Dalwhinnie ...	41	31	28	2	4	2·0
	Aberdeen ...	47	36	33	4	1	5·4
16	Lerwick ...	47	39	*	-	1	*
		45	38	*	2	5	0·0
17	Blacksod Point	49	38	*	5	1	*
18	Malin Head ...	44	39	*	4	2	0·0
	Aldergrove ...	44	35	32	0·6	-	2·3
19	Birr Castle ...	48	32	25	2	0·1	3·3
20	Valentia Obsy. †	47	35	32	1	0·3	4·8
	Roches Point	47	38	*	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. (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	cr rd$_o$	cd$_o$m$_o$	bz$_o$c x	51	36	28	2	Tr	0·6	*	*	6
Croydon	217	r$_o$r$_o$d$_o$	d$_o$d$_o$r$_o$d$_o$	bz$_o$b w	49	37	33	3	-	0·0	*	*	6
Greenwich (Royal Observatory) ...	149	dcrd$_o$	d$_o$crcb	bcb x m	50	37	33	2	Tr	0·0	93	83	4
City (Bunhill Row)	—	*	*	*	*	*		*	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	51	38	31			0·0	87	87	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	50	38	34	1	-	0·1	89	86	*
Camden Square	110	cr c	cr b		50	38	31	1	-	*		78	*
Kensington	80	cardbc	bc p z	*	51	37	26	1	Tr	0·0	At 18h. 64	75	*
Hampstead Observatory	450	cod	cod	bc	48	35	24	0·4	0·1	0·4	*	94	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
1·0	19·20h 19th	<0·3	3-4h 20th

Kew Observatory.

Max.	Time.	Min.	Time.
0·5	19h 19th	0·1	3h 20th

FOREIGN OBSERVATIONS.

18h. G.M.T. 19th February. 7h. G.M.T. 20th February.

Stations	18h. Barom. mb.	18h. Wind. Direc.	18h. Wind. Force	18h. Weather.	18h. Temp. °F.	7h. Barom. mb.	7h. Wind. Direc.	7h. Wind. Force	7h. Weather.	7h. Temp. °F.
Paris	994·6	SSW	2.	c	54	1011·5	-	0	b f+	36
Brussels	996·4	S	4	pr	50	1009·0	SW	3	c	39
Berlin	1005·0	SE	4	r$_o$r$_o$	34	1008·8	NE N	2	cz$_o$	28
Zürich	1007·8	SE	1	c	48	1014·4	SSW	4	c/n	45
Rome	1008·3	SE	6	o	55	1010·1	NNE	3	bc	50

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
55	36	-	-
55	39	2	2
36	28	5	Tr
57	43	-	1
x	x	0·4	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 21st February, 1936.
No. 27119

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

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)	1010·5	+1·0	SW	3	c	48	65	7	1	-	6	2-3	7-8	4000
	Croydon ...	1010·5	+1·2	WSW	3	bc	49	55	7	1	-	3	1	4-6	4000
	S. Farnborough	1010·6	+1·0	SSW	1	bc	51	55	8	1	3	2	2-3	4-6	2500
	Boscombe Down	1010·0	+0·6	SW	3	c	48	65	7	7	-	1	4-6	7-8	2500
	Calshot (Sthmtn.)	1010·6	+0·6	S	2	bc	50	65	8	7	-	5	2-3	4-6	4000
	Lympne ...	1011·6	+1·2	SW'S	3	bc	49	65	8	1	-	4	2-3	4-6	2500
	Manston ...	1010·9	+1·0	WSW	3	bc	50	55	8	1	-	8	4-6	4-6	4000
2	Shoeburyness ...	1010·7	+1·0	SSW	3	bc	50	65	6	7	7	-	2-3	4-6	5700
	Felixstowe ...														
	Gorleston ...	1010·6	+2·4	SW'W	3	bc	48	65	6	5	-	-	2-3	2-3	4000
	Mildenhall ...	1009·8	+1·4	WSW	3	bc	49	55	7	1	-	5	2-3	2-3	2500
	Cranwell ...	1008·9	+2·2	SW'W	4	bcz.	47	65	6	1	-	-	4-6	4-6	4000
3	Birmingham ...	1008·6	+1·4	WSW	3	bc	47	55	8	1	-	1	1	2-3	4000
	Upper Heyford	1009·4	+1·0	SW'W	3	bc	48	65	8	1	-	2	2-3	4-6	2500
4	Ross-on-Wye	1008·5	+0·8	SW	3	bc	49	55	7	2	-	6	2-3	4-6	4000
5	Portland Bill ...	1009·8	+0·6	SSE	3	bc	50	75	8	4	4	-	2-3	4-6	2500
	Plymouth ...	1008·8	-0·2	SE'S	3	c	48	65	8	1	7	8	2-3	9+	4000
	The Lizard ...	1007·5	-1·0	SSE	3	pr	46	85	8	8	2	-	7-8	10	2500
	Scilly (St.Mary's)	1006·6	-0·8	SE'E	3	c/pr	46	65	8	8	2	-	4-6	10	2500
	Guernsey ...	1009·6	+0·2	SE	2	c	48	85	7	8	1	-	7-8	10	2500
6	Pembroke ...	1006·6	+0·6	SSW	2	c	48	75	8	8	2	1	4-6	7-8	2500
7	Holyhead ...	1006·2	+1·4	SW'S	4	bc	48	65	8	1	-	5	1	2-3	4000
	Chester(Sealand)	1006·9	+1·2	W'S	4	bc	51	45	8	2	-	-	2-3	2-3	2500
8	Manchester ...	1006·2	+1·4	W'S	4	bc	48	55	7	7	-	-	2-3	2-3	4000
10	Spurn Head ...	1007·8	+3·6	WSW	3	bc	45	75	7	3	7	-	2-3	4-6	2500
	Catterick ...	1005·6	+1·4	WSW	3	c	47	65	8	8	-	-	7-8	7-8	2500
	Tynemouth ...	1008·2	+2·4	W	2	bc	47	55	6	2	-	-	4-6	4-6	2500
11	Inchkeith ...	1000·6	+2·0	SSW	4	c	42	75	8	5	3	6	2-3	7-8	2500
	Leuchars ...	1000·8	+2·6	SW	3	c	43	75	7	5	7	-	4-6	7-8	1500
12	Renfrew (Abbots I.)	1000·3	+1·4	SW	5	c/pr	44	75	8	8	-	1	9	9	1500
	Eskdalemuir ...	1002·8	+1·8	SW'S	5	bc	43	65	8	7	-	1	4-6	4-6	2500
	Point of Ayre...	1004·4	+1·8	W'S	5	bc	47	75	8	2	-	-	2-3	2-3	4000
13A	Tiree	994·0	+2·6	SW	5	c	45	95	8	8	7	8	9	9+	1500
13B	Stornoway ...	991·6	+1·8	SSE	3	c	44	95	8	5	2	-	7-8	10	1500
15	Dalwhinnie ...	998·3	+2·0	S	4	ir	38	95	7	8	2	-	4-6	10	2500
	Aberdeen ...	999·6	+2·2	SW	4	bc	45	75	7	7	4	-	4-6	4-6	2500
	Wick ...	995·8	+1·6	S	6	bc	45	85	8	7	7	-	2-3	4-6	2500
16	Lerwick ...	1000·5	+1·2	SSE	8	c	40	95	7	9	2	-	7-8	10	800
17	Blacksod Point	1002·2	+1·2	W	4	bc	47	65	8	3	-	-	2-3	2-3	1500
18	Malin Head ...	998·6	+2·6	SW'S	5	c	45	95	7	5	-	-	9+	9+	1500
	Aldergrove ...	1002·0	+1·4	SW'S	5	bc	45	75	8	7	-	-	2-3	2-3	2500
19	Birr Castle ...	1004·8	+1·8	SSW	1	bc	47	65	8	4	-	-	4-6	4-6	2500
20	Valentia Obsy. †	1005·4	-0·2	SSW	3	c	49	65	9	2	3	2	2-3	7-8	2500
	Roches Point	1006·4	+1·4	SE	2	bc	46	85	8	3	-	5	2-3	4-6	1500

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

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)
1010·9	+2	S'E	2	cz.	44	65	5	-	-	9	0	7-8	-	1	*
1010·8	+2	S'E	3	bcz.	43	75	6	-	3	3	0	2-3	-	1	*
1010·6	+2	S'E	2	cz.	44	75	6	-	5	6	0	7-8	-	1	*
1009·5	-0·6	SE'S	2	c	42	85	7	5	7	-	4-6	10	4000	1	*
1010·2	-0·4	E'S	3	c	43	95	7	5	7	-	4-6	9	4000	1	2
1012·6	+0·6	SSE	2	if	42	95	8	5	-	1	9	9+	-	1	§ 1
1012·2	+0·6	S'W	3	bc	41	85	7	1	-	1	Tr	2-3	2500	1	*
1011·5	+0·4	S'W	2	bc	41	95	8	4	1	-	1	2-3	4000	1	*
1011·5	+1·0	-	0	bc	46	65	6	5	4	-	2-3	4-6	2500	1	1
1011·0	+0·6	SE'S	2	bc	43	75	7	-	3	2	0	4-6	-	1	*
1010·4	+0·2	SSE	1	bcz.	38	85	6	-	-	2	0	4-6	-	1	*
1009·2	0	S	2	cz.	43	65	5	-	-	6	0	9	-	1	*
1010·4	+0·2	SE	2	cz.	42	75	6	5	7	8	1	7-8	2500	1	*
1008·6	0	SE	2	c	43	85	6	-	2	-	0	10	-	1	*
1007·3	-0·2	ESE	3	rr	45	95	7	5	-	-	10	10	1500	1	3
1004·9	-0·6	ESE	4	rr	45	95	6	6	2	-	9	10	1500	1	2
1000·5	-0·4	ESE	6	rr	48	95	7	6	-	-	10	10	1500	1	3
997·7	-0·6	S'E	6	o/r	43	95	6	9	-	-	10	10	1500	1	3
1007·5	-1·4	SSE	3	c	48	95	7	8	1	-	9	10	1500	1	3
1005·0	-0·8	E'S	3	c	43	85	7	5	2	-	7-8	9+	2500	1	2
1006·7	+0·4	S	2	bc	43	85	8	5	3	2	1	4-6	4000	1	2
1007·9	+0·4	-	0	bc	43	55	6	-	7	1	0	4-6	-	1	*
1008·5	+0·8	SW	1	cz.	41	75	5	5	-	7	2-3	10	4000	1	*
1009·5	+1·8	SSW	2	bc	40	95	7	5	1	8	2-3	4-6	1500	0	1
1007·9	+0·8	SW'W	3	b	40	65	8	1	-	6	Tr.	1	4000	1	*
1006·6	+1·8	SW	3	bc	44	75	6	4	-	-	2-3	2-3	4000	1	2
1003·4	+1·6	SSW	4	c	42	75	7	5	3	-	4-6	7-8	2500	0	3
1003·2	+1·8	SSW	3	ir.	43	75	7	5	2	-	9	10	1500	1	*
1003·0	+1·8	SW'S	4	o/r	44	75	8	5	-	-	10	10	2500	1	*
1006·9	+1·0	SW	3	c	41	85	8	2	8	-	7-8	7-8	800	1	*
998·1	+2·6	SW'S	6	c	45	85	8	5	7	8	2-3	7-8	2500	1	3
999·2	+2·0	S	4	c/pr	44	95	7	5	2	-	7-8	10	1500	1	2
1000·6	+1·8	S	4	r.	35	95	6	4	6	-	7-8	10	1500	1	*
1002·4	+2·0	SSW	3	c	43	75	6	5	4	3	2-3	7-8	2500	1	1
998·1	+1·0	S	4	c	44	85	8	7	4	-	4-6	7-8	2500	1	3
1003·0	+1·4	SSE	7	c/r	40	95	6	9	2	-	7-8	10	800	1	*
1003·1	+1·6	W	3	bc	44	75	8	4	-	-	2-3	2-3	1500	1	3
1001·3	+2·6	SSW	4	bc	43	95	7	5	2	-	2-3	4-6	1500	0	3
1004·0	+1·4	S'W	4	b	41	75	8	4	3	5	1	1	2500	1	*
1004·9	+2·2	S	1	bc	44	75	8	5	-	3	2-3	4-6	2500	1	*
1005·2	-2·2	-	0	c	44	85	9	7	-	2	2-3	7-8	2500	1	2
1005·1	-0·6	SE	2	bc	43	85	9	5	4	-	4-6	4-6	1500	1	3

PAST 24 HOURS.

State of Ground. 0–9 (29)	Sea. 0–9 (30)	Weather. 7h.—13h. 20th. (37)	Weather. 13h.—18h. 20th. (38)	Weather. 18h. 20th to 1h. 21st. (39)	Weather. 1h.—7h. 21st. (40)
1	*	bm.bc	bbcz.	bc ir.	cm.r.
1	*	bbczy	bciyz.	bcir.	cr.r. Rc
1	*	bbcy	beym.	crer.	r.bceir.
1	*	bm.bc	bcc	c	c
1	2	bwbbc	bcc	cor.crrir.	eirrc
1	§ 1	bm.bc	bcif	fbcm.c	chRc
1	*	bbc	bcyb	m.Fbcb	borcq
1	*	bbcz.	bcz.b.	bc	circ
1	1	bc	bcz.	bz.bc	bcepr
1	*	bm.bc	bc	bz.bc	bcr.r.c
1	*	bbcz.	bcz.	bcbxc	rrcm.
1	*	bcb	bbc	corr	Oirc
1	*	bxbc	bbcm.	cbccr.r.	cr.r.m.
1	*	bbc	bcyc	cr.or	cc
1	3	bc	orr	rro	oc
1	2	bxz.c	cr.rm.	crrir.m.	cmcv
1	3	bcc	cpmr.	rre	c
1	3	cp.c	cpgrr.	cp.bc	bc
1	3	bcc	cdr	cpr bc	co
1	2	bcc	c	ogirm.o	cdcq
1	2	b	bbc ⊕	cRRq	cRRr
1	*	by	bcy	bcfcr R	crR r.r.o.
1	*	bcbm.bc	bcycz.	cbccr	cpr.r
0	1	bc	btc	bc	cpr
1	*	cbc	bcbyb.	bccr.r.m.	bx bc
1	2	cbcm	bc	bc	bco ir.
1	3	c	c	cbc	bceir
1	*	cbcc	cr.	cr.bx	bxcr.m.
1	*	cm.pr.bcc	cpr.ir.	cb	bbccm.b
1	*	cbc	c	cbcm.	r.s.o.r.s.
1	1	be	bc	bc oo	orrRR
1	3	cir.	cir.	bc	bc
1	2	crrc	cpr.	crrq	crrq
1	*	ire	rre	* r	ire
1	1	cz.bc	bcbcz.	bczc	ccm.
1	3	bcq	bcc	cpr.c	cbc
1	*	cir	cirm.	c	orrc
1	*	bc	bc		prcq
1	3	bc	bc	cbc	bcd
1	*	c	cbc	cir. bbc	bbee cir.
1	*	b	bbcb		
1	*	bo	bc	bc	bcx
1	2	cor cv.	cv	bxbcx	cvbcwbx
1	3	bbc ⊕	cbc	bc	cbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{10}$ of the sky.
"9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

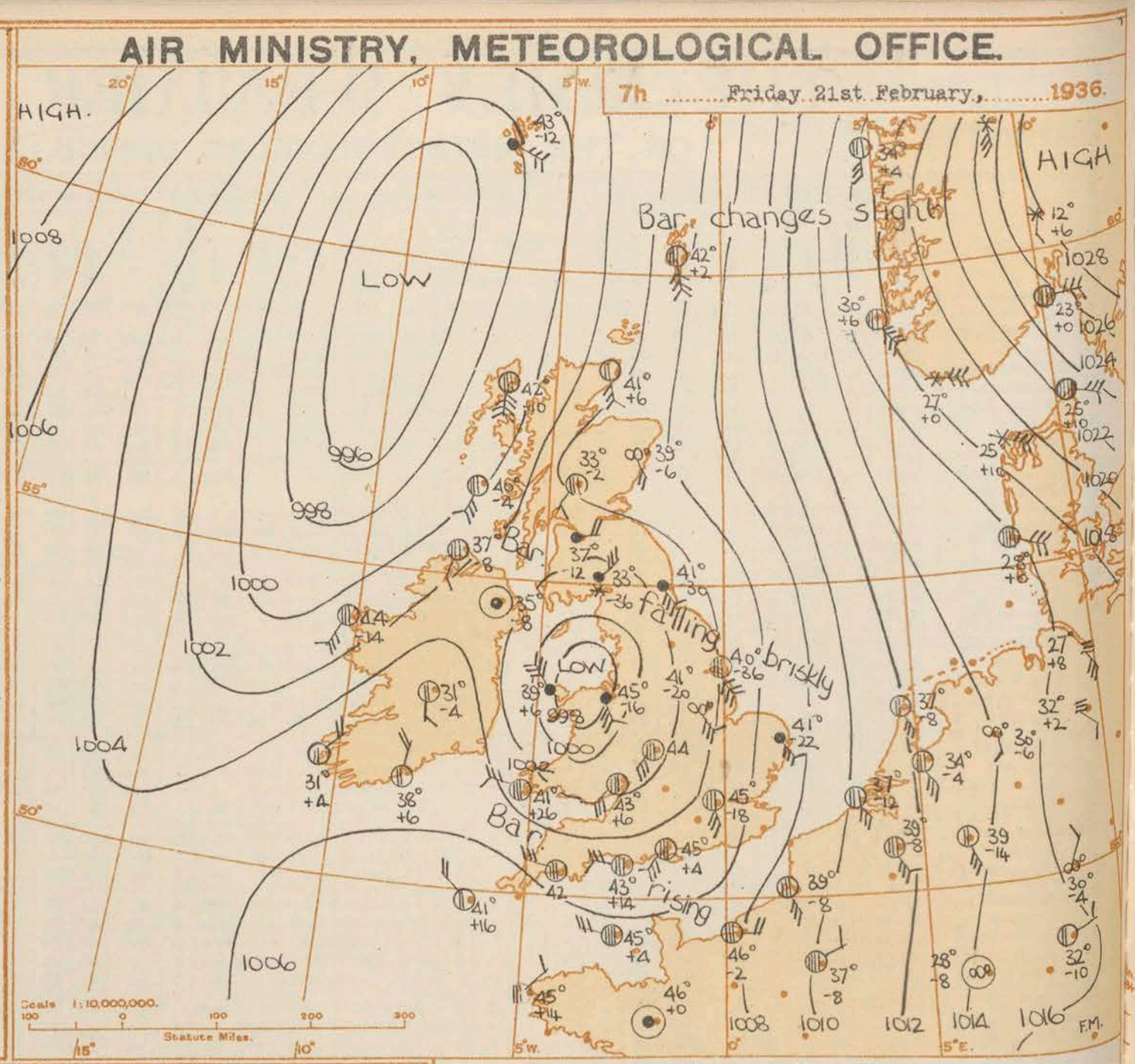
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 20th February ..... 1936.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 19th to 9h. 20th	Temperature. Max. 9h.—17h. 20th	Rainfall. Night. 17h. 19th to 9h. 20th	Rainfall. Day. 9h.—17h. 20th	Sunshine. Sunrise to Sunset. 20th.
1	Tunbridge W.	bbc	bcb	32	51	Trace	–	8·9
	Bournemouth	b	bbo	37	53	–	–	6·3
	Ventnor ...	b	bbem	40	52	-	-	8·0
	Southsea ...	bcb	bbc	37	53	-	-	7·9
	Bognor Regis	bbc	bcb	38	49	-	-	8·5
	Littlehampton	bbc	bc	35	49	-	-	8·9
	Worthing ...	b	b	36	50	Trace	-	8·1
	Brighton ...	b	b	37	48	-	-	7·4
	Eastbourne†	bbc	bcb	41	51	-	-	8·2
	Hastings† ...	bbc	bcbbc	38	50	-	-	8·0
	Folkestone ...	bbc	bcbbc	36	50	0·1	-	7·9
	Dover... ...	bbc	bcb	38	49	-	-	8·7
	Deal	b	b	38	51	-	-	8·8
	Ramsgate ...	b	bbcb	38	51	-	-	8·4
	Margate ...	bc	bc	38	52	-	-	8·9
2	Southend ...	b	b	36	52	Trace	-	8·9
	Maldon ...	mb	bbc	34	50	-	-	7·0
	Clacton-on-Sea	bmb	bbc	35	48	-	-	8·0
	Dovercourt ...	xb	bc	35	50	-	-	7·2
	Lowestoft ...	prbc	b	36	50	0·6	-	9·0
	Skegness ...	bc	bc	36	47	0·1	-	8·2
	Mablethorpe	bcm,b	bbcm,	34	48	0·3	-	8·2
	Cleethorpes...	bcz	b	35	49	0·2	-	8·5
3	Leamington S.	b	bbc	35	50	-	-	6·8
4	Cheltenham†	m,bbm	bbcqc	34	49	-	-	7·2
5	Bath	bbc	bbcc	34	51	-	-	5·3
	Weymouth ...	b	bc	37	52	-	-	5·4
	Jersey ...	bcc	cpc	44	50	-	Trace	3·8
	Torquay ...	wbbc	bccop	33	49	-	0·2	4·0
	Penzance ...	bbcr,	rrr	36	48	-	3	1·9
	St. Ives ...	c	pr	39	49	-	Trace	1·7
	Bude	bc	cor	38	51	-	Trace	3·1
	Ilfracombe ...	pcbcb	bcco	40	50	1	-	3·6
6	Aberystwyth	bcb	bcc	41	50	-	-	6·5
7	Llandudno ...	b	bbc	37	48	0·2	-	8·1
	Colwyn Bay...	bbcb	bcbcb	37	50	-	-	7·3
	Rhyl	b	bbc	37	50	-	-	8·1
8	Wallasey ...	bbc	bc	37	49	-	-	7·6
	Southport‖ ...	b	bbcb	40	48	0·2	-	7·8
	Blackpool ...	bcb	bbc	36	46	0·4	-	8·0
	Morecambe ...	rcb	b	35	46	0·5	-	8·1
9	Ilkley... ...	bc	bc	37	48	1	-	6·1
	Harrogate ...	cbc	bc	38	47	0·2	-	4·7
10	Berwick-on-T.	bc	b	34	47	Trace	-	8·8
11	Dunbar ...	bc	bc	37	48	0·3	-	5·0
12	Troon... ...	bcbcc	cbcbc	39	45	1	-	4·2
	Douglas ...	bc	bc	38	47	-	-	8·3

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



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 21st February, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Moderate southwest wind; mainly fair at first, occasional rain later; local fog tonight; rather mild.
5 S.W. England 6 South Wales ...	Freshening southerly wind, veering, strong locally; bright periods and local showers at first followed by a period of rain, bright periods later; mild.
7 North Wales	
8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Moderate or fresh winds becoming southwest and decreasing; rain at first with snow on high ground, bright periods and local showers later; local fog tonight; average temperature or rather cold.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. / B.N.W. Scotland. 14 Mid Scotland 15 N. E. Scotland	Moderate or fresh east wind, becoming southerly; rain at first, with snow on high ground, bright periods and showers later; rather cold.
16 Orkneys and Shetlands V	Wind southeast, strong to gale; cloudy, rain at times; average temperature.
17 N.W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Light southwest wind; bright periods, local showers, local fog tonight; average temperature, frost locally at night.

L.G.

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

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

GENERAL INFERENCE.

A depression off the Hebrides is almost stationary and a secondary depression over North Wales is moving north-northeast. Further depressions are approaching from the southwest. Weather will continue unsettled and rather mild.

FURTHER OUTLOOK.

Unsettled, rather mild in the South, rather cold in the North.

Time of issue of Gale Warning.

V South Cone hoisted at 0945 on 21st in district 16 (part of)

Forecasts issued at 1000 G.M.T.

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

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

Morning of

FRIDAY
21ST FEBRUARY.

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 21st February, 1936.
No. 27119

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

District.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1006·2	-14	SSE	3	r.r.	43	85	8	-	7	-	0	9	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	348	1010·4	-14	SE'E	4	c	44	75	7	5	-	-	7-8	7-8	1500
	Manston ...	142	1010·6	-12	SE'E	5	bc q	43	85	6	5	-	-	2-3	2-3	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1002·2	-2	SE	2	bc	38	95	6	5	-	-	2-3	2-3	4000
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	222	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1003·4	-16	S	5	0	48	95	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1001·8	+30	W'N	6	c	43	95	8	5	2	-	7-8	10	1500
	Scilly (St.Mary's)	163	1003·2	+50	NNW	6	c	42	85	8	3	-	-	4-6	4-6	1500
	Guernsey ...	175	1006·2	-6	S	4	c	48	95	7	8	-	-	10	10	2500
6	Pembroke ...	142	996·7	-24	SSE	3	ir	45	95	6	5	-	-	10	10	1500
7	Holyhead ...	26	1003·5	-20	ENE	5	RR	38	95	6	6	-	-	10	10	1500
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1009·5	0	SES	2	bc	38	95	7	-	1	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1008·5	+2	NSW	1	bc	38	85	6	4	-	-	4-6	4-6	1500
11	Inchkeith ...	180	1006·2	+10	SSW	3	bc	39	95	8	5	-	-	2-3	2-3	4000
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1006·3	0	SW	5	0	41	95	8	5	-	-	10	10	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	999·9	+20	SW	5	c/r	42	95	7	5	2	-	7-8	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	87	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1002·2	+16	SSW	3	c	43	95	8	8	7	-	7-8	10	1500
16	Lerwick ...	156	1005·5	+8	SSE	7	c	41	85	7	8	2	-	7-8	9+	800
17	Blacknod Point	18														
18	Malin Head ...	52	1003·0	0	S	3	bc	37	95	8	5	-	-	2-3	2-3	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1005·8	0	W	2	b	37	95	8	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1002·2	-14	S	3	o/c	45	85	6	5	-	-	10	10	2500	1	*
	Croydon ...	1004·5	-18	SSE	3	c/r	45	85	6	5	2	-	9	10	1500	1	*
	S. Farnborough	1004·1	-8	SSW	2	c/r	46	95	7	5	-	2	9	9+	800	1	*
	Boscombe Down	1003·2	+2	SSW	4	o	45	85	7	5	-	-	10	10	800	1	*
	Calshot (Sthmtn.)	1005·2	+4	SW	4	o	45	95	7	5	-	-	10	10	1500	1	3
	Lympne ...	1007·4	-14	SE'S	3	c	42	85	7	5	2	-	4-6	10	2600	1	§
	Manston ...	1006·8	-26	ESE	4	c q	42	85	7	5	7	-	2-3	9+	1500	1	*
2	Shoeburyness ...	1006·4	-14	SE	3	c	43	95	8	5	2	-	4-6	9+	2500	1	*
	Felixstowe ...																
	Gorleston ...	1007·6	-22	SE	4	p/c	41	85	6	6	-	-	9	9	1500	1	2
	Mildenhall ...	1004·9	-20	SE'E	4	c	43	85	7	5	7	5	7-8	10	1500	1	*
	Cranwell ...	1003·4	-20	SE	4	c/o	41	95	6	6	2	-	9	10	800	1	*
3	Birmingham ...	1001·4	-10	SSW	3	o	44	95	8	5	-	-	10	10	1500	1	*
	Upper Heyford	1002·4	-10	S	3	ir	45	95	6	5	-	-	10	10	800	1	*
4	Ross-on-Wye	1000·9	+6	SW	4	o	43	85	7	5	-	-	10	10	1500	1	*
5	Portland Bill ...	1004·2	+14	WNW	4	c	43	95	7	4	-	-	10	10	2500	1	4
	Plymouth ...	1005·5	+20	WNW	3	c	42	85	8	5	-	-	9+	9+	1500	1	2
	The Lizard ...	1006·4	+18	NW	2	c	41	85	8	8	2	-	7-8	9	2500	1	2
	Scilly (St.Mary's)	1006·9	+16	NNW	2	bc	41	85	8	8	-	-	4-6	4-6	2500	1	2
	Guernsey ...	1006·3	+4	WNW	3	o	45	95	7	5	-	-	10	10	2500	1	3
6	Pembroke ...	1003·6	+26	WNW	4	c q	41	85	7	8	7	-	7-8	9+	2500	1	3
7	Holyhead ...	999·7	+6	NWN	6	ir	39	95	7	6	-	-	10	10	800	1	3
	Chester(Sealand)	997·7	-16	SSE	4	id.	45	85	6	-	2	-	10	10	2500	1	*
8	Manchester ...	999·4	-26	SSE	4	ir.	43	95	6	6	2	-	7-8	10	1500	1	*
10	Spurn Head ...	1003·2	-36	SE'S	6	c	40	95	7	5	2	-	4-6	10	1500	1	5
	Catterick ...	1001·5	-38	SE'S	2	r/o.	39	95	6	6	2	-	9+	10	800	1	*
	Tynemouth ...	1002·8	-30	SSE	4	ir.	41	85	7	6	-	-	10	10	1500	1	2
11	Inchkeith ...	1006·4	+4	SE	2	rr	37	95	7	6	-	-	10	10	800	1	2
	Leuchars ...	1005·1	-10	SE	3	c/r	37	95	6	5	2	-	7-8	10	1500	1	*
12	Renfrew (Abbotsl.)	1003·6	-12	E'N	2	ir.	37	95	5	5	2	-	9	10	2500	1	*
	Eskdalemuir ...	1001·7	-36	NE	3	r.s.	33	95	4	5	-	-	10	10	220	3	*
	Point of Ayre...	1000·2	-28	ENE	6	RR	36	95	7	6	-	-	10	10	800	1	3
13A	Tiree	1000·5	-4	SSW	4	c	40	95	7	5	7	-	4-6	7-8	2500	0	*
13B	Stornoway ...	999·1	+10	SSW	7	c	42	85	8	5	7	-	4-6	7-8	1500	1	3
15	Dalwhinnie ...	1005·1	-2	SW	1	c	33	95	6	4	2	-	7-8	10	1500	4	*
	Aberdeen ...	1005·6	-6	SE	2	c/o	39	95	6	5	7	-	7-8	9+	2500	1	1
	Wick ...	1003·0	+6	S	4	bc	41	85	8	5	1	-	2-3	4-6	1500	1	3
16	Lerwick ...	1005·0	+2	S	6	c	42	95	7	9	2	-	7-8	9+	800	1	*
17	Blacknod Point	1001·2	-14	SW	4	c	44	95	7	9	-	-	7-8	7-8	800	1	3
18	Malin Head ...	1000·8	-8	SSW	1	c	37	95	7	5	-	-	9+	9+	2500	0	2
	Aldergrove ...	1002·1	-8	-	0	ir.	35	95	7	6	7	-	9	10	1500	1	*
19	Birr Castle ...	1004·3	-4	S	1	bc	31	95	8	-	4	-	0	2-3	-	1	*
20	Valentia Obsy. †	1005·7	+4	NE'E	2	bc	31	95	8	7	3	-	1	2-3	2500	5	3
	Roches Point	1005·3	+6	NNE	2	bc	38	84	9	-	-	4	0	4-6	-	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 20th Hrs. (36)
1	London (Kew)	49	42	37	-	1	7·9
	Croydon ...	52	40	33	Tr.	3	7·9
	S. Farnborough	52	42	34	-	2	8·0
	Boscombe Down	50	41	39	-	4	6·6
	Calshot (Sthmtn.)	52	42	42	-	1	7·6
	Lympne ...	50	40	37	-	2	8·7
	Manston ...	51	38	31	-	1	8·9
2	Shoeburyness ...	51	38	33	-	2	8·6
	Felixstowe ...						
	Gorleston ...	50	38	37	-	0·1	8·6
	Mildenhall ...	51	37	33	-	1	8·7
	Cranwell ...	48	33	27	-	2	7·7
3	Birmingham ...	48	38	36	-	5	7·8
	Upper Heyford	50	38	32	-	2	*
4	Ross-on-Wye	51	41	38	-	4	7·2
5	Portland Bill ...	51	42	*	0·6	3	*
	Plymouth ...	50	42	39	3	4	3·1
	The Lizard ...	48	40	*	5	1	*
	Scilly (St.Mary's)	49	40	*	1·4	0·6	0·3
	Guernsey ...	51	44	42	1	1	3·6
6	Pembroke ...	49	37	*	-	11	4·7
7	Holyhead ...	48	36	36	-	14	8·2
	Chester(Sealand)	52	35	27	-	5	7·6
8	Manchester ...	50	38	28	-	1	7·0
10	Spurn Head ...	*	36	*	-	1	8·0
	Catterick ...	47	29	23	-	3	6·3
	Tynemouth ...	49	35	29	-	0·6	6·4
11	Inchkeith ...	45	36	33	-	0·5	3·7
	Leuchars ...	46	35	27	Tr	Tr	4·6
12	Renfrew (Abbotsl.)	45	33	29	0·1	Tr	1·5
	Eskdalemuir ...	43	31	29	0·1	3	3·4
	Point of Ayre...	48	35	*	-	8	8·6
13A	Tiree	47	39	37	0·6	-	0·4
13B	Stornoway ...	46	41	*	2	2	1·2
15	Dalwhinnie ...	39	33	28	5	1	0·0
	Aberdeen ...	46	37	31	-	-	2·4
	Wick ...	46	40	*	-	Tr	*
16	Lerwick ...	41	38	*	Tr.	1	0·0
17	Blacknod Point	48	41	*	-	0·2	*
18	Malin Head ...	46	34	*	-	-	2·4
	Aldergrove ...	47	35	31	-	Tr	9·1
19	Birr Castle ...	49	30	20	-	-	7·6
20	Valentia Obsy. †	50	30	26	0·1	0·1	5·1
	Roches Point	47	37	*	-	-	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs.	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	bm.bc	bbc.	bcirc.	49	42	37	-	1	7·9	*	*	6
Croydon	217	bbc.y	bcyz.	bcerk.	52	40	33	Tr	3	7·9	*	*	6
Greenwich (Royal Observatory)...	149	b	bc	bceidr	52	41	33	-	2	7·9	50	91	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	6·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	51	40	36	2		6·3	47	84	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	51	40	40	-	2	6·7	58	85	*
Camden Square	110	b	bbc	*	51	44	34	-	2	*	*	86	*
Kensington	86	bz.bc	bc	*	51	44	33	-	2	7	At 18h. 64	87	*
Hampstead Observatory	450	bc	bc	or	49	40	32	-	1	6·1	*	94	*

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 20th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 21st February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1013·7	S	1	c z.	48	1010·1	ENE	1	c/pr	37
Brussels	1013·6	-	0	b	41	1011·1	SE	4	c	39
Berlin	1014·7	ESE	3	s.s.	27					
Zürich	1017·3	S	1	bc	43	1016·3	SE	1	bc m	32
Rome	1011·9	NW'W	3	b	55					

Past 24 Hours.

Stations.	Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris	54	36	-	Tr
Brussels	52	36	Tr	-
Berlin	28		2	
Zürich	50	30	-	-
Rome	*		-	

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
1·3	18–19h 20th	0·5	1–4h 21st

Kew Observatory. Max.	Time.	Min.	Time.
0·5	21h 20th	<0·1	1–7h 21st

EXPLANATION OF FIGURES, LETTERS, etc.

COLUMNS 2, 18.
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

Saturday 22nd February, 1936.
No. 27120

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	%Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1006·6	+10	WNW	2	$0z_o$	45	75	6	5	-	-	10	10	2500
	Croydon ...	1006·3	+6	W	4	0	45	75	6	5	-	-	10	10	1500
	S. Farnborough	1006·7	+6	WN	2	0	45	65	7	5	-	-	10	10	2500
	Boscombe Down	1006·9	+10	NW	3	c	43	75	7	5	-	-	9+	9+	2500
	Calshot (Sthmtn.)	1007·3	+12	WN	3	c	45	75	8	7	5	6	2·3	9	4000
	Lympne ...	1007·3	-2	SSW	3	c	47	85	6	6	7	-	7·8	9+	800
	Manston ...	1006·5	-4	SW	4	c	50	85	7	5	-	-	9	9	800
2	Shoeburyness ...	1006·4	+8	SW	4	0	47	85	7	5	-	-	10	10	2500
	Felixstowe ..														
	Gorleston ...	1006·2	-8	SE'S	4	c	43	95	6	5	-	-	9+	9+	1500
	Mildenhall ...	1005·6	+10	SW	4	c	47	75	7	8	7	-	7·8	10	2500
	Cranwell ...	1004·7	+18	SWW	4	cz_o	42	75	6	5	2	-	9	10	1500
3	Birmingham ...	1005·8	+18	WSW	3	c	41	7	6	5	-	-	7·8	7·8	2500
	Upper Heyford	1006·3	+12	WN	3	c	42	65	8	5	-	-	9+	9+	2500
4	Ross-on-Wye	1004·8	+6	NW	2	c	45	65	9	4	-	-	9	9	4000
5	Portland Bill ...	1007·1	+12	WNW	3	bc	47	75	8	4	4	-	2·3	4·6	2500
	Plymouth ...	1007·4	+2	SSW	1	bc	48	75	8	7	3	-	4·6	4·6	2500
	The Lizard ...	1007·7	+0	WSW	1	bc	50	75	8	8	6	-	2·3	4·6	2500
	Scilly (St.Mary's)	1007·7	+2	SWW	2	c	50	65	8	1	-	3	4·6	7·8	4000
	Guernsey ...	1007·7	+2	NE	1	c	45	75	9	5	-	-	7·8	7·8	2500
6	Pembroke ...	1005·7	+6	WN	2	bc	45	75	8	1	-	-	2·3	2·3	4000
7	Holyhead ...	1003·5	+12	SWW	4	bc	46	75	8	8	8	-	2·3	2·3	2500
	Chester(Sealand)	1004·0	+22	WNW	4	cz_o	46	65	6	8	7	-	7·8	9	1500
8	Manchester ...	1003·7	+22	WN	4	c	42	85	7	8	-	-	9+	9+	1500
10	Spurn Head ...	1002·9	0	WSW	5	c	42	85	6	5	2	-	4·6	10	1500
	Catterick ...	1000·5	+10	SE	4	cz_o	38	85	6	9	8	-	7·8	9+	800
	Tynemouth ...	998·7	-8	S	4	c	43	95	6	6	-	-	7·8	7·8	1500
11	Inchkeith ...	998·0	-24	E	2	rr	40	95	7	6	-	-	10	10	800
	Leuchars ...	997·8	-22	ESE	4	b/r	42	95	6	5	-	-	10	10	2,20
12	Renfrew (Abbotsl.)	999·6	-16	WNW	3	r_o	36	95	5	6	-	-	10	10	800
	Eskdalemuir ...	997·7	-10	-	0	rr	34	95	5	-	2	-	10	10	450
	Point of Ayre...	998·5	+6	SW	5	c	43	85	8	2	-	-	7·8	7·8	2500
13A	Tiree	998·6	-16	SE'S	4	c	43	95	7	8	7	7	4·6	10	2500
13B	Stornoway ...	999·0	+2	SE	5	c	44	75	8	5	7	3	4·6	9+	1500
15	Dalwhinnie ...	1001·6	-28	NE	1	sh	38	95	6	5	-	-	10	10	1500
	Aberdeen ...	1000·6	-38	SE	5	rr	41	95	6	6	-	-	10	10	450
	Wick ...	1008·8	+2	SSE	5	$r_o r_o$	40	95	7	8	2	-	7·8	10	1500
16	Lerwick ...	1006·7	+4	SSE	7	c/r_o	41	95	6	5	2	-	4·6	10	800
17	Blacksod Point	1001·7	-6	W	3	iR	44	95	7	8	-	-	10	10	800
18	Malin Head ...	998·8	-16	S	3	c	42	95	8	5	1	-	7·8	9+	2500
	Aldergrove ...	1001·0	-8	S'W	3	c	41	86	8	7	7	6	2·3	7·8	2500
19	Birr Castle ...	1003·9	-4	SSW	2	bc	46	65	8	4	-	-	4·6	4·6	2500
20	Valentia Obsy. †	1006·2	-2	SWW	4	bc	47	65	9	8	-	-	4·6	4·6	2500
	Roches Point	1006·0	-2	W	2	bc	46	85	9	3	-	-	4·6	4·6	1500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1007·7	+8	-	0	bz_o	42	65	6	5	-	-	Tr	Tr	4000	1	*
	Croydon ...	1007·2	+6	WNW	2	cz_o	43	65	5	5	-	-	9+	9+	2500	1	*
	S. Farnborough	1007·3	+6	-	0	b	39	85	7	5	-	1	1	1	4000	1	*
	Boscombe Down	1007·3	+2	SW'W	1	b	41	75	7	5	-	-	1	1	2500	1	*
	Calshot (Sthmtn.)	1007·8	+2	-	0	bcz_o	42	85	6	7	-	-	2-3	2-3	4000	1	0
	Lympne ...	1007·5	+6	NWN	2	bcz_o	42	85	6	5	3	-	4-6	4-6	2500	1	S1
	Manston ...	1007·1	+8	WNW	3	cz_o	44	75	5	5	-	-	9	9	2500	1	*
2	Shoeburyness ...	1007·4	+8	NW	2	c	42	85	6	5	1	-	7·8	9+	2500	1	*
	Felixstowe ..																
	Gorleston ...	1006·7	+6	W	2	oz_o	44	75	6	5	-	-	10	10	2500	1	2
	Mildenhall ...	1006·8	+8	-	0	bcz_o	40	85	5	5	4	1	Tr.	2,3	4000	1	*
	Cranwell ...	1006·6	+6	S	2	bz_o	37	95	6	1	-	-	Tr	1	4000	1	*
3	Birmingham ...	1006·3	+4	WSW	2	bz_o	42	55	5	5	-	-	Tr	Tr	2500	1	*
	Upper Heyford	1007·0	+6	SW	1	b	41	75	8	4	-	1	1	1	2500	1	*
4	Ross-on-Wye	1005·8	0	SW'W	2	b	43	65	8	7	-	-	1	1	4000	1	*
5	Portland Bill ...	1006·7	-4	W	2	c	44	85	7	4	-	-	7·8	7·8	2500	1	3
	Plymouth ...	1007·1	0	W	1	bc	45	85	7	4	7	6	1	4·6	4000	1	1
	The Lizard ...	1007·0	-2	SW'W	1	c	44	85	8	8	2	-	7·8	9	2500	1	2
	Scilly (St.Mary's)	1006·9	-4	-	0	c	44	75	8	4	7	-	4-6	9+	2500	1	1
	Guernsey ...	1007·4	-6	-	0	c	43	85	9	1	7	-	2·3	9	4000	1	2
6	Pembroke ...	1005·7	0	WSW	2	bc	44	85	8	5	7	-	4-6	4-6	2500	1	2
7	Holyhead ...	1003·4	+4	SSW	4	b	43	85	8	5	3	-	Tr	1	4000	1	3
	Chester(Sealand)	1004·5	+8	SSW	3	b	43	55	8	1	-	-	1	1	1500	1	*
8	Manchester ...	1004·6	+10	SW'W	2	bz_o	39	85	6	1	-	-	1	1	4000	1	*
10	Spurn Head ...	1004·7	+12	SSW	2	bc	39	95	7	5	1	-	2-3	4-6	4000	0	1
	Catterick ...	1003·3	+14	S'W	2	bc	39	75	8	8	8	-	2-3	4-6	2500	1	*
	Tynemouth ...	1001·2	+16	WSW	3	bc	41	75	6	2	-	-	4-6	4-6	2500	1	2
11	Inchkeith ...	999·0	+10	SW	4	c	37	95	7	5	3	-	7·8	9	1500	1	3
	Leuchars ...	997·0	+8	SW	3	ir_o	36	95	6	6	2	-	4-6	10	1500	1	*
12	Renfrew (Abbotsl.)	998·4	-2	SW	1	cz_o	38	95	5	5	2	-	7·8	9+	2500	1	*
	Eskdalemuir ...	1000·0	+10	S	1	$r_o r_o$	35	95	6	-	2	-	10	10	220	6	*
	Point of Ayre...	1000·5	-8	SW	4	pr.	43	85	8	5	-	-	7-8	7-8	2500	1	2
13A	Tiree	999·5	-8	SE	3	ir_o	42	95	7	9	7	-	9+	10	1500	1	2
13B	Stornoway ...	999·7	-10	SE	3	c	41	85	8	5	7	-	4-6	9	1500	1	2
15	Dalwhinnie ...	998·5	-6	E	1	ss	32	95	6	6	-	-	10	10	1500	7	*
	Aberdeen ...	997·6	-18	SE'S	3	oz_o	42	95	5	6	-	-	10	10	450	1	3
	Wick ...	997·6	-12	SE	8	rr	42	95	6	6	2	-	7-8	10	800	1	4
16	Lerwick ...	1005·6	-6	SE	7	ir_o	38	96	6	9	2	-	7-8	10	800	1	*
17	Blacksod Point	1000·4	0	W	3	c	44	85	8	5	-	-	7-8	7-8	1500	1	3
18	Malin Head ...	999·6	-4	WSW	2	c	43	95	7	5	-	-	7-8	7-8	1500	0	2
	Aldergrove ...	998·9	-10	SSW	5	ir_o	41	95	8	6	2	-	9	9+	1500	1	*
19	Birr Castle ...	1002·8	+2	SW	2	ir_o	42	85	8	6	2	-	9	10	2500	1	*
20	Valentia Obsy. †	1004·9	-6	SW'W	3	b	44	65	9	7	-	1	Tr.	Tr	2500	1	2
	Roches Point	1004·5	-6	W	2	bc	46	65	9	7	-	1	2-3	2-3	2500	1	3

PAST 24 HOURS.

Weather. 7h.—12h. (37)	12h.—18h. (38)	18h.—1h. (39)	1h.—7h. (40)
21st.	21st.	22nd.	22nd.
cm.	cz_o	bmbF	boFx
$cm_o d_o e$	cz_o	cz_obmx	bcm$_o$xm
c	cebc	blbxfbm	bmxfo
c	cb.	bccm$_o$	cm$_o$
c	cbcbm$_o$	bm$_o$	bcm$_o$cim
$cpir_o$	cbc'w.	bcbm$_o$x	cm$_o$x
$cpr_o c$	ccm.	bcbm m$_o$	bmxcm$_o$
$cm_o e$	cm_o	cbcm$_o$	bcxcm
$cpr_o c$	$cz_o z_o$	$bz_o z_o$	bcc xz$_o$
$cr_o e$	cbcm.	bccm$_o$	cmx
cir_o	$bcz_o b$	bm$_o$x	bccm$_o$x
cbc	bc	b	bxcm
cr_o	cbcb	bxc	cxm$_o$
cbccv	bcvy	bw	bcxmcm
cbc	bcc	bcc	crrz$_o$
cbcv	bcv.	bcbbcc	cir$_o$m$_o$
cbc	bcc	co	ccrr
bcc	cbcc	cbcc	cr$_o$r$_o$
oc	cbcc	cbcc	corr
cqbc	bc	bcc	cFem$_o$c
ir_obc	bcb	bbc	bcc
cm_o	cbcm$_o$	b	bmx$_o$
$cpr_o c$	cbz_o	bm$_o$	bm$_o$cf
c	cbc	bc	bcxcz
$cr_o m_o r_o$	cm_ocbc	bcc	cbcxm$_o$
$cr_o q_o c$	cbc	bc	bc
cir	ircirc	circ	cir$_o$c
crrir	ar_ocir$_o$	cir$_o$m$_o$	ccm$_o$
$cr_o r_o r_o$	$cr_o r_o$cbc	cm$_o$bcm	cmirfm$_o$
R5r	rscm$_o$	sRr_oc	$epr_o r_o$
prsc	epr_o	proo	$o pr_o c$
c	cir_o	cir	cir
c	c	bcc	cbc
isc	ss.	*	cir
corr	$r_o r_o$.	$r_o$cm$_o$	cbcm$_o$
$cr_o r$	$cr_o rr$.	crrm$_o$	pm$_o$c
cir	cir_om$_o$	orr irm$_o$	cirrm$_o$
iR	iR	prc	prc
c	c	epr_obc	bepr
cbcmbc	bccir	e	cz_o
$bepr_o$	$bccir_o$	cir_o	cir$_o$bcx
bcxprbcv	bcvyb.	$bccpr_o$	pr$_o$bcx
bcvpbc	bcvpbc	bcbw	bwbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{10}$ of the sky.
"9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

† See disturbance reported from Dungeness.

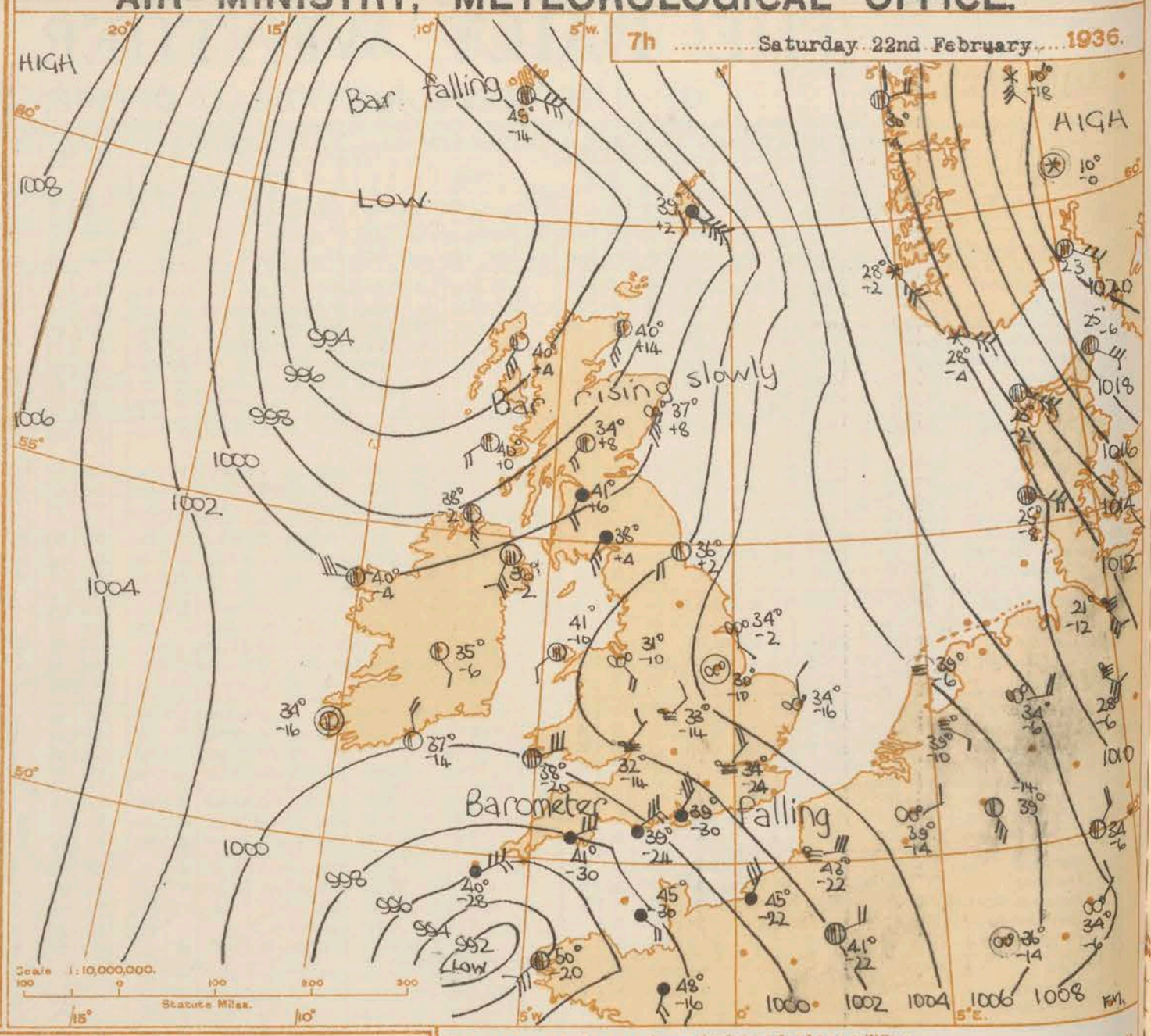
REPORTS from HEALTH RESORTS for 21st February 1936.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 20th to 9h. 21st	Temperature. Max. 9h.—17h. 21st	Rainfall. Night. 17h. 20th to 9h. 21st	Rainfall. Day. 9h.—17h. 21st	Sunshine. Sunrise to Sunset. 22 s.
1	Tunbridge W.	c	coc	38	47	1	—	0·1
	Bournemouth	c	b	38	49	6	-	5·0
	Ventnor ...	robc	pc	43	48	0·5	-	3·5
	Southsea ...	ochc	bcb	43	47	1	-	3·3
	Bognor Regis	bcobc	bcbc	43	47	1	-	2·1
	Littlehampton	c	cbc	39	48	0·5	-	2·1
	Worthing ...	c	cbc	39	47	1	-	1·6
	Brighton ...	c	cb	42	46	1	-	1·1
	Eastbourne†	o	o-cb	44	48	1	-	1·6
	Hastings† ...	ococ	cbc	43	48	1	-	0·5
	Folkestone ...	oPo	ocbc	39	46	1	0·1	0·2
	Dover... ...	od$_o$	od$_o$bc	37	48	2	Trace	0·0
	Deal	oco	coc	42	49	2	-	1·0
	Ramsgate ...	pc	c	42	48	1	0·2	0·1
	Margate ...	cp	c	41	50	1	0·2	0·4
2	Southend ...	co	ocz	38	48	0·5	-	0·4
	Maldon ...	roc	c	35	49	1	-	0·2
	Clacton-on-Sea	cbcc	co	37	46	2	-	0·3
	Dovercourt ...	cbc	bcc	39	48	2	-	0·0
	Lowestoft ...	proc	c	39	46	0·3	-	0·1
	Skegness ...	obc	obc	36	45	2	-	0·6
	Mablethorpe	om$_o$c	cbcm$_o$	34	46	2	-	0·9
	Cleethorpes ...	o	bcr$_o$	32	46	1	Trace	1·3
3	Leamington S.	cbc	bc	37	47	1	-	3·6
4	Cheltenham†	c	cbcb	39	48	4	-	3·1
5	Bath	cbc	bcb	40	49	6	-	6·2
	Weymouth ...	cb	b	41	52	5	-	5·6
	Jersey ...	pcc	c	44	47	0·2	-	0·1
	Torquay ...	bcc	cbbc	37	49	8	-	4·3
	Penzance ...	b	b	38	52	5	-	7·0
	St. Ives ...	b	b	41	49	5	-	8·1
	Bude	bc	bc	39	49	6	-	7·1
	Ilfracombe ...	cbc	bbc	40	48	5	-	7·1
6	Aberystwyth	rcbc	bbc	39	47	4	-	7·8
7	Llandudno ...	cbc	bcb	38	46	8	-	5·3
	Colwyn Bay...	ccbcb	bcbcb	37	47	5	-	5·5
	Rhyl	cbc	bcb	37	48	3	-	5·2
8	Wallasey ...	cbcb	b	39	46	3	-	4·5
	Southport‖ ...	oc	cbcb	37	45	3	-	4·7
	Blackpool ...	roc	cbc	37	44	4	-	5·2
	Morecambe ...	rcroc	cbbc	37	46	3	Trace.	3·0
9	Ilkley... ...	c	c	29	43	4	-	1·1
	Harrogate ...	cr$_o$c	cbc	33	42	2	0·1	0·5
10	Berwick-on-T.	o$_o$	oc	34	43	1	-	0·0
11	Dunbar ..	crr	cm$_o$	36	42	1	7	0·0
12	Troon... ...	croro	cococ	35	43	3	2	0·0
	Douglas ...	circb	cbc	33	47	13	0·5	4·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Saturday 22nd February .... 1936.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 22nd February, 1936
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Moderate northeast wind, becoming southwest to west; rain at first, mainly fair tomorrow but local showers; average temperature.
5 S.W. England 6 South Wales ...	Fresh or strong north wind backing west and decreasing; bright periods, showers; average temperature.
7 North Wales ... 8 N.W. England	Moderate northeast wind, backing west; rain at first, snow locally on high ground, bright periods and showers tomorrow; rather cold.
9 N. Midlands ... 10 N.E. England	Moderate northeast wind, backing west; rain at first, snow locally on high ground; mainly fair later; rather cold.
11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Moderate northeast wind, backing west; continuous rain spreading northwards, with snow on high ground; rather cold.
13 { A. W. Scotld. / B.N.W.Scotland.	Light southwest wind; bright periods, wintry showers; rather cold.
14 Mid Scotland 15 N. E. Scotland	As 11 - 12.
16 Orkneys and Shetlands	Wind southeast, strong to gale at times; cloudy, rain at times; rather cold.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Moderate southwest to west wind; bright periods, showers; frost locally tonight; average day temperature.

L.D.

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

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

GENERAL INFERENCE.

A depression centred off the Hebrides is almost stationary and a secondary depression just south of the Scilly Isles will move northeast and finally north-northeast. Rain will spread northeastwards to most parts of England and Scotland.

FURTHER OUTLOOK.

Unsettled; average temperature in the South; rather cold in the North.

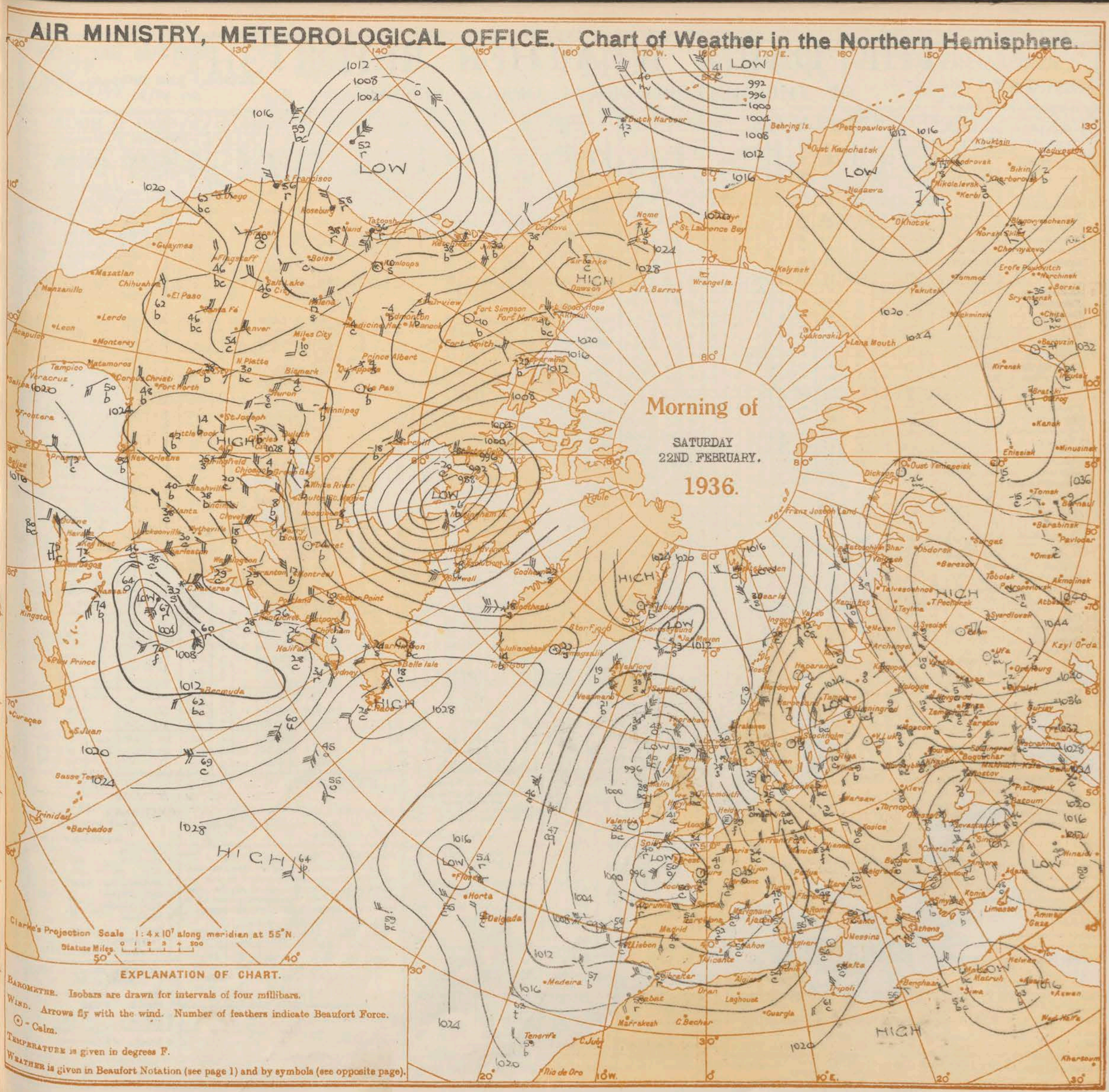
Time of issue of Gale Warning

† South Cone hoisted at 0945 on 21st in district 16 (Shetlands only)

Forecasts issued at 1000 G.M.T.

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

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ - Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 22nd February, 1936.

No. 27120

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

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	1007·0	-2	SES	3	bc z.	33	95	5	–	–	S	0	2·3	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	348	1007·8	-2	NEE	2	b z.	35	85	6	–	–	–	0	0	–
	Manston ...	142	1007·3	-2	NE	1	b z.	33	95	6	–	–	–	0	0	–
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1007·4	0	–	0	b	37	85	6	–	–	–	0	0	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1004·7	-10	E	3	c	43	95	6	4	–	–	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1003·7	-16	E'N	4	0	44	75	8	5	–	–	10	10	2500
	Scilly (St. Mary's)	163	1003·3	-20	E'S	4	c	44	85	8	5	–	–	7-8	7-8	2500
	Guernsey ..	175	1006·2	-20	ENE	2	c	42	95	8	8	–	–	10	10	2500
6	Pembroke ...	142	1004·2	-4	S	1	bc	43	95	7	5	–	–	4-6	4-6	2500
7	Holyhead ...	26	1002·9	+2	SWN	2	bc	42	85	8	5	–	–	2-3	2-3	4000
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1005·5	0	SSW	2	bc	34	95	7	–	1	–	0	2·3	–
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1002·3	+4	W	2	bc	39	85	7	5	–	–	4-6	4-6	1500
11	Inchkeith ...	190	1000·1	+4	SW	3	c	39	95	8	5	2	–	2·3	9+	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots f.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1001·3	+4	WS	3	0	42	95	8	5	–	–	10	10	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	994·8	-10	SSW	2	c	41	95	8	6	7	–	7-8	9+	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	993·9	-8	SSW	3	0 z.	39	95	6	5	–	–	10	10	800
16	Lerwick ...	156	1000·3	-20	SE	3	ir	37	95	5	6	–	–	10	10	800
17	Blacksod Point	18	1001·3	0	W	3	bc	44	85	8	3	–	–	4-6	4-6	1500
18	Malin Head ...	52	998·3	+10	SW	3	bcjp	40	95	7	8	–	–	2-3	2-3	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1004·1	0	SW	1	b	42	95	8	–	–	–	0	0	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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. (29)	Sea. 0–9 (30)
1	London (Kew)	1002·7	-20	E	2	f	36	95	3	5	–	–	10	10	150	1	*
	Croydon ...	1002·6	-24	NE'E	2	c m	34	95	4	–	7	–	0	9	–	1	*
	S. Farnborough	1001·8	-24	NEE	2	f	34	95	2	–	–	–	10	10	150	1	*
	Boscombe Down	1001·5	-24	NE'E	3	c z.	36	85	5	5	2	–	7-8	10	1500	1	*
	Calshot (Sthmtn.)	1001·2	-30	NE'N	3	r.	39	85	6	6	2	–	7-8	10	1500	1	2
	Lympne ...	1003·5	-18	E'N	4	c z.	40	85	5	5	2	–	7-8	10	2500	1	2
	Manston ...	1003·3	-20	ENE	2	o z.	39	95	6	6	–	–	10	10	1500	1	*
2	Shoeburyness ...	1003·9	-18	NE	2	c m	36	95	4	–	7	–	0	9+	–	1	*
	Felixstowe ...																
	Gorleston ...	1005·2	-16	N	1	o z.	34	95	5	5	–	–	10	10	2500	4	1
	Mildenhall ...	1004·4	-12	ENE	1	c z.	32	95	5	5	2	–	7-8	10	1500	4	*
	Cranwell ...	1004·8	-10	–	0	c z.	30	95	5	5	2	–	9	10	2500	4	*
3	Birmingham ...	1003·8	-14	ENE	1	c m	33	95	4	–	1	6	0	9	–	1	*
	Upper Heyford	1002·1	-20	ENE	1	c z.	34	85	5	5	2	–	2·3	10	2500	1	*
4	Ross-on-Wye	1002·3	-14	NE	1	o m	32	95	4	5	–	–	10	10	1500	1	*
5	Portland Bill ...	998·1	-24	NE	5	i R	39	95	6	5	–	–	10	10	1500	2	4
	Plymouth ...	998·3	-28	E'N	3	i r.	41	85	6	5	2	–	7-8	10	800	1	2
	The Lizard ...	995·7	-30	NE'E	6	r r	41	95	7	8	–	–	10	10	1500	1	3
	Scilly (St.Mary's)	997·0	-26	ENE	5	r.	40	95	6	6	2	–	7-8	10	1500	1	3
	Guernsey ..	997·8	-30	SE	2	r r	45	95	6	5	–	–	10	10	1500	2	3
6	Pembroke ...	1000·0	-20	ENE	3	c	38	95	6	5	2	–	7-8	10	2500	1	2
7	Holyhead ...	1001·1	-10	SW	1	c	41	85	8	7	–	8	2·3	7-8	4000	1	2
	Chester(Sealand)	1002·9	-10	SE	2	bc z.	31	95	6	–	7	–	0	4-6	–	4	*
8	Manchester ...	1003·2	-10	E	1	f	31	95	3	5	7	–	2·3	10	2500	4	*
10	Spurn Head ...	1004·3	-2	S	1	c z.	34	95	5	5	1	–	4-6	7-8	1500	5	1
	Catterick ...	1005·4	-2	–	0	c z.	33	95	5	8	8	–	4-6	7-8	800	1	*
	Tynemouth ...	1001·7	+2	WSW	2	bc	36	95	6	4	–	–	2·3	2·3	4000	1	2
11	Inchkeith ...	1000·3	+4	SW	2	c	40	95	8	5	–	–	9+	9+	2500	1	1
	Leuchars ...	999·8	+10	W	1	c	37	95	6	5	7	–	7-8	9+	1500	1	*
12	Renfrew (Abbots f.)	999·0	+6	SSW	2	ir.	41	95	6	6	–	–	10	10	1500	1	*
	Eskdalemuir ...	1000·6	+4	SW'S	3	ir.	38	95	5	6	2	–	2·3	9+	220	1	*
	Point of Ayre...	1001·2	0	W	3	bc	40	95	8	4	–	–	4-6	4-6	1500	1	1
13A	Tiree	996·3	0	WSW	2	c	40	95	7	5	2	–	7-8	10	1500	1	*
13B	Stornoway ...	994·5	+4	SSW	3	bc	40	85	8	5	7	–	4-6	4-6	1500	1	2
15	Dalwhinnie ...	998·7	+8	SW	2	c	34	95	7	9	6	–	7-8	9+	2500	3	*
	Aberdeen ...	999·0	+8	SWS	3	bcz.	37	95	6	5	3	–	4-6	4-6	2500	1	3
	Wick ...	996·4	+4	SSW	3	c	40	95	7	8	2	–	7-8	10	1500	1	4
16	Lerwick ...	998·7	+2	SE	3	ir	39	95	6	8	2	–	7-8	9+	800	1	*
17	Blacksod Point	1000·3	-4	W	3	c	40	75	7	9	–	–	7-8	7-8	800	1	3
18	Malin Head ...	997·9	-2	S	3	bcjp	38	95	7	8	–	–	4-6	4-6	1500	1	2
	Aldergrove ...	1000·5	-2	SW	4	c	36	95	5	5	–	–	10	10	1500	1	*
19	Birr Castle ...	1001·3	-6	SE	1	bc	35	95	8	5	–	–	2·3	2·3	2500	1	*
20	Valentia Obsy. †	1000·8	-16	–	0	bc	34	95	8	5	3	–	1	2·3	1500	5	3
	Roches Point	1000·5	-14	N	2	bc	37	85	7	5	–	–	4-6	4-6	1500	1	2

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine Hrs. (36)
1	London (Kew)	47	28	21	–	Tr	0·2
	Croydon ...	47	32	28	Tr.	–	0·0
	S. Farnborough	46	28	23	–	Tr	0·4
	Boscombe Down	46	33	26	–	–	3·1
	Calshot (Sthmtn.)	46	35	29	–	Tr	3·6
	Lympne ...	47	33	28	0·3	–	0·0
	Manston ...	50	32	22	0·4	Tr	0·3
2	Shoeburyness ...	48	30	21	–	–	0·6
	Felixstowe ...						
	Gorleston ...	46	34	28	0·2	–	0·0
	Mildenhall ...	48	31	27	Tr.	–	0·1
	Cranwell ...	45	29	23	Tr.	–	1·7
3	Birmingham ...	46	32	25	–	–	3·0
	Upper Heyford	46	31	20	Tr.	–	*
4	Ross-on-Wye	49	31	21	–	–	4·8
5	Portland Bill ...	48	38	*	–	4	*
	Plymouth ...	51	39	33	–	0·3	5·5
	The Lizard ...	50	41	*	–	5	*
	Scilly (St.Mary's)	51	39	*	–	7	8·1
	Guernsey ..	46	42	32	–	0·5	2·2
6	Pembroke ...	46	37	*	–	–	3·8
7	Holyhead ...	47	41	36	Tr.	–	7·1
	Chester(Sealand)	48	31	27	–	–	5·3
8	Manchester ...	46	31	24	0·2	–	3·1
10	Spurn Head ...	*	32	*	–	–	0·1
	Catterick ...	44	33	26	1	–	2·5
	Tynemouth ...	45	35	32	2	–	0·4
11	Inchkeith ...	41	36	34	7	2	0·0
	Leuchars ...	42	35	31	13	Tr	0·0
12	Renfrew (Abbots f.)	39	36	34	4	0·6	0·0
	Eskdalemuir ...	36	33	33	18	8	0·0
	Point of Ayre...	47	40	*	4	0·2	3·3
13A	Tiree	44	38	36	Tr.	6	0·0
13B	Stornoway ...	46	37	*	–	–	0·5
15	Dalwhinnie ...	34	31	27	4	1	0·0
	Aberdeen ...	42	36	31	5	0·3	0·0
	Wick ...	42	35	*	5	1	*
16	Lerwick ...	43	34	*	0·2	4	0·1
17	Blacksod Point	46	36	*	7	4	*
18	Malin Head ...	43	35	*	–	2	0·0
	Aldergrove ...	44	36	34	1	–	0·6
19	Birr Castle ...	48	34	25	0·3	1	6·6
20	Valentia Obsy. †	48	34	30	0·6	1	6·8
	Roches Point	46	35	*	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	c m.	c z.	b o F x	47	28	21	–	Tr	0·2	*	81	4
Croydon	217	c m o l d e	c z.	b c m x r	47	32	28	Tr	–	0·0	*	*	8 3
Greenwich (Royal Observatory)...	149	c	c	b x f c.	47	30	25	–	0·5	0·0	74	97	4
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	49	33	29	–	–	0·0	66	83	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	48	33	26	–	Tr	0·0	71	89	*
Camden Square	110	c	c b	*	48	33	22	–	Tr	*	*	86	*
Kensington	80	c o	c o	*	48	33	23	Tr		0·0	At 18h. 64	79	*
Hampstead Observatory	450	c	c	o d	46	33	17	–	Tr	0·0	*	95	*

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 21st February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 22nd February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1007·8	SSE	1	c z.	46	1002·3	ENE	2	c	41
Brussels	1007·5	SE'S	2	c	45	1004·3	ENE	3	c z.	39
Berlin	1020·3	ESE	4	0	21	1015·5	ESE	4	0	21
Zürich	1012·6	E	1	c z.	45	1010·2	W	1	c m	39
Davos						1015·0	E N	5	c	

Past 24 Hours.

Stations	Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris	48	30	11	–
Brussels	48	39	0·6	–
Berlin	23	18	–	–
Zürich	52	39	–	0·2
Davos	?	*		–

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
2·0	22-23h 21st	0·3	10-11h 21st

Kew Observatory. Max.	Time.	Min.	Time.
1·8	5h 22nd	<0·1	7h 21st

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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METEOROLOGICAL OFFICE, AIR MINISTRY, ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2. 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, 23rd February, 1956.

No. 27121

District	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 22nd February: Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	%Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)	OBSERVATIONS at 18h. G.M.T. 22nd February: Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)	PAST 24 HOURS. Weather. 7h.—13h. 22nd (37)	13h.—18h. 22nd (38)	18h.—22nd 1h.28m. (39)	1h.—7h. 23rd. (40)
1	London (Kew)	995·5	-36	ESE	4	rr	42	95	4	6	-	-	10	10	450	992·3	-14	SSW	2	oz$_o$	44	95	5	5	-	-	10	10	800	1	*	ofxerr	arrm$_o$	em or$_o$	em$_o$
	Croydon ...	995·3	-42	E	4	rr	42	95	4	-	2	-	10	10	450	992·2	-14	SW's	3	bcz$_o$	46	95	6	6	7	1	4-6	4-6	1500	1	*	m d$_{rr}$ or$_o$f	rrm d$_o$	bcb cr$_o$	cr$_o$ rr$_o$
	S. Farnborough	995·2	-32	ENE	1	RR	41	95	4	-	2	-	10	10	450	991·8	-12	SSW	2	c	45	95	6	5	-	-	9	9	1500.	2	*	fr RRf$_o$	R$_{mrrr}$c	em$_o$bcc	cir$_o$m$_o$
	Boscombe Down	994·8	-34	E'N	4	rr	38	95	4	-	2	-	10	10	800	990·8	-14	S	3	cz$_o$	45	95	6	5	-	-	9+	9+	800	1	*	orrfm	arlem$_o$	cm$_o$	r$_o$s m$_o$
	Calshot (Sthmtn.)	994·5	-30	E	5	r$_o$r$_o$	43	96	4	-	2	-	10	10	450	992·5	-4	S'W	4	c/f	46	95	7	5	7	-	7-8	9	2500	1	3	er$_o$arrm	br$_o$r$_o$m c	cbc	bcer$_o$m
	Lympne ...	996·1	-46	E'N	4	r$_o$r$_o$	43	95	4	6	7	-	4-6	10	450	994·6	-2	SSW	3	bcz$_o$	44	95	6	5	3	1	4-6	4-6	1500	1	§2	of fmr$_o$	ofrd$_o$	bmob	bo r$_o$
	Manston ...	997·1	-36	E	3	r$_o$r$_o$	43	95	4	6	5	-	7-8	10	1150	993·8	+2	SSW	3	c/d	45	95	6	5	7	-	4-6	7-8	1500	1	*	or$_o$r$_o$m.	ordfbc	bcb	be ir$_o$r
2	Shoeburyness ...	997·3	-36	ENE	3	rr	42	95	5	6	-	-	10	10	2500	993·5	-12	S	1	c	42	95	6	5	7	-	4-6	7-8	4000	1	*	orrm$_o$	rrcm$_o$	em$_o$bc	bccir
	Felixstowe ...																																		
	Gorleston ...	1000·4	-34	ENE	4	r$_o$r$_o$	40	95	6	6	-	-	10	10	1500	994·0	-20	ESE	5	rr	41	95	5	6	-	-	10	10	800	1	3	cor$_{rr}$	orrq	bcb	co ir$_o$
	Mildenhall ...	998·2	-42	ENE	4	ir$_o$	42	85	5	-	2	-	10	10	2500	992·5	-26	E	2	r$_o$r$_o$	42	95	5	5	-	-	10	10	450	1	*	cm$_{rr}$or$_o$	orr$_o$r$_o$	o r$_o$r$_o$	or$_o$r$_o$m$_o$
	Cranwell ...	1000·9	-26	NE	3	cm	36	95	4	5	2	-	9	10	1500	996·0	-18	NNE	4	SS	34	95	5	6	1	-	10	10	800	6	*	cm$_o$xf	or$_o$r$_o$Rrss	Rsrsorsrs	r$_o$ ofe
3	Birmingham ...	999·1	-26	NE	3	of	39	75	3	5	-	-	10	10	1500	994·7	-24	NNE	3	sf	33	95	2	6	-	-	10	10	450	3	*	cmf.	r$_o$sss	osrs.	r$_o$s0
	Upper Heyford	996·6	-38	NE	2	RR	36	95	4	5	-	-	10	10	450	992·0	-22	NE	3	r$_o$r$_o$	38	95	4	5	-	-	10	10	450	1	*	crRRm.	RRrrm	cr$_o$rrr$_o$	cr$_o$rorm
4	Ross-on-Wye	997·2	-20	NE	2	ss	33	95	3	5	-	-	10	10	800	992·1	-16	N	3	r$_o$r$_o$f	34	95	3	6	-	-	10	10	220	1	*	cmtmorso	sirs$_{rr}$	r$_o$osr$_o$r$_o$	r$_o$s00
5	Portland Bill ...	992·8	-28	S	3	c/r	46	95	7	8	4	-	7-8	10	1500	991·5	-8	WSW	4	c	45	95	7	5	4	-	7-8	10	1500	2	4	OR	oc	cc	cc
	Plymouth ...	992·0	-26	ENE	3	c/r	43	85	6	5	-	-	9+	9+	800	992·2	+6	NW	3	oz$_o$	40	95	5	5	-	-	10	10	1500	1	6	er$_o$rc	cr$_o$m$_o$	em$_o$c	cr$_o$bcm$_o$
	The Lizard ...	993·1	-4	N	4	rr	38	95	6	5	-	-	10	10	1500	994·9	+6	NW'N	4	c	39	95	7	8	2	-	7-8	10	1500	1	2	oprrr	rrc	cbc	bcpr
	Scilly (St.Mary's)	994·5	-8	NE'N	5	r$_o$r$_o$	40	96	6	9	2	-	7-8	10	1500	994·9	+4	N'E	6	c	40	85	7	8	7	4	4-6	7-8	1500.	1	3	ir$_o$phr.	cr$_o$r$_o$	bccpq	bccbc
	Guernsey ...	994·7	-6	SW	5	c	51	75	8	5	1	-	2-3	7-8	2500	994·6	+10	WSW	3	bc	46	95	7	5	1	-	4-6	4-6	2500	1	3	orrc	cprbc	oPro'	oirc
6	Pembroke ...	996·3	-16	ENE	3	rs	36	96	6	5	2	-	9	10	1500	993·9	-6	NE	3	rr	36	95	7	5	-	-	10	10	1500	1	2	cm$_o$r$_{rr}$sc	cm$_o$r$_{rr}$m$_o$	cir$_o$m$_o$	c$_o$bc
7	Holyhead ...	998·9	-14	N	3	c	43	85	9	5	7	-	2-3	10	4000	996·3	-4	ENE	3	c	41	85	6	-	2	-	10	10	5700	1	1	c ⊕	cm$_o$m.	r$_o$r$_o$t	r$_o$r$_o$c
	Chester(Sealand)	1000·1	-16	-	0	om	38	85	4	5	-	-	10	10	5700	996·7	-16	E'S	4	r$_o$r$_o$	38	85	4	-	2	-	10	10	2500	1	*	cm$_o$	cr$_o$r$_o$m.	crrsrsss	orrsr$_o$
8	Manchester ...	1000·2	-22	SSE	.	cf+	42	75	3	-	-	7	0	10	-	996·4	-20	ENE	3	cm	38	85	4	5	2	-	7-8	10	2500	1	*	cfmf	cf$_2$rf	cmorrT	cr$_o$r$_o$
10	Spurn Head ...	1000·9	-14	ESE	2	c	40	95	6	5	2	-	4-6	10	1500	995·2	-26	ESE	5	RR	38	95	6	6	-	-	10	10	1500	1	4	zc	corr	rrc	eprr$_o$
	Catterick ...	1001·0	-18	-	0	cm	41	75	4	-	1	8	0	9	-	§98·1	-18	-	0	cm	37	95	4	5	2	-	9	10	4000	1	*	bcxmcm	cm$_o$cm.	cm$_o$r$_o$rrm	cm$_o$r$_o$rr$_o$m
	Tynemouth ...	1001·0	-10	SE	2	c	43	85	6	2	6	-	4-6	7-8	2500	999·3	-10	SSE	2	o	41	85	6	5	-	-	10	10	1500	1	1	bcmc	co	orr	orr
11	Inchkeith ...	1000·3	0	SW	1	c	45	85	8	8	-	-	9	9	4000	998·8	-6	SSW	1	c	42	95	8	5	-	-	9	9	2500	0	1	c	c	cr$_o$r$_o$	r$_o$r$_o$ir
12	Leuchars ...	1000·2	0	SW	3	bc	46	75	7	8	-	-	4-6	4-6	2500	999·0	-4	ESE	3	o	42	95	6	5	-	-	10	10	5700	1	*	cm$_o$bc	bccm$_o$	em$_o$r$_o$r$_o$	em$_o$r$_o$rr
	Renfrew (Abbotsl.)	999·1	-2	SW	2	c	45	75	8	8	-	-	7-8	7-8	1500	998·1	-4	SE'S	1	cz$_o$	43	75	5	5	-	9	7-8	7-8	1500	1	*	cirrm$_o$bc	bcycm$_o$	cm$_o$	cm$_o$rr
	Eskdalemuir ...	999·8	-6	S'W	3	c	40	95	7	5	-	-	10	10	1500	998·3	-8	N	2	o	38	95	8	5	-	-	10	10	2500	1	*	f$_2$ir$_o$	c	errso$_s$	ccr
	Point of Ayre...	999·7	-6	S'E	3	c	45	85	8	9	-	-	7-8	7-8	800	997·7	-6	SSE	2	c	40	85	8	5	-	-	7-8	7-8	2500	1	2	c	cze	orsrs	rso
13A	Tiree ...	997·1	+4	W'S	2	c/pr	42	85	9	8	7	3	9	9	1500	997·2	+2	-	0	bc/pr	38	95	9	8	7	3	2-3	2-3	1500	1	3	cpr$_o$	chcpr.	bcb	bcx
13B	Stornoway ...	995·9	+8	SSE	3	c/r	41	95	8	6	2	-	4-6	10	1500	995·8	+2	S	2	c	40	85	8	8	7	-	4-6	7-8	1500	1	1	bccr$_o$r$_o$	cpr$_o$c	bcpr$_o$	bc
15	Dalwhinnie ...	998·2	+8	S	2	bc	41	75	8	4	6	-	2-3	4-6	2500	999·0	0	S	3	c	36	85	7	4	6	-	4-6	7-8	2500	1	*	irbc	c	*	lsc
	Aberdeen ...	1000·0	+4	S	3	cz$_o$	42	95	6	6	-	-	9+	9+	450	999·7	-2	S	2	cz$_o$	41	95	6	5	-	-	9+	9+	5700	1	1	bcm$_o$c	cz$_o$	cz$_o$	corr
16	Wick ...	995·2	+8	S	3	bc	44	85	8	5	6	-	2-3	4-6	1500	997·7	0	SE	3	c	42	95	7	5	4	-	7-8	7-8	1500	1	3	cbc	bcc	c	cr$_o$r$_o$
	Lerwick ...	1000·4	+2	SSE	5	c	42	95	7	8	2	-	7-8	10	800	1000·6	+2	SSE	6	c/r	41	95	7	8	2	-	7-8	10	800	1	*	cir.	cir	cirm$_o$	cpro
17	Blacksod Point	999·5	+2	N	3	bc	45	75	9	2	-	-	4-6	4-6	2500	999·2	0	N	2	bc	41	75	9	2	-	-	4-6	4-6	2500	1	2	bc	bc	prcq	prc
18	Malin Head ...	997·9	-2	WSW	3	bc/p	44	95	8	8	-	-	4-6	4-6	1500	998·6	-2	S	2	bc	42	95	8	8	-	-	4-6	4-6	5700	1	2	bc$_{jp}$	bc$_{jp}$	bc	bcc
	Aldergrove ...	999·7	-6	-	0	oz$_o$	38	95	6	5	-	-	10	10	450	998·2	+2	-	0	c	36	95	7	5	3	9	1	7-8	1500	1	*	am$_o$tcmco	or$_o$cbc	bc	c
19	Birr Castle ...	1000·0	-6	NW	1	bc	44	85	8	4	-	-	4-6	4-6	2500	998·3	-4	NW	1	c	41	95	8	5	-	-	7-8	7-8	2500	1	*	c	bcc	cb	bccx
20	Valentia Obsy.†	1000·2	-8	NW	2	bc	46	75	9	2	-	1	4-6	4-6	2500	999·3	-2	NW	2	bc	43	85	9	8	-	-	4-6	4-6	1500	1	2	bcxcbc	cprbc	bpbrbc	bcxpnkbc
	Roch's Point	998·9	-6	N	2	cz$_o$	43	85	5	5	-	-	9	9	1500	997·5	-6	N'E	3	c	44	75	9	5	1	-	4-6	7-8	1500	1	2	bccz$_o$	cz$_o$c	cbcw	bc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{10}$ of the sky. "9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

† Sea disturbance reported from Dungeness.

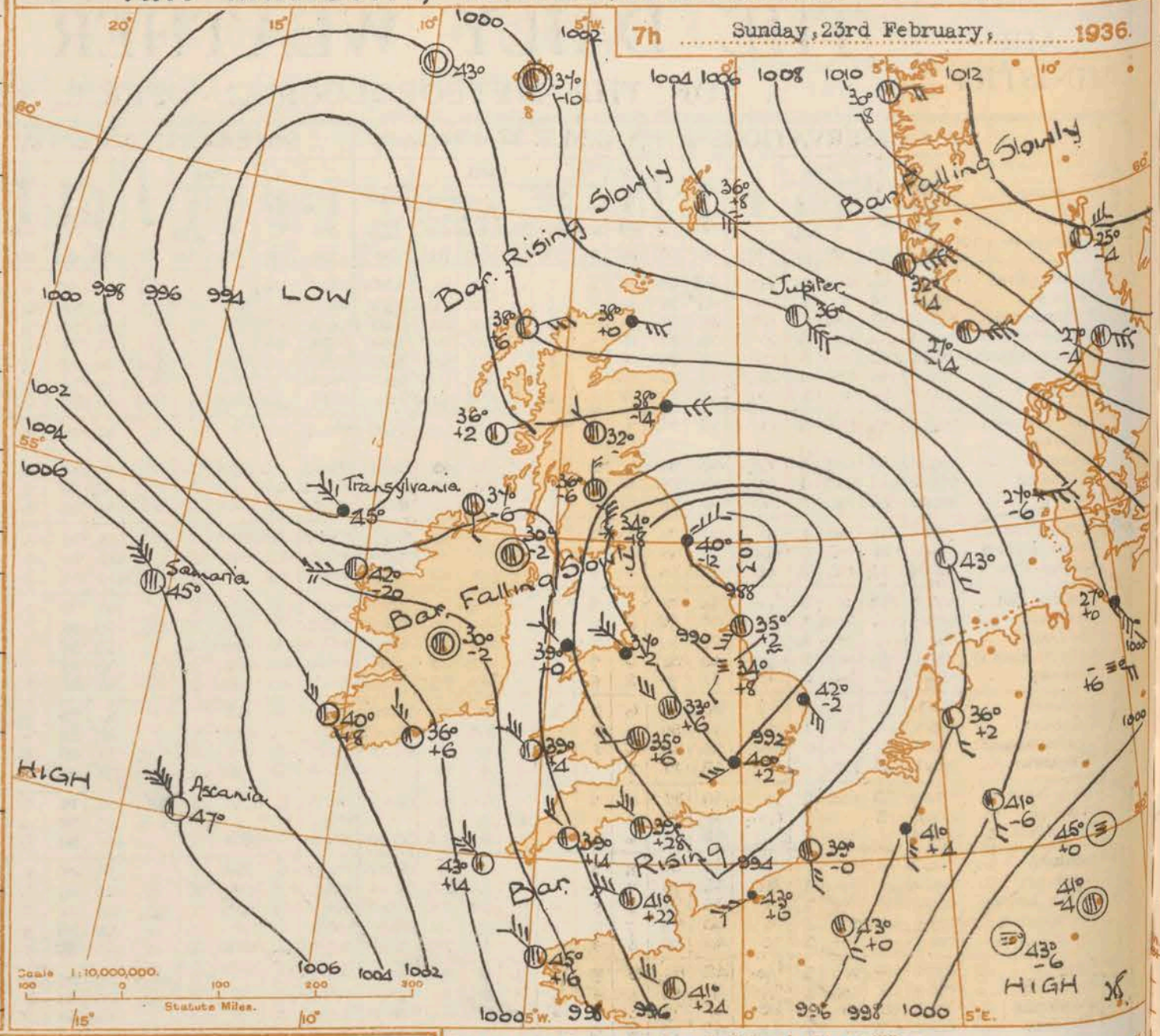
REPORTS from HEALTH RESORTS for 22nd February ..... 1936.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 21st to 9h. 22nd	Temperature. Max. 9h.—17h. 22nd	Rainfall. Night. 17h. 21st. to 9h. 22nd	Rainfall. Day. 9h.—17h. 22nd	Sunshine. Sunrise to Sunset. 22nd
1	Tunbridge W.	or	ado	29	45	1	8	0·0
	Bournemouth	ro	acro	33	48	3	12	0·3
	Ventnor ...	orm	rmbcu	39	48	2	10	0·9
	Southsea ...	or	oroc	27	48	2	?	0·0
	Bognor Regis	Rrr	rocb	36	46	2	10	0·8
	Littlehampton	cr	crbc	33	47	1	11	0·6
	Worthing ...	rr	rcbr	34	47	0·5	10	0·6
	Brighton ...	cr	rcb	36	46	1	9	0·5
	Eastbourne†	orr	rrocb	34	48	1	8	0·9
	Hastings† ...	orrd	orcbc	37	47	1	8	0·4
	Folkestone ...	amoro	rrcbc	37	46	0·1	9	0·0
	Dover... ...	mro	mroc	37	46	1	8	0·0
	Deal	oro	ro	34	45	-	9	0·0
	Ramsgate ...	dro	ro	35	45	0·1	8	0·0
	Margate ...	cd	cr	36	45	-	9	0·0
2	Southend ...	omr	omrfd	34	43	Trace	9	0·0
	Maldon ...	xor	rr	29	43	2	11	0·0
	Clacton-on-Sea	coirm	orrm	35	44	-	10	0·0
	Dovercourt ...	xoc	rocm	31	42	-	8	0·0
	Lowestoft ...	d$_o$oc	cor	31	41	Trace	2	0·0
	Skegness ...	xbco	orR	33	40	Trace	2	0·0
	Mablethorpe	em$_o$	eorm$_o$	29	39	-	2	0·0
	Cleethorpes ...	xbcc	cor	29	40	-	Trace	0·9
3	Leamington S.	o	or	30	39	-	16	0·0
4	Cheltenham†	om$_o$r	orrom	32	40	-	11	0·0
5	Bath	crr	rrcr	32	40	-	15	0·0
	Weymouth ...	rrd	ccb	36	50	10	6	0·8
	Jersey ...	dbc	bcc	42	51	8	-	4·5
	Torquay ...	oRmp	odpcm	38	41	8	4	0·0
	Penzance ...	rr	rr.	38	41	8	3	0·0
	St. Ives ...	rr	rr	37	41	8	4	0·0
	Bude	rr	rr	34	39	2	7	0·0
	Ilfracombe ...	cpo	orr	39	41	-	5	0·0
6	Aberystwyth	c	cor	37	41	-	4	0·0
7	Llandudno ...	o	om$_o$d$_o$	35	43	Trace	Trace	0·0
	Colwyn Bay...	o	od	36	43	-	Trace	0·0
	Rhyl	c	om$_o$d$_o$	34	42	-	Trace	0·0
8	Wallasey ...	fo	or$_o$	34	42	-	Trace	0·0
	Southport‖ ...	om	mor	33	40	-	0·2	0·0
	Blackpool ...	c	o	34	42	-	-	0·0
	Morecambe ...	cmcc	c	35	43	-	-	0·0
9	Ilkley... ...	o	o	29	40	-	-	0·0
	Harrogate ...	c	c	31	37	-	-	0·0
10	Berwick-on-T.	bcobc	co	36	46	1	-	3·4
11	Dunbar ...	bc	bc	37	49	1	-	6·0
12	Troon... ...	ecbcb	bcbcb	35	46	3	-	3·6
	Douglas ...	bccb	eidc	33	46	-	Trace	1·5

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Sunday, 23rd February, ... 1936.



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 23rd February, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Wind west or northwest, light or moderate; cloudy with slight rain or sleet at first, then becoming fair; frost locally inland; temperature rather below average.
5 S.W. England 6 South Wales ...	Moderate northwest wind, fresh on the coast; bright periods and occasional showers of rain; ground frost locally tonight; average temperature.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England	Moderate west wind; cloudy with rain and snow at times; a few bright periods tomorrow; temperature rather below average.
11 S.E. Scotland	Moderate northeast or north wind, backing; rain or snow at times; temperature rather below average.
12 S.W. Scotland & Isle of Man	As 7 - 10.
13 A. W. Scotld. 13 B.N.W. Scotland	Moderate variable wind; occasional rain or snow; temperature rather below average.
14 Mid Scotland	As 11.
15 N. E. Scotland 16 Orkneys and Shetlands	Fresh east to northeast wind; rain or snow at times; average temperature.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	As 5 - 6.

P.W. Stationery Office Press, Kingsway, W.C.2.

GENERAL INFERENCE.

A depression off Northwest Scotland is almost stationary while another off Tynemouth is moving very slowly north-northeast. There will be occasional showers of rain in West and Southwest districts, and rain and sleet at times elsewhere, especially in North England and South Scotland.

FURTHER OUTLOOK.

Temporarily fairer conditions spreading slowly from the southwest.

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.

Morning of

SUNDAY, 23rd FEBRUARY,

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 23rd February, 1936.

No. 27121

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

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	992·0	-6	SSW	4	ir.	42	95	7	6	7	–	7-8	10	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	994·5	-6.	SSW	4	b	41	95	8	5	–	–	Tr	Tr	2500
	Manston ...	142	993·8	-2	SW	3	b	41	95	8	–	–	–	0	0	–
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	992·8	0	SW	4	b	40	95	6	–	–	–	0	0	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	991·3	-4	W	4	c	41	95	7	5	–	–	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	995·7	+10	NW'N	4	bc	39	95	8	8	–	–	4-6	4-6	2500
	Scilly (St. Mary's)	163	996·9	+8	N	4	b c/pr	41	95	8	3	–	–	4-6	4-6	1500
	Guernsey ..	175	994·2	-2	WNW	1	0	42	95	6	5	–	–	10	10	2500
6	Pembroke ...	142	994·1	+2	NE	3	0 q	38	95	6	5	–	–	10	10	2500
7	Holyhead ...	26	995·1	-6	NNE	1	r.c.	37	95	6	6	2	–	7-8	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	989·3	-20	SW	1	bc	38	95	6	5	7	–	2-3	4-6	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	993·4	-32	NE	5	rr	41	95	6	6	–	–	10	10	1500
11	Inchkeith ...	190	997·3	-4	E	2	r.c.	38	95	8	6	–	–	10	10	800
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	995·7	-16	NEN	4	r s.	40	95	7	6	–	–	10	10	800
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	997·1	+4	SSE	3	bc	40	85	8	8	7	–	2-3	4-6	1500
15	Dalwhinnie ...	1178	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	999·4	+4	SSE	4	c	42	95	7	8	2	–	7-8	10	1500
16	Lerwick ...	156	1003·3	+8	SSE	7	c	39	85	6	9	2	–	7-8	9+	800
17	Blacksod Point	18	999·9	0	W	3	bc	38	85	8	3	–	–	4-6	4-6	1500
18	Malin Head ...	52	997·6	-6	W3W	1	bc	37	95	8	5	–	–	2-3	2-3	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1000·4	+6	–	0	b	44	95	8	–	–	–	0	0	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
991·9	+12	WNW	2	0/r	39	95	6	5	–	–	10	10	1500	1	*
991·6	+24	SW'W	3	r.	40	95	6	5	2	–	7-8	10	2500	1	*
992·7	+14	NNW	2	0/r	36	95	5	6	–	–	10	10	450	1	*
993·2	+14	NW	3	s. s.	34	95	5	6	–	–	10	10	450	1	*
993·5	+18	W'N	3	0 m	37	95	4	5	–	–	10	10	800	1	2
993·0	-2	SSW	4	0/r	42	95	8	5	–	–	10	10	1500	1	2
992·5	-2	S	3	0/r	43	95	8	5	–	–	10	10	1500	1	*
992·4	-4	SSW	2	ir	42	95	7	5	1	–	9+	10	2500	1	*
992·4	-2	SE'S	4	ir.	42	95	6	6	–	–	10	10	1500	1	3
991·3	+6	W3W	3	r.r.	39	95	5	6	–	–	10	10	800	1	*
991·4	+6	SW'W	2	f	34	95	2	–	–	–	10	10	1150	1	*
992·9	+6	NW	3	0	33	95	6	6	–	–	10	10	800	7	*
993·0	+8	NWN	3	0 z.	34	95	5	5	–	–	10	10	450	1	*
993·6	+6	W	2	0	35	95	8	6	–	–	10	10	2500	6	*
994·3	+28	NNW	4	c	39	85	7	4	–	–	10	10	2500	1	3
996·1	+14	NW	2	bc	39	95	6	8	3	1	2-3	2-3	2500	1	1
997·9	+12	NW'N	4	bc	40	85	8	8	–	–	2-3	2-3	2500	1	2
998·8	+14	NNW	5	bc	43	75	9	2	6	–	4-6	4-6	2500	1	3
995·6	+22	NW'N	5	c	41	85	6	8	–	–	10	10	2500	1	3
995·1	+4	NNW	4	bc q	39	95	7	5	–	–	4-6	4-6	2500	1	3
994·0	0	NW'N	4	r.r.	39	95	7	9	–	–	10	10	1500	1	2
992·7	-2	NNW	5	r.r.	37	85	6	–	2	–	10	10	800	1	*
991·2	-8	NW	4	id.	35	95	6	6	2	–	7-8	10	800	1	*
989·7	+2	SW	3	0	35	95	6	5	–	–	10	10	1500	1	2
988·5	-10	WNW	3	r.r.	35	95	6	5	2	–	9	10	1500	1	*
987·8	-12	NE	4	r.r.	40	95	6	6	–	–	10	10	1500	1	4
993·8	-14	NE	4	ir	35	95	7	5	–	–	10	10	1500	1	3
994·5	-18	NNE	4	r.r.	37	95	6	6	2	–	9	10	1500	1	*
995·8	-6	N	2	9/r	36	95	7	5	–	–	10	10	1500	1	*
991·8	-18	N	4	s. s.	34	95	5	–	2	–	10	10	450	7	*
993·8	-8	NW	4	c	37	95	7	8	–	–	10	10	800	1	3
995·9	+2	ENE	1	bc	36	95	8	5	5	8	2-3	4-6	2500	4	2
998·1	+6	ENE	3	bc	38	95	8	5	7	–	2-3	4-6	1500	1	2
*	-2	NW	1	0	32	95	5	6	–	–	10	10	2500	3	*
996·5	-14	E	5	rr	37	95	6	6	–	–	10	10	450	1	3
999·3	0	ESE	4	r.r.	38	95	6	6	2	–	7-8	10	800	1	3
1004·3	+8	SE	6	c/pr	36	95	7	9	2	–	7-8	10	800	1	*
997·6	-20	W	5	c	42	95	7	9	–	–	9+	9+	800	1	3
995·3	-6	S	1	c	37	95	7	5	–	–	9+	9+	1500	0	2
996·3	-2	–	0	c	30	95	7	5	7	6	1	9	1500	1	*
998·8	-2	–	0	c	30	95	7	5	–	–	9	9	2500	1	*
1002·0	+8	NW'N	3	bc/ph	40	75	8	8	–	–	2-3	2-3	1500	1	2
1000·4	+6	NW	3	bc	36	85	8	5	–	–	2-3	2-3	2500	1	2

PAST 24 HOURS.

Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 22.00G Hrs. (36)
45	38	37	9	1	0·0
46	40	38	8	1	0·0
45	36	35	11	1	0·0
46	33	32	12	0·2	0·0
47	36	36	12	0·2	0·2
45	40	35	10	0·4	0·0
45	40	33	8	1	0·0
42	42	34	8	1	0·0
42	40	37	4	3	0·0
42	39	38	8	0·5	0·0
39	33	32	5	8	0·0
39	32	32	10	7	0·0
38	33	33	14	1	*
39	33	32	10	3	0·0
47	38	*	13	–	*
44	37	35	6	0·1	0·1
42	37	*	8	1	*
40	39	*	9	1	0·0
52	41	37	8	3	5·9
45	36	*	4	1	0·0
44	36	36	–	5	0·0
39	33	32	1	12	0·0
43	33	32	0·5	6	0·0
40	33	*	2	13	0·6
41	32	31	–	7	1·5
45	34	32	–	10	4·1
46	35	34	–	6	2·2
46	36	35	–	5	2·5
47	36	34	0·2	2	3·2
41	33	32	0·2	5	0·4
46	36	*	–	5	1·5
45	31	24	2	–	4·7
43	35	*	0·5	0·1	0·1
41	32	28	0·1	0·1	5·7
43	35	36	–	1	2·1
44	37	*	–	0·4	*
43	36	*	2	2	0·0
48	36	*	0·2	1	*
45	35	*	–	–	7·6
45	30	19	–	–	2·7
46	27	18	–	–	4·8
48	32	26	1	1	4·6
44	36	*	–	Tr	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (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	ofxcr	crrm.	cm.	45	38	37	9	1	0·0	•	89	6
Croydon	217	mdo.f	rrmd.	cr.rr.	46	40	38	8	1	0·0	•	•	4
Greenwich (Royal Observatory)	149	rrrn	rrmrc	cbcdd	45	37	37	7	1	0·0	98	94	4
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	0·0	•	•	•
Westminster (St. James' Park)	27	•	•	•	47	37	36	8	1	0·0	94	91	•
Regents Pk. (Botanic Gardens)	168	•	•	•	46	37	37	8	1	0·0	96	89	•
Camden Square	110	orcr	crc	•	46	38	36	8	1	•	•	91	•
Kensington	80	cor	0	•	44	37	34	7	1	0·0	At 18h. 93	89	•
Hampstead Observatory	450	orf	orf	om	44	35	30	7	1	0·0	•	95	•

FOREIGN OBSERVATIONS

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

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	998·5	SW	3	bc	52
Brussels	995·4	SW	3	rr	50
Berlin	1010·0	E'S	4	c z.	25
Zürich	1006·8	NW	2	r.r.	43
Rome	1010·1	SE	9	0	59

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

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
995·3	SE	2	c	43
1002·5	ESE	1	0 z.	28
1004·0	ESE	2	c	41
1007·8	SE	5	0 z.	57

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
2·0	9-10h. 22nd	<0·3	4-5h. 23rd

Kew Observatory. Max.	Time.	Min.	Time.
0·6	17h. 22nd	<0·1	3h 23rd

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
55	39	1	–
54		6	
27	23	–	–
55	39	4	2
*	*	–	0·5

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 24th February, 1936.
No. 27122

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

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

PAST 24 HOURS.

District	Stations. (For heights see p. 4.)	13h. Barom. at M.S.L. mb. (1)	13h. Change in 3 hours. (2)	13h. Wind. Direc. (3)	13h. Wind. Force 0–12 (4)	13h. Weather. (5)	13h. °Temp. F. (6)	13h. %Humid. (7)	13h. Visibility 0–9 (8)	13h. 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)	18h. Barom. at M.S.L. mb. (15)	18h. Change in 3 hours. (16)	18h. Wind. Direc. (17)	18h. Wind. Force 0–12 (18)	18h. Weather. (19)	18h. °Temp. F. (20)	18h. %Humid. (21)	18h. Visibility 0–9 (22)	18h. Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)	Past 24 hours. Weather. 7h.–13h. 23rd (37)	13h.–18h. 23rd (38)	18h. 23rd to 1h. 24th (39)	1h.–7h. 24th (40)
1	London (Kew)	995·6	+8	WNW	2	cz₀	40	75	6	5	–	–	9+	9+	2500	997·9	+1·4	WSW	2	oz₀	41	85	5	5	–	–	10	10	1500	1	*	cr₀m₀	cm₀r₀	cm₀b	cm₀
	Croydon ...	995·3	+1·4	W'N	4	c/r	38	85	5	5	2	–	7·8	10	1500	997·9	+1·4	W'S	3	c/r	41	85	6	8	7	–	9	10	1500	1	*	cr₀mir₀	cm₀ir₀	em₀cbcc	cpr₀m₀
	S. Farnborough	996·1	+1·4	W'N	2	c/pr	41	75	7	8	3	–	9	9+	2500	998·3	+1·8	W'N	1	c	40	85	7	5	–	–	9	9	2500	1	*	cir₀pr₀c	cpr.	cb-c	ir₀cbc
	Boscombe Down	996·6	+1·4	WNW	3	c	41	75	7	5	–	–	9+	9+	1500	998·6	+1·4	W	3	c	38	85	7	5	7	–	2-3	9	2500	1	*	mrspr₀	c	c	c
	Calshot (Sthmtn.)	997·1	+1·6	WNW	3	c	42	75	7	8	–	–	9+	9+	2500	999·6	+1·2	WSW	3	c	41	75	8	8	7	–	2-3	9	2500	1	2	cm₀c	c	cbcb	bxbcx
	Lympne ...	995·2	+1·4	NW	3	om	39	85	4	5	–	–	10	10	800	998·1	+1·8	W	3	ir₀	39	85	6	5	–	–	9+	9+	1500	1	§ 1	crm₀m.	amcm₀	r₀cm₀	cm₀bcpr₀
	Manston ...	994·8	+2·0	WSW	4	om	38	95	4	5	–	–	10	10	450	997·9	+1·6	W'S	3	cm	40	85	4	5	2	–	9+	10	1500	1	*	cir₀m	cm.	cb-cm₀	cm₀bcc
2	Shoeburyness ...	995·2	+1·0	W	3	c	39	95	5	6	1	–	9	10	2500	997·5	+1·2	W'S	2	om	40	95	4	5	–	–	10	10	4000	1	*	irem₀	cm₀cm	cm	cmxc
	Felixstowe ...																																			
	Gorleston ...	993·7	+1·2	W'S	2	o	43	95	5	5	–	–	10	10	1500	997·1	+2·0	SW	1	c	39	95	6	5	–	–	9+	9+	2500	1	2	oir₀z₀	ar₀oc	bcz₀z₀	bcc
	Mildenhall ...	994·2	+·8	W'S	4	oz₀	39	85	6	5	–	–	10	10	1500	996·4	+1·4	SW'S	2	c/r	40	85	6	5	2	–	7-8	10	1500	1	*	or₀r₀ir₀	cir₀m₀	cbcm₀	cr₀cm₀
	Cranwell ...	993·3	+·8	W'S	4	cz₀	39	85	6	5	3	–	9	9+	800	995·8	+·6	W'N	2	ir₀	38	95	5	6	2	–	9+	10	800	1	*	femm₀	cir₀	cir₀bcm₀	bccm₀
3	Birmingham ...	995·4	+1·0	W	3	c/r	36	85	5	6	–	–	9+	9+	800	996·9	+1·0	WSW	3	c	39	75	6	6	–	–	7-8	7-8	800	7	*	r₀sr₀	cbc	cr₀bc	bcc
	Upper Heyford	995·6	+1·0	W	3	c	39	85	7	5	–	–	10	10	1500	997·7	+1·8	W	3	bc	37	85	8	5	4	1	2-3	4-6	2500	1	*	cm₀sr₀	cir₀bc	bcbbcc	cm₀x
4	Ross-on-Wye	996·3	+1·0	WNW	4	c/pr	43	75	8	8	1	3	2-3	9+	2500	997·5	+·8	SW'S	3	c	40	75	8	5	7	1	7-8	7-8	4000	1	*	ccip₀	cbc	cp₀cb	bwcc
5	Portland Bill ...	998·1	+2·0	NNW	4	c	43	85	7	4	–	–	9	9	2500	999·1	+1·6	WNW	4	c	44	75	7	4	–	–	9	9	2500	1	3	c	c	bcc	c
	Plymouth ...	1000·0	+1·4	NW	4	c/pr	44	65	8	8	3	3	7-8	9	2500	1000·4	-·2	W	3	bc	43	75	7	8	3	1	2-3	4-6	2500	1	2	bmcpr₀	qhprbc	bccpr₀	cbc
	The Lizard ...	1001·8	+1·0	WNW	5	cjp	45	65	8	8	6	–	7-8	7-8	2500	1001·0	-·8	WSW	6	PR	42	85	8	8	2	–	9	10	1500	1	3	bcc	prhcq	cprhq	cprhq
	Scilly (St. Mary's)	1002·8	+·8	NNW	5	bc	46	55	8	8	6	–	4-6	4-6	2500	1001·6	-1·0	WNW	6	cq	45	85	8	9	6	–	4-6	7-8	1500	1	3	bcy	bccpq	cprbcq	bcpcq
	Guernsey ...	1000·0	+1·8	NW	5	bc	46	65	8	7	–	–	4-6	4-6	2500	1001·8	+1·0	WNW	2	c	40	95	9	5	9	–	4-6	7-8	2500	1	3	bcbc	bcpre	cprPhrc	cprbc
6	Pembroke ...	998·0	+·6	NW	4	bcq	43	75	7	5	9	–	4-6	7-8	2500	996·5	-·8	WNW	4	cq	44	85	7	5	6	–	2-3	9	2500	1	3	bccq	cqpr₀c	bcq	cqprc
7	Holyhead ...	995·3	+·8	WNW	4	c	42	85	8	8	–	8	4-6	9+	2500	996·1	+·8	NNW	4	bc	41	85	7	5	3	–	4-6	4-6	2500	1	2	c⊕	cpr₀	pr₀c	prqir₀c
	Chester (Sealand)	994·3	+1·0	WNW	4	r₀r₀	40	85	6	–	2	–	10	10	1500	995·4	+1·0	W'N	3	cz₀	39	75	6	6	7	2	4-6	7-8	2500	1	*	or₀r₀	cr₀bcz₀	bccrr₀	cir₀z
8	Manchester	991·3	+1·0	NNW	4	ir₀	38	95	6	9	–	–	9+	9+	1500	994·9	+1·0	WNW	3	cz₀	39	85	6	8	–	–	9+	9+	2500	1	*	d₀d₀ir₀	cir₀c	cpr₀	cm₀
10	Spurn Head ...	991·1	+1·0	SSW	2	c	39	85	6	5	2	–	7-8	10	1500	993·8	+·8	W'S	3	o	38	95	6	5	–	–	10	10	1500	0	2	ompr₀	co	o	oz
	Catterick ...	990·1	+1·4	W'N	2	ir₀	37	85	8	5	–	–	10	10	1500	992·6	+1·4	W	3	ir₀	36	85	7	6	–	–	10	10	1500	1	*	cm₀r₀c	cir₀c	cr₀	cm
	Tynemouth ...	990·0	+1·6	SE	3	o	39	85	6	6	–	–	10	10	1500	991·9	+2·0	SSE	2	o	40	85	7	6	–	–	10	10	1500	1	3	or₀oV₀.₀	o	o	o
11	Inchkeith ...	993·5	-·6	N	4	rs	36	95	6	6	–	–	10	10	800	993·9	+·8	E	3	dd	39	95	6	6	–	–	10	10	1500	1	2	irsrs.	csrsdd	cidsrs	arrc
12	Leuchars ...	993·3	-·6	NNE	4	rr	39	95	4	–	2	–	10	10	220	995·0	+1·2	NE	4	r₀r₀	41	95	4	6	2	–	9	10	220	1	*	m₀r₀r₀rr	omrrr	cqrrIR	cqmm₀
	Renfrew (Abbotsl.)	995·2	-·4	NNW	2	o	39	85	7	8	–	–	10	10	2500	995·2	+·2	NW	2	r₀r₀	37	95	7	5	–	–	10	10	800	1	*	cir₀r₀s₀c	irsr₀r₀m₀	cr₀cir₀	cirer₀
	Eskdalemuir ...	991·0	-·2	NW	5	c	35	95	8	5	7	–	4-6	9	1500	993·0	+1·6	NE'N	3	d₀d₀	35	95	6	5	–	–	10	10	800	1	*	ssrsc	rsr₀d₀	cd₀m₀	od₀d₀
	Point of Ayre...	994·1	+·2	N	4	o	41	85	8	8	–	–	10	10	800	994·8	0	NNW	4	c	40	85	8	6	1	–	4-6	7-8	1500	1	3	o	oc	orro	o
13A	Tiree	997·3	+·6	N	3	c	42	85	8	5	2	–	4-6	10	1500	998·3	+1·0	N	4	c	40	85	8	5	2	–	7-8	10	1500	1	4	c	cir₀		cbc
13B	Stornoway ...	999·8	+·8	ENE	3	c	41	75	8	8	7	7	4-6	9+	1500	1001·1	+1·0	ENE	3	pr	38	85	8	8	7	–	7-8	9	1500	1	2	bcc	cpr₀	cpr₀bc	bccpr₀
15	Dalwhinnie ...	–	+·2	N	2	c	32	95	7	6	–	–	10	10	2500	997·9	+1·0	N	1	o	34	85	7	6	–	–	10	10	2500	3	*	isc	isc	*	isc
	Aberdeen ...	996·1	+·2	E	5	d₀d₀	38	95	6	6	–	–	10	10	450	997·6	+1·0	E	4	id₀	39	95	6	6	–	–	10	10	450	1	4	rrhd₀	om₀id₀	or₀r₀	or₀r₀
	Wick ...	1000·4	+·8	E	5	rr	37	95	6	6	2	–	7-8	10	800	1001·2	+·8	ESE	4	c/pr	38	85	7	8	2	–	7-8	10	1500	1	4	crr.	crrpr	crr	rrir₀
16	Lerwick ...	1005·8	0	E'S	5	c	37	75	8	8	2	–	7-8	10	1500	1007·1	+1·0	E'S	5	c	37	55	8	5	2	–	4-6	10	1500	1	*	cp₀s	c	cbc	cir₀
17	Blacksod Point	1000·6	+2·0	NW	5	cq	44	85	8	9	–	–	7-8	7-8	1500	1003·6	+1·2	NW	6	oq	42	85	7	9	–	–	10	10	800	1	4	PRcq	PRcq	PRcq	prcq
18	Malin Head ...	997·5	+·6	N	3	c	42	85	8	8	–	–	9	9	1500	998·6	+·4	NNW	4	cjp	41	95	7	8	–	–	9+	9+	1500	0	2	c	cphr	cr₀sbc	bcc
	Aldergrove ...	996·2	+·2	NW	2	c	38	85	8	5	7	6	7-8	9+	1500	996·9	+·2	WNW	3	c	38	95	8	9	7	–	7-8	9+	1500	1	*	c⊕c	cpr₀prhc	cir₀c	cr₀rc
19	Birr Castle ...	998·4	-·4	NW	2	c	44	75	8	8	1	–	7-8	9+	2500	1001·2	+2·1	N'W	1	c	41	85	8	5	–	–	9+	9+	2500	1	*	c	cpr₀c	cprc	c
20	Valentia Obsy. †	1004·0	+1·6	NNW	5	c	45	85	8	8	–	–	9	9	1500	1006·9	+1·4	NNW	6	c/pr	43	65	8	8	7	–	7-8	9+	1500	1	4	bcqphrqc	phrqprc	cphrcpr₀	pr₀bccy
	Roches Point	1000·4	-·2	NW	3	c/pr	44	75	9	8	6	3	4-6	7-8	1500	1001·7	+2·0	NW	6	bc	43	85	8	8	–	3	4-6	4-6	1500	1	3	bcp₀c	cprbc	cp₀bc	bcc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 1/10 of the sky. "9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

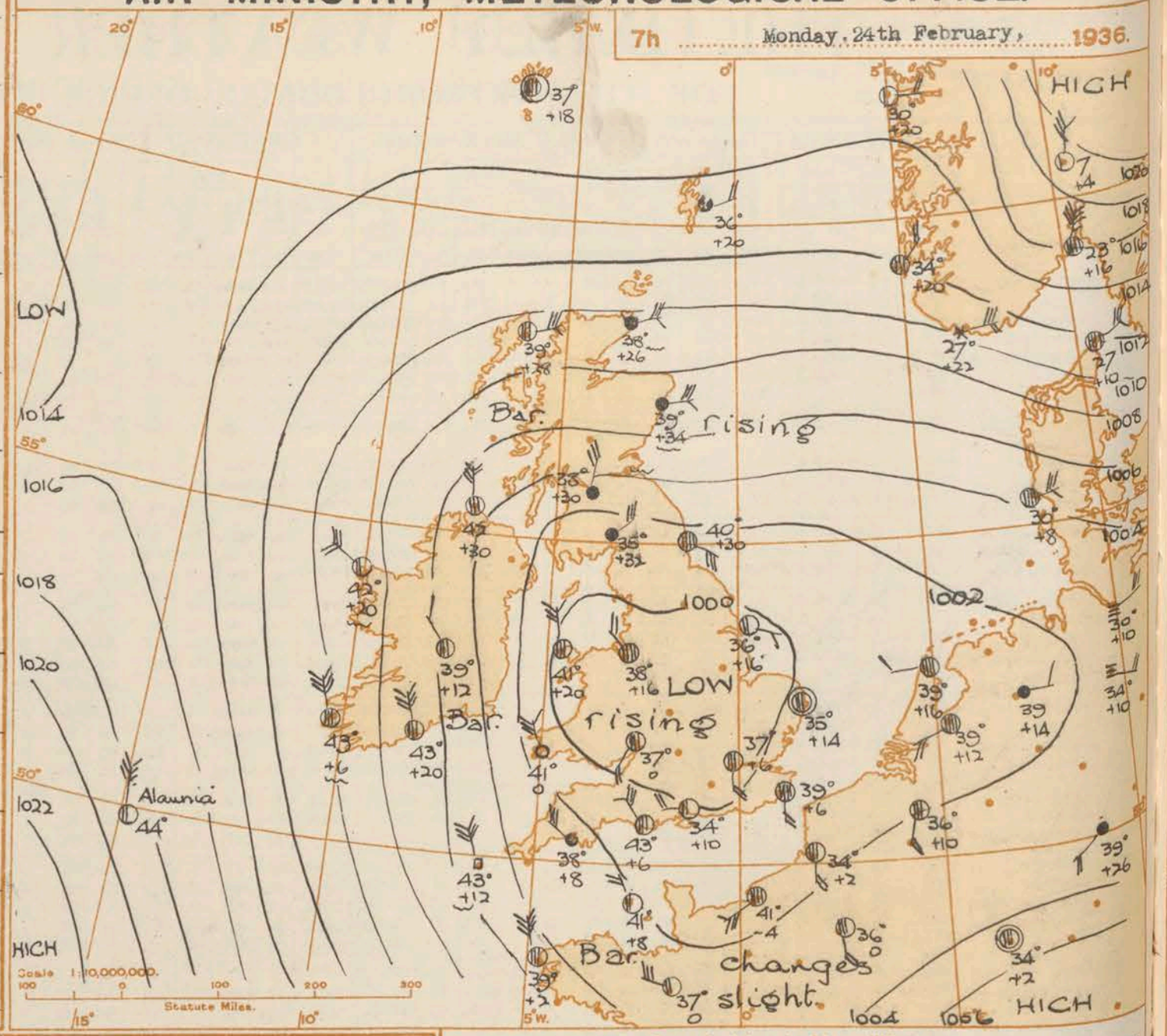
REPORTS from HEALTH RESORTS for 23rd February 1936.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 22nd to 9h. 23rd	Temperature. Max. 9h.—17h. 23rd.	Rainfall. Night. 17h. 22nd to 9h. 23rd	Rainfall. Day. 9h.—17h. 23rd.	Sunshine. Sunrise to Sunset. 23rd.
1	Tunbridge W.	o	ocphc	39	41	3	Trace	0·4
	Bournemouth	c	o	36	45	-	-	2·0
	Ventnor ...	orcu	cboc	36	45	2	-	3·2
	Southsea ...	ocbc	bce	37	44	1	-	2·8
	Bognor Regis	ccbc	bcbc	37	44	1	-	3·4
	Littlehampton	cbc	bc	37	45	1	-	1·8
	Worthing ...	c	cbcc	38	45	1	-	1·2
	Brighton ...	c	c	39	44	3	-	0·8
	Eastbourne†	co	oco	38	46	1	-	0·9
	Hastings† ...	ccbc	cbcc	41	46	0·3	-	1·8
	Folkestone ...	coroc	coc	42	44	1	Trace	0·8
	Dover... ...	ld.c	cm	39	43	0·4	Trace	0·6
	Deal	co	o	43	46	1	-	0·0
	Ramsgate ...	cm	cm	39	43	2	-	0·0
	Margate ...	c	c	42	46	2	-	0·0
2	Southend ...	omd	od	39	40	1	Trace	0·0
	Maldon ...	ro	oc	38	41	2	-	0·0
	Clacton-on-Sea	opc	c	39	41	1	Trace	0·0
	Dovercourt ...	cm	poc	40	41	2	Trace	0·0
	Lowestoft ...	cpro	idoc	38	44	5	Trace	0·0
	Skegness ...	om	o	35	41	12	-	0·0
	Mablethorpe	o	om.	35	41	15	-	0·0
	Cleethorpes ...	oz	o	33	41	13	-	0·0
3	Leamington S.	oro	oc	34	42	2	-	0·0
4	Cheltenham†	omcip	cbcq	32	43	5	Trace	0·5
5	Bath	ccer.	cr.bc	35	45	1	Trace	2·2
	Weymouth ...	c	cb	40	48	-	-	3·5
	Jersey ...	cbc	bcq	41	48	1	Trace	6·4
	Torquay ...	b	bbcp.	37	47	0·1	Trace	7·6
	Penzance ...	b	bpbbr	38	49	2	Trace	8·4
	St. Ives ...	b	c	37	46	2	-	7·1
	Bude	bc	bcp.c	37	45	1	Trace	5·4
	Ilfracombe ...	cbc	bc	38	44	-	-	4·9
6	Aberystwyth	ra	ou	36	43	3	-	1·7
7	Llandudno ...	cir.c	rcbcc	36	43	7	1	0·5
	Colwyn Bay...	orapo	ocbcc	33	42	9	0·5	0·5
	Rhyl	orc	cprc	34	41	13	0·4	0·3
8	Wallasey ...	iroc	bcbpc	33	44	11	0·3	1·8
	Southport‖ ...	orrc	bc	34	41	13	0·2	0·7
	Blackpool ...	rro	o	35	41	14	-	2·1
	Morecambe ...	rcc	c	36	45	13	Trace	0·2
9	Ilkley... ...	pr	o	32	38	8	0·5	0·0
	Harrogate ...	cisr	cisr	33	36	15	0·5	0·0
10	Berwick-on-T.	or	o	37	41	7	2	0·0
11	Dunbar ...	crr	cr.m.	37	42	3	8	0·0
12	Troon... ...	cclccb	coroc	37	41	-	1	0·8
	Douglas ...	cclsir	cclsir	35	42	2	0·5	2·1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Monday, 24th February, ... 1936.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 24th February, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Wind variable light, becoming northeast moderate, fresh locally on coast; cloudy, some showers, sleet or snow locally later; rather cold today, cold tomorrow.
5 S.W. England 6 South Wales ... 7 North Wales ...	Wind north, veering northeast, moderate or fresh strong locally at first; cloudy, some showers at first, local wintry showers tomorrow; rather cold.
8 N.W. England	Light or moderate northeast wind; cloudy, slight local rain at first; local wintry showers later; rather cold.
9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Wind east to northeast, moderate, fresh locally at first; occasional rain; sleet or snow later; rather cold, becoming somewhat colder.
12 S.W. Scotland & Isle of Man. 13 {A. W. Scotld. B.N.W.Scotland.	As 8.
14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	As 9 - 11.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Fresh northerly wind, moderating; mainly cloudy, local showers; rather cold.

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

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◎ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ○ Clear sky. ◔ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/8 clouded. ◕ Sky 1/10 to 5/8 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet ▲ Hail ≡ Fog. ≡ Mist. T Thunder. K Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A depression over Central England is moving slowly south or south-southeast and filling up, while an anticyclone over North Scandinavia is spreading southwest. Wind will become generally northeast and weather will be rather cold and showery with snow locally later.

FURTHER OUTLOOK.

Cold with snow showers locally especially near the East Coast.

Forecasts issued at 1030 G.M.T.

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

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

Morning of

MONDAY,
24th FEBRUARY.

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 24th February, 1936.
No. 27122

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. 0–Force 12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	999·3	+2	S'W	4	c	37	85	7	5	5	–	7-8	7-8	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1000·7	+10	WSW	2	c	37	85	6	5	–	–	7-8	7-8	2500
	Manston ...	142	999·9	+8	WSW	2	z_o	36	95	6	5	2	–	4-6	10	2500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	999·3	+10	SW'W	1	bc	37	95	6	5	–	–	4-6	4-6	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	998·7	+2	WNW	3	c	42	95	8	4	–	–	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1002·8	+10	NW	5	PR	40	85	7	8	–	–	10	10	1500
	Scilly (St. Mary's)	163	1004·1	+4	NW'N	6	bcq	44	65	8	3	–	–	4-6	4-6	1500
	Guernsey ..	175	1001·5	-4	NW	3	c/ph	42	95	6	5	–	–	7-8	7-8	2500
6	Pembroke ...	142	1000·5	+6	NNW	4	bcq	40	85	7	8	–	–	4-6	4-6	1500
7	Holyhead ...	26	999·8	+4	NW	6	pr_o	42	85	7	8	–	–	10	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	998·2	+14	SSW	2	o	37	95	7	–	2	–	–	10	–
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	996·4	+16	SE	2	o	39	85	7	6	–	–	10	10	1500
11	Inchkeith ...	190	998·0	+20	ENE	4	o	39	95	7	5	–	–	10	10	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	996·1	+8	NNE	4	o	40	95	7	6	–	–	10	10	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1005·0	+16	ENE	4	bc	37	85	8	5	7	–	2-3	4-6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1004·8	+20	ENE	5	rr	39	95	7	6	2	–	7-8	10	800
16	Lerwick ...	156	1011·0	+16	SSE	2	bc	36	75	8	5	–	–	4-6	4-6	1500
17	Blacksod Point	18	1006·3	+12	NW	6	cq	42	85	7	9	–	–	10	10	800
18	Malin Head ...	52	1002·0	+14	N'W	5	bcjp	42	95	7	8	–	–	4-6	4-6	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1009·3	+14	NNW	6	c/ph	41	75	7	3	–	–	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. 0–Force 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)
999·9	+10	–	0	z_o	36	95	6	5	7	–	4-6	7-8	5700	1	*
999·8	+6	S'W	2	z_o	37	95	6	5	7	–	9	10	1500	1	*
1000·3	+12	WSW	1	fg	31	95	6	5	3	1	2-3	4-6	4000	1	*
999·9	+6	W	2	c	33	95	7	5	7	–	2-3	7-8	2500	1	*
1000·2	+10	W'N	2	bc	34	95	7	5	7	–	2-3	4-6	4000	1	1
1001·1	+6	S	2	c/pr	39	95	8	8	2	–	7-8	10	2500	1	§ 2
1000·6	+6	SE	2	c	39	75	7	8	2	–	4-6	10	2500	1	*
1000·5	+4	–	0	c	38	95	8	4	2	–	4-6	10	2500	1	*
1001·6	+14	–	0	c	35	95	6	5	3	–	4-6	9	4000	1	2
1000·1	+16	SE	1	c/r	36	95	5	5	–	–	9+	9+	2500	1	*
1000·0	+16	ESE	1	m	34	95	4	5	2	–	7-8	9+	2500	1	*
999·9	+8	SSW	2	c	35	95	6	5	–	–	9+	9+	2500	7	*
1000·2	+12	–	0	z_o	32	95	5	5	–	–	7-8	7-8	2500	1	*
999·6	0	SW	2	c	37	85	8	5	–	–	10	10	2500	1	*
999·8	+6	NNW	4	c	43	85	8	4	–	–	9	9	2500	1	3
1002·4	+8	WNW	3	pr_o	38	85	8	8	3	–	4-6	7-8	1500	1	2
1003·3	+4	NW	5	c	39	85	8	8	1	–	4-6	7-8	2500	1	3
1004·8	+12	NNW	6	bcjp	43	75	8	3	6	–	4-6	4-6	1500	1	4
1001·9	+8	NW'N	2	bc	41	85	8	6	3	–	4-6	4-6	2500	1	3
1000·8	0	NW	4	pr_o	41	85	7	8	6	–	4-6	9+	2500	1	3
999·4	+20	N	4	c	41	85	7	8	–	–	10	10	2500	1	3
998·5	+16	NW	2	c/r	38	95	5	5	–	–	10	10	4000	1	*
999·2	+22	E'S	1	z_o	37	95	5	5	–	–	10	10	2500	1	*
999·9	+16	ESE	1	z_o	36	95	5	5	1	–	4-6	4-6	1500	4	1
1000·8	+30	–	0	m	35	95	4	5	–	–	10	10	1500	1	*
1000·7	+30	SE	3	o	40	85	6	6	–	–	10	10	1500	1	3
1001·5	+26	NE	5	c	38	95	8	5	2	–	4-6	10	1500	1	4
1004·6	+34	ENE	4	rr	39	95	6	5	2	–	9	10	450	1	*
1003·2	+30	NE'N	3	$r_o r_o$	38	95	7	6	–	–	9+	9+	800	1	*
1001·7	+32	NE	3	$d_o d_o$	35	95	6	5	–	–	10	10	220	1	*
1000·2	+22	NE	4	c	41	85	7	8	–	–	10	10	800	1	2
1005·2	+18	N'E	4	bc	42	85	8	5	4	–	4-6	4-6	2500	0	3
1009·0	+28	ENE	4	c	39	85	8	5	7	–	7-8	10	1500	1	2
1007·4	+16	N	2	c	34	85	5	6	–	–	10	10	1500	3	*
1007·4	+34	E	4	$r_o r_o$	39	95	6	6	–	–	10	10	800	1	4
1009·8	+26	ENE	4	ir_o	38	95	7	6	2	–	9	10	1500	1	4
1013·8	+20	ENE	2	ir_o	36	85	8	6	2	–	4-6	10	1500	1	*
1009·0	+20	NW	5	bcq	42	85	8	4	–	–	2-3	2-3	1500	1	4
1006·0	+30	N	5	c	42	95	8	8	–	–	9+	9+	1500	0	3
1002·6	+20	NNW	4	c	37	95	7	5	7	–	9	9+	1500	1	*
1005·5	+12	NW	2	c	39	95	8	6	2	–	9	10	2500	1	*
1010·5	+6	NNW	6	c	43	55	8	8	–	–	7-8	7-8	2500	1	4
1006·5	+20	NNW	6	c	43	75	8	5	–	–	7-8	7-8	1500	1	3

PAST 24 HOURS.

District	Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine Hrs. (36)
1	42	31	28	Tr.	Tr	0·1
	42	36	32	0·3	0·1	0·0
	41	31	25	1	Tr	0·0
	43	31	27	0·2	–	1·4
	43	33	29	–	–	0·2
	43	35	30	0·1	Tr	0·2
	41	36	31	0·1	–	0·0
2	42	37	28	0·2	–	0·0
	44	34	31	2	–	0·0
	40	36	33	0·2	0·1	0·0
	41	34	29	Tr.	0·1	1·4
3	39	34	32	0·2	1	0·2
4	40	31	20	Tr.	–	*
	45	35	27	0·1	Tr	2·7
5	44	39	*	–	–	*
	45	33	33	0·5	0·6	5·0
	47	37	*	2	6	*
	48	40	*	0·5	1	8·1
	47	39	32	1	4	6·7
6	45	39	*	Tr.	1	5·5
7	43	40	38	0·5	0·5	0·9
	42	37	33	2	1	0·7
8	40	37	33	0·5	Tr	0·0
10		33	*	0·1	–	1·4
	37	35	31	1	0·1	0·0
	41	39	36	0·1	–	0·0
11	41	36	36	0	6	0·0
12	41	36	35	7	18	0·0
	39	36	35	3	2	0·0
	36	34	33	3	0·6	0·0
	42	38	*	–	2	0·7
13A	43	40	38	0·2	–	0·0
13B	42	37	*	Tr.	Tr	0·2
15	36	32	27	2	0·2	0·0
	39	39	37	4	6	0·0
16	39	36	*	3	4	*
	38	35	*	Tr.	Tr	0·0
17	46	40	*	3	1	*
18	43	38	*	1	0·2	2·3
	41	37	34	0·2	1	0·5
19	46	35	32	0·4	1	3·4
20	47	39	37	4	1	2·2
	44	41	*	0·4	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	$cr_o m_o$	$cm_o r_o$	$cm_o b$	42	31	28	Tr	Tr	0·1	*	*	5
Croydon	217	$cr_o m i r_o$	$cm_o i r_o$	$cm_o cbc$	42	36	32	0·3	0·1	0·0	*	*	6
Greenwich (Royal Observatory)	149	cm	$cm_o d_o$	$dbod_o m$	42	35	30	Tr	Tr	0·0	78	92	4
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·1	*	*	*
Westminster (St. James' Park)	27	*	*	*	43	37	31	Trace		0·0	64	85	*
Regents Pk. (Botanic Gardens);	168	*	*	*	42	37	32	Tr	Tr	0·0	65	91	*
Camden Square	110	c	c	*	42	37	30	–	Tr	*	*	91	*
Kensington	80	obcc	c	*	42	37	27	–	Tr	0·1	At 18h. 78	91	*
Hampstead Observatory	450	om	bcp	bm	40	34	24	0·1	0·1	0·0	*	96	*

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

South Kensington. Max.	Time.	Min	Time
1·0	17-18h 23rd	<0·3	4-5h 24th

Kew Observatory. Max.	Time.	Min	Time.
0·3	23h. 23rd.	0·1	2h. 24th

FOREIGN OBSERVATIONS.

18h. G.M.T. 23rd February

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1001·0	WNW	4	bc	41
Brussels	996·4	W	2	o	45
Berlin	1001·4	–	0	z_o	34
Zürich					
Rome	1005·3	SSW	4	s/s	55

7h. G.M.T. 24th February

Barom. mb.	Wind. Direc	Wind. Force.	Weather.	Temp. °F.
1003·3	S	2	c	36
1002·2	SSW	2	c	36
1002·2	–	0	F	34
1007·9	SE	2	bc	34
1003·0	NNW	2	bc	52

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
50	34	3	Tr
52	34	3	2
36	34	Tr	–
	32		0·2
*	*	5	–

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 25th February, 1936.

No. 27123

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. 0–12 Force (4)	Weather. (5)	°Temp. F. (6)	%Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1002.6	+1.4	NE	1	o m	40	85	4	5	–	–	10	10	800
	Croydon ...	1002.0	+.8	–	0	c z_o	43	75	6	5	7	–	9	9+	1500
	S. Farnborough	1002.0	+.6	NE	1	c	46	65	7	8	3	–	7-8	9	4000
	Boscombe Down	1002.1	+.8	NNW	1	c z_o	40	85	6	3	–	–	7-8	7-8	5700
	Calshot (Sthmtn.)	1001.9	+.6	–	0	c z_o	48	85	6	8	3	–	7-8	7-8	4000
	Lympne ...	1002.9	+.8	SE	3	c/r	40	85	6	8	–	–	10	10	800
	Manston ...	1003.1	+1.4	SEE	2	c	42	75	8	8	–	–	7-8	7-8	1500
2	Shoeburyness ...	1002.8	+.8	ENE	1	bc	43	85	7	2	7	–	2-3	4-6	4000
	Felixstowe ...														
	Gorleston ...	1003.2	+.8	–	0	c	40	95	6	5	–	–	9+	9+	2500
	Mildenhall ...	1003.4	+1.4	ESE	1	c z_o	46	65	6	2	3	–	4-6	7-8	2500
	Cranwell ...	1003.8	+1.6	ENE	2	bc z_o	45	75	6	2	3	–	4-6	4-6	1500
3	Birmingham ...	1003.2	+2.2	ENE	3	c m	39	85	4	6	–	–	9	9	1500
	Upper Heyford	1003.0	+1.0	NE	2	c	42	73	7	8	3	–	2-3	9+	2500
4	Ross-on-Wye	1002.5	+1.2	NEE	2	o/r	40	85	6	5	–	–	10	10	2500
5	Portland Bill ...	1001.7	+.4	NW	3	c/pr	42	95	7	4	–	–	10	10	2500
	Plymouth ...	1002.6	+.2	NW	4	c/pr	43	85	8	6	7	–	7-8	9	1500
	The Lizard ...	1003.8	0	NW	5	pr$_o$	43	85	8	8	–	–	9+	9+	2500
	Scilly (St. Mary's)	1005.3	0	NNW	6	phr	42	85	8	3	6	–	4-6	7-8	1500
	Guernsey ...	1002.5	-.2	NWN	2	c	44	75	7	2	3	–	7-8	9+	2500
6	Pembroke ...	1002.1	+.8	NNE	4	ir	39	95	7	8	–	–	10	10	1500
7	Holyhead ...	1004.0	+2.6	NEN	5	c	41	85	6	5	–	–	10	10	1500
	Chester (Sealand)	1003.8	+2.6	E	2	id$_o$	41	85	5	–	2	–	10	10	2500
8	Manchester ...	1004.2	+2.6	E	3	c m	42	75	4	5	3	–	9	9+	4000
10	Spurn Head ...	1004.4	+1.2	ENE	1	c z_o	43	85	5	5	2	–	2-3	10	1500
	Catterick ...	1005.8	+2.6	NNE	2	o z_o	40	95	5	5	2	–	9+10	10	1500
	Tynemouth ...	1007.4	+3.0	E	4	ir$_o$	40	85	7	6	–	–	10	10	1500
11	Inchkeith ...	1010.8	+2.8	NE	4	o z_o	39	95	6	5	–	–	10	10	800
	Leuchars ...	1011.8	+3.6	NE	4	id$_o$	39	95	6	5	2	–	7-8	10	450
12	Renfrew (Abbotsl.)	1009.3	+2.4	NE	4	ir$_o$	39 4	85	7	5	–	–	9+	9+	1500
	Eskdalemuir ...	1008.2	+3.0	NE	5	r$_o$r$_o$	38	95	6	5	–	–	7-8	7-8	1500
	Point of Ayre ...	1006.4	+2.4	E'N	4	c	41	85	7	6	1	–	4-6	10	800
13A	Tiree	1011.5	+3.2	NEN	4	c	44	85	9	5	4	–	7-8	7-8	4000
13B	Stornoway ...	1014.2	+2.0	ENE	4	c	41	85	8	5	2	–	7-8	10	1500
15	Dalwhinnie ...	1011.6	+2.0	N	1	c	36	85	7	4	6	–	4-6	10	2500
	Aberdeen ...	1013.5	+2.4	E	3	c	39	85	6	8	–	–	10	10	800
	Wick ...	1015.0	+2.2	E	4	c	39	95	7	6	2	–	9+6	10	1500
16	Lerwick ...	1017.1	+1.6	ENE	4	c	39	65	7	8	7	–	7-8	9	1500
17	Blacksod Point	1012.0	+2.0	N	4	bc	44	85	8	3	–	–	4-6	4-6	1500
18	Malin Head ...	1010.4	+3.2	N	4	c	44	95	8	5	–	–	9+	9+	2500
	Aldergrove ...	1008.0	+4.2	NNE	4	c	42	85	6	5	–	–	9+	9+	1500
19	Birr Castle ...	1008.2	+.6	NW	3	c	42	85	8	5	–	–	9+	9+	2500
20	Valentia Obsy. †	1011.7	-.2	NWN	6	c jp	46	75	8	8	–	–	7-8	7-8	1500
	Roches Point	1007.1	+.2	N	5	c	46	75	9	8	–	–	7-8	7-8	1500

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. 0–12 Force (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1005.2	+1.8	ENE	1	o m	41	85	4	5	–	–	10	10	1500	1	*
1005.1	+2.2	ENE	1	bm	38	85	4	4	6	–	Tr	1	4000	1	*
1005.3	+2.4	NE	1	f	39	85	2	5	–	–	10	10	1500	1	*
1004.1	+2.2	NE	2	ir$_o$	38	85	5	5	–	–	10	10	2500	1	*
1004.1	+1.8	NEE	3	c	41	85	7	8	3	–	7-8	9	2500	1	1
1005.3	+1.4	NE	3	b z_o	36	95	6	5	–	–	1	1	2500	1	§ 2
1005.2	+1.8	NEE	2	b z_o	38	95	6	4	–	–	1	1	1500	1	*
1005.4	+1.8	NEN	2	bc	38	95	8	8	7	–	2-3	4-6	4000	1	*
1006.3	+1.8	NW	2	ir$_o$	40	95	6	6	–	–	10	10	2500	1	2
1008.3	+2.4	NNE	3	c z_o	41	85	6	5	7	–	4-6	10	2500	1	*
1007.7	+1.8	NNE	3	ir	39	85	6	–	12	–	10	10	4000	1	*
1007.5	+2.6	NE	3	c m	41	75	4	5	7	–	2-3	9+	1500	6	*
1006.3	+2.6	NEN	2	c z_o	39	85	6	5	3	–	4-6	7-8	5700	1	*
1006.5	+2.4	NNE	2	o z_o	42	75	5	5	–	–	10	10	2500	1	*
1004.0	+1.8	NE	3	c	41	85	7	4	4	–	7-8	10	2500	1	2
1003.8	+1.0	NW	4	c z_o	43	75	6	8	3	–	7-8	9	2500	1	1
1004.4	+.4	NNW	4	c	41	95	8	8	2	–	7-8	9+	2500	1	2
1005.6	+.2	N	6	c/r	43	85	67	8	6	–	4-6	7-8	1500	1	4
1002.6	+.4	N	1	r	41	95	6	5	–	–	10	10	2500	1	2
1005.9	+2.0	NE	4	c q	41	85	6	8	7	–	4-6	9	2500	1	2
1009.4	+3.6	NEN	5	c	42	85	6	5	–	7	4-6	9	4000	1	3
1008.6	+2.6	NNE	2	bcm	38	85	4	5	–	–	4-6	4-6	4000	1	*
1008.9	+3.4	NEE	3	ir$_o$	41	85	4	5	7	–	9	10	1500	1	*
1007.5	+2.0	E'N	5	pr$_o$	39	95	6	5	–	–	10	10	1500	1	4
1011.0	+3.2	NE	4	c/r	39	95	6	6	2	–	9	10	800	1	*
1011.6	+4.0	NE	4	r$_o$p$_o$	40	95	7	6	–	–	10	10	1500	1	3
1014.8	+3.2	SSE	4	c	38	95	7	8	–	–	10	10	1500	1	3
1016.2	+3.2	NNE	3	c	38	95	7	5	2	–	4-6	10	1500	1	*
1016.0	+3.6	NEE	3	c	39	85	7	5	–	1	9	9	1500	1	*
1013.5	+3.2	NEN	5	c/s	35	95	7	5	–	–	9+	9+	1500	1	*
1012.1	+2.8	ENE	5	c	41	85	8	4	–	–	7-8	7-8	800	1	3
1016.9	+3.2	NE	2	bc	40	85	8	5	3	–	1	2-3	5700	0	3
1018.6	+2.4	ENE	3	c	40	75	8	6	7	–	7-8	9+	1500	1	2
1017.7	+2.8	N	1	c	33	95	7	4	6	–	4-6	10	2500	0	*
1017.8	+2.8	E	4	pr$_o$	38	85	8	9	–	–	10	10	800	1	3
1018.6	+1.6	NE	3	c	38	95	8	6	2	–	7-8	10	1500	1	3
1020.3	+2.0	NE	2	bc	37	75	8	5	–	–	4-6	4-6	1500	1	*
1015.4	+2.0	N	4	c	44	85	8	4	–	–	7-8	7-8	1500	0	3
1018.0	+3.4	E'N	45	c	42	95	78	5	–	–	9+	9+	2500	0	2
1014.2	+3.6	NE	6	c	40	95	6	5	7	–	4-6	7-8	1500	1	*
1012.0	+2.8	NW	1	c	42	85	8	5$_o$	–	–	10	10	2500	1	*
1013.5	+2.2	N'E	6	c	45	75	8	5	–	1	7-8	7-8	1500	1	4
1010.4	+1.4	NE	4	c	44	75	8	5	3	–	4-6	7-8	1500	1	3

PAST 24 HOURS.

Weather. 7h.–13h. 24th (37)	Weather. 13h.–18h. 24th (38)	Weather. 18h. 24th to 1h. 25th (39)	Weather. 1h.–7h. 25th (40)
cm$_o$om	ofcm	cm$_o$r$_o$	cm$_o$rr
cm$_o$m	cbz$_o$	bmfwcr$_o$	cr$_o$rm$_o$
cm$_o$f$_o$c	ccmfo	ofbcm$_o$	r$_o$r$_o$m$_o$o
cir$_o$bc	cphir$_o$	cr$_o$r$_o$	cr$_o$r$_o$c
bcxcm$_o$	cm$_o$e	cbc	bcciri$_o$
cir$_o$c	cm$_o$bc	bbcm$_o$	cpr$_o$q
cpr$_o$bc	bcbm$_o$	bh$_o$cpr	cprsbcpr
idbcm$_o$	bc	bcbx	cr$_o$r$_o$
cz$_o$z$_o$	cz$_o$ir$_o$	or$_o$r$_o$	ocq
cm$_o$	cr$_o$m$_o$	cr$_o$r$_o$m$_o$	cd$_o$m$_o$
cfmbc	cir$_o$	cir$_o$rr$_o$	cr$_o$r$_o$
cf$_o$s$_o$	c	corr$_o$	od$_o$
cm$_o$fc	cbcc	cm$_o$rr$_o$	rddd$_o$
ccr$_o$	cc	cor$_o$	r$_o$q$_o$r$_o$
cc	cpr$_o$	co	or$_o$ps
bccpr$_o$m$_o$	cpr$_o$prz$_o$	cz$_o$b	bbc
cprq	cpcir	cbc	bcc
cp$_o$phq	pq'eir	phrq	bccoc
bcir$_o$	or$_o$r	or$_o$bc	bcc
cqirc	cm$_o$irq	bcqm$_o$	bcq$_o$c
ir$_o$d$_o$c	cz$_o$bcm	cm$_o$z$_o$c	cm$_o$c
cid$_o$m$_o$	cid$_o$m$_o$	bccm$_o$	cpr$_o$m$_o$
cr$_o$fz	cbzcm	cir$_o$c	ccpr$_o$
ppz	ozrpr	pr$_o$c	pr$_o$o
cm$_o$m$_o$	cm$_o$r$_o$r$_o$	om$_o$d$_o$r$_o$r$_o$	om$_o$r$_o$r$_o$
oir$_o$q	or$_o$r$_o$	oir$_o$	oir$_o$
cddz$_o$	z$_o$irc	c	c
crr$_o$d$_o$d	cid$_o$m$_o$c	cpr$_o$c	cpr$_o$c
cir$_o$	cir$_o$c	cm$_o$	cm$_o$
d$_o$r$_o$r$_o$	r$_o$id$_o$	cbcc	cir$_o$s
0	oc	cbcbc	co
bcc	cbcb	b	bbcc
cpr$_o$c	cpr$_o$	cpr$_o$c	c
c	c	*	c
r$_o$id$_o$	d$_o$pr$_o$h	cpr$_o$c	ccz$_o$
irc	cir$_o$c	c	c
cpr$_o$	cbc	bcc	bcc
pr$_o$bc	bc	bc	bc
c	c	bc	bccx
cr$_o$r$_o$cm$_o$	cm$_o$r$_o$r$_o$	cm$_o$bc	bcx
c	cprc	cbc	bcx
ph$_o$bcc	cprbcc	bccpr$_o$c	cbcc
cpr$_o$c	cpr$_o$c	cbc	bcc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{10}$ of the sky. "9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

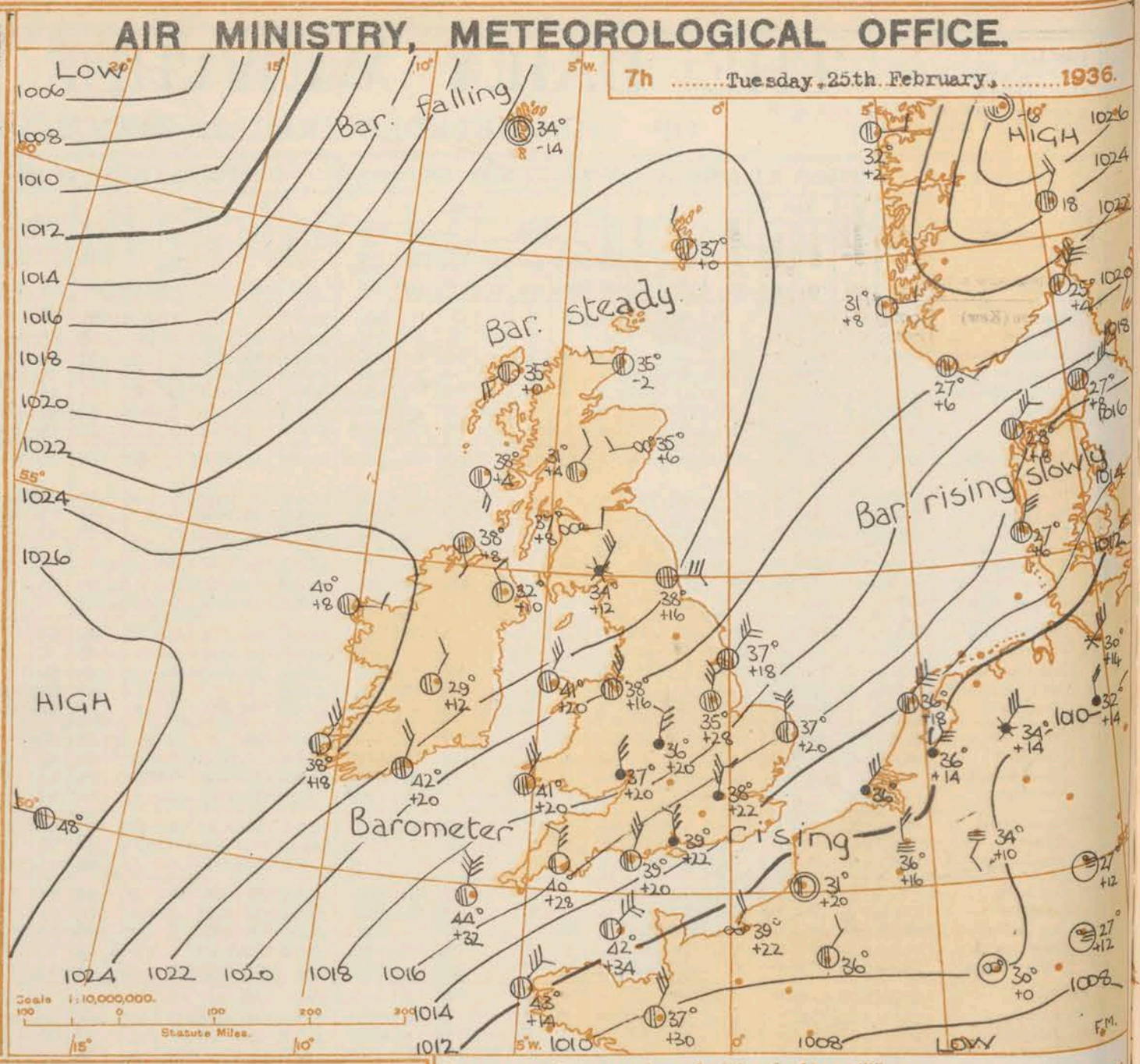
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 24th February 1936

District	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 23rd to 9h. 24th	Temperature. Max. 9h.—17h. 24th.	Rainfall. Night. 17h. 23rd to 9h. 24th	Rainfall. Day. 9h.—17h. 24th	Sunshine. Sunrise to 17h. 24th.	Sunshine. Sunrise to Sunset. 23rd.
1	Tunbridge W.	qpo	opoc	34	41	6	2	0·1	0·4
	Bournemouth	0	oc	34	40	–	–	0·1	2·0
	Ventnor ...	xbco	obccu	36	46	–	–	4·6	3·2
	Southsea ...	bbc	bcc	35	45	–	–	3·1	2·3
	Bognor Regis	cbebc	bccrc	37	45	1	0·5	2·4	3·4
	Littlehampton	e	er.r	37	46	2	0·3	1·2	1·8
	Worthing ...	c	d.c	37	43	3	Trace	0·0	1·2
	Brighton ...	cpc	c	36	42	3	0·4	0·0	0·3
	Eastbourne† ...	r.r.	r. ocb	38	42	2	3	0·8	0·9
	Hastings† ...	oro	cbc	36	42	2	1	0·1	1·8
	Folkestone ...	odr.o	drcbc	33	43	Trace	0·4	2·1	0·9
	Dover ...	oid.e	cbc	37	43	0·1	Trace	1·6	0·5
	Deal	ocbcc	cbcb	37	45	1	–	6·3	0·0
	Ramsgate ...	bc	bcb	38	45	–	–	6·6	0·0
	Margate ...	bc	be	37	46	–	–	7·0	0·0
2	Southend ...	cbcb	b	36	48	0·6	–	5·2	0·0
	Maldon ...	cbc	bcb	33	44	–	–	4·5	0·0
	Clacton-on-Sea	bcbc	bc	35	45	–	–	7·0	0·0
	Dovercourt ...	bcm	bc	35	46	–	–	5·1	0·0
	Lowestoft ...	c	c	32	41	–	–	0·0	0·0
	Skegness' ...	cbc	cor	32	41	–	0·3	2·5	0·0
	Mablethorpe...	bbccm	corm	30	42	–	1	3·6	0·0
	Cleethorpes ...	bcm	or	32	44	–	1	3·3	0·0
3	Leamington S.	o	oc	35	44	–	–	0·0	0·0
4	Cheltenham†	m.oc	c	33	44	Trace	–	0·1	0·6
5	Bath	ur	rcbc	36	44	0·3	1	1·1	2·2
	Weymouth ...	c	cr.cc	37	45	–	0·1	0·0	3·5
	Jersey ...	rqcbc	rqbco	39	46	6	1	2·3	6·6
	Torquay ...	coir.	pcoz.	35	44	-	0·6	0·0	7·6
	Penzance ...	pbcp	cp	40	46	14	4	1·3	8·4
	St. Ives ...	pr	pr	39	44	3	1	0·0	7·1
	Bude... ...	rc	c	40	45	1	–	0·3	5·4
	Ilfracombe ...	poc	co	40	45	1	–	0·0	4·9
6	Aberystwyth	ro	co	39	43	4	–	0·6	1·7
7	Llandudno ...	omoq	goc	38	42	6	-	0·0	0·5
	Colwyn Bay...	poqpo	o	36	41	5	0·3	0·0	0·5
	Rhyl	coq	ogcm.	38	42	1	–	0·0	0·3
8	Wallasey ...	r.fuc	cm	37	43	0·3	Trace	0·0	1·8
	Southport‖ ...	oc	co	37	43	–	–	0·7	0·7
	Blackpool ...	oc	c	36	44	–	–	1·9	2·1
	Morecambe ...	chee	cbcc	36	43	Trace	–	2·0	0·2
9	Ilkley... ...	c	ccoor	34	42	–	0·2	1·3	0·0
	Harrogate ...	cbc	cir	33	42	-	0·6	0·6	0·0
10	Berwick-on-T.	or	ro	38	40	4	3	0·0	0·0
11	Dunbar ...	crr	crr	38	40	11	3	0·0	0·0
12	Troon... ...	ococo	cococ	37	40	5	-	0·0	0·8
	Douglas ...	cid	ccoq	36	42	1	Trace	0·1	2·1

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



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 1/10 to 5/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. T Thunder. TS Thunderstorm. co Slight haze.
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. 25th February, 1936.

Districts.	
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Moderate or fresh northeast wind, becoming light and variable later; cloudy, slight local showers at first, especially near East Coast; rather cold.
5 S.W. England 6 South Wales ...	Moderate or fresh northeast wind, becoming light and variable later; mainly cloudy, bright intervals locally; rather cold.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England	Wind northeast to variable, light, finally southwest; mainly cloudy, bright intervals locally; perhaps local rain or sleet tomorrow; rather cold.
11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 {A. W. Scotld. B.N.W.Scotland.} 14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	Wind becoming southwest to west, light at first, freshening, strong locally later; cloudy, rain spreading east tonight; sleet or snow locally on high ground; rather cold, becoming milder tomorrow.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Wind variable to southwest, light or moderate; fair at first, rain later; rather cold, becoming milder tomorrow.

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

GENERAL INFERENCE.

A wedge of high pressure from north of the azores to Scotland is moving southeast. A depression over Iceland is moving east and may turn southeast later. Weather will be cloudy in most districts and slight showers will occur at first in Eastern England and Midlands. Rain will spread over Scotland and Ireland later and perhaps into the northwest of England and Wales by noon tomorrow.

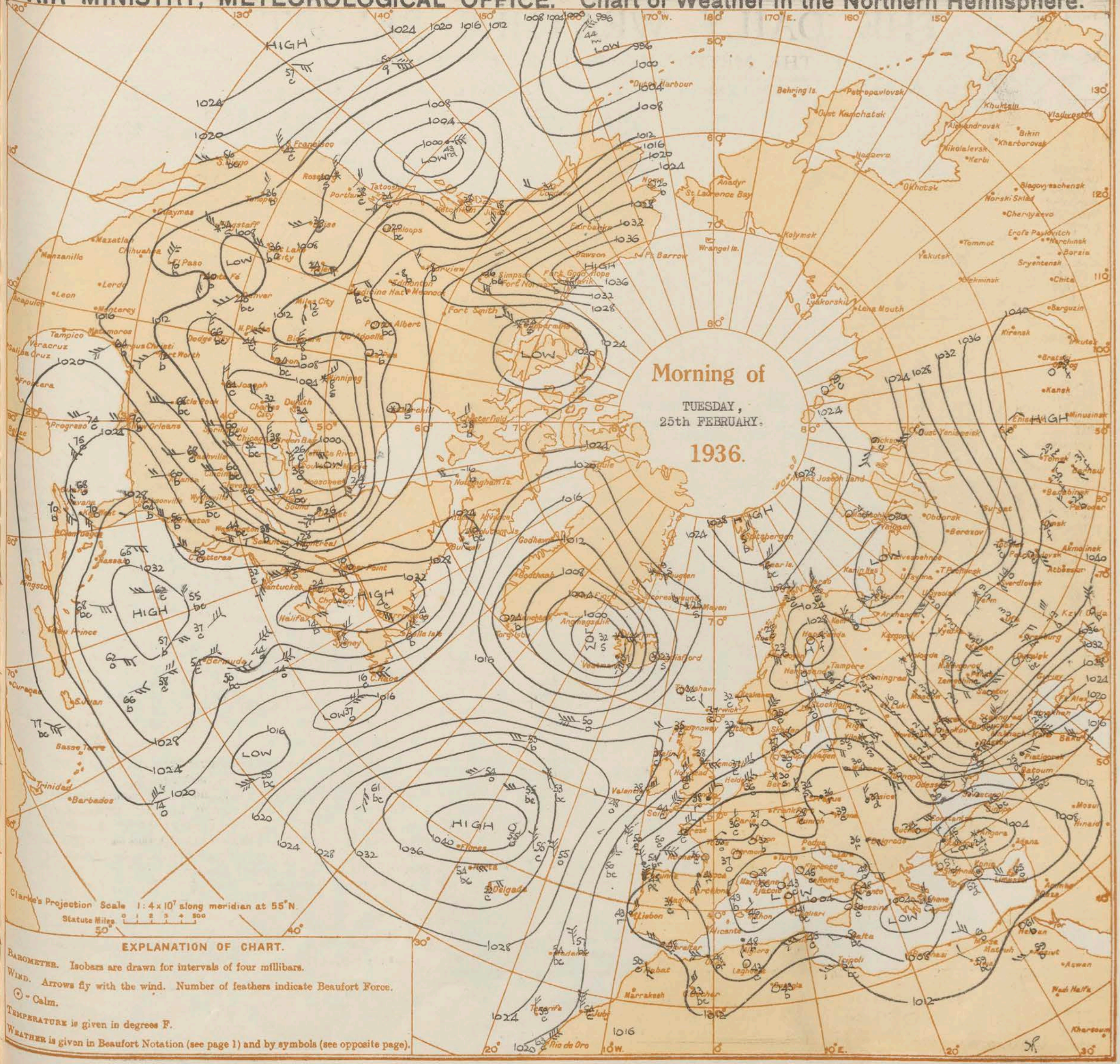
FURTHER OUTLOOK.

Dry over tomorrow in Southern England, unsettled elsewhere; milder temporarily.

Forecasts issued at 1030 G.M.T.

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

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 25th February 1936.
No. 27123

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Cloud. Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1010·5	+24	NE	3	$r_o r_o$	39	85	6	5	–	–	10	10	800
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1010·3	+24	N'E	3	z_o	36	95	6	5	–	–	4-6	4-6	2500
	Manston ...	142	1010·4	+28	NW	3	prs	36	95	7	8	–	–	10	10	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1011·6	+24	NE'N	5	$r_o r_o$	37	95	6	6	–	–	10	10	1500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1010·3	+30	NE	4	o	40	95	7	5	–	–	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1012·0	+34	N'E	4	bc	38	85	8	4	–	–	2-3	2-3	2500
	Scilly (St. Mary's)	163	1012·6	+30	NE'N	6	bc	43	75	6	3	–	–	4-6	4-6	1500
	Guernsey ..	175	1008·1	+32	NE	4	bc	42	75	6	5	–	–	4-6	4-6	2500
6	Pembroke ...	142	1013·1	+14	NE'N	5	bcq	41	95	6	5	–	–	4-6	4-6	2500
7	Holyhead ...	26	1017·0	+30	NE'N	5	c	42	85	6	5	–	–	10	10	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1014·5	+30	ENE	5	bc	38	95	8	5	7	–	4-6	4-6	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1018·7	+24	ENE	4	ir_o	39	95	6	6	–	–	10	10	1500
11	Inchkeith ...	190	1020·8	+22	NE	4	c	38	95	8	5	2	–	4-6	9	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1018·5	+22	ENE	5	bc	40	85	8	4	–	–	4-6	4-6	4000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1022·3	+14	E	2	c	38	85	8	5	7	–	4-6	7-8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1023·2	+16	–	0	c	39	75	8	8	2	–	7-8	10	1500
16	Lerwick ...	156	1023·2	+10	NW	4	c	37	85	8	5	–	–	7-8	7-8	1500
17	Blacksod Point	18	1022·3	+20	–	0	bc	38	85	8	4	–	–	2-3	2-3	1500
18	Malin Head ...	52	1021·9	+28	E	1	bc	41	95	7	5	–	–	2-3	2-3	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1020·5	+20	NE'N	4	c	43	95	8	4	–	–	7-8	7-8	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Cloud. Form. Med. (24)	Cloud. Form. High (25)	Cloud. Amount. Low 0–10 (26)	Cloud. Amount. Total 0–10 (27)	Cloud. Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1015·6	+24	NNE	4	c/r	39	85	6	6	2	–	7-8	10	800	1	*
	Croydon ...	1014·6	+22	NNE	4	$r_o r_o$	36	95	5	6	–	–	10	10	800	1	*
	S. Farnborough	1015·8	+22	NNE	3	$r_o r_o$	37	95	6	6	–	–	10	10	800	1	*
	Boscombe Down	1016·1	+22	NNE	4	c	37	85	7	5	2	–	4-6	10	800	1	*
	Calshot (Sthmtn.)	1014·8	+22	N	4	id_o	39	85	7	6	–	–	10	10	460	1	2
	Lympne ...	1013·3	+18	NNE	5	pr_o	37	95	6	9	–	–	9	9	800	1	1
	Manston ...	1013·7	+22	NE	4	pr_o	38	95	7	9	–	–	10	10	1500	1	*
2	Shoeburyness ...	1015·1	+26	NNW	4	$r_o r_o$	38	95	6	6	2	–	7-8	10	450	1	*
	Felixstowe ...																
	Gorleston ...	1016·0	+20	N'E	5	c	37	85	6	8	–	–	10	10	2500	1	4
	Mildenhall ...	1016·7	+22	NNE	4	id_o	37	95	6	6	–	–	10	10	800	1	*
	Cranwell ...	1019·0	+28	N'E	4	c/r	35	95	6	5	2	–	9	10	1500	1	*
3	Birmingham ...	1019·1	+20	NNE	4	id_o	36	95	5	6	–	–	10	10	800	1	*
	Upper Heyford	1017·2	+24	NE'N	3	ir_o	36	95	6	5	2	–	9+	10	800	1	*
4	Ross-on-Wye	1018·5	+20	N'E	3	id_o	37	85	6	6	–	–	10	10	2500	1	*
5	Portland Bill ...	1015·0	+20	NE	3	c	39	85	7	8	–	–	10	10	1500	1	2
	Plymouth ...	1016·2	+28	NNE	4	bc	40	75	8	8	4	–	2-3	4-6	1500	1	2
	The Lizard ...	1016·4	+30	NNE	5	c	41	85	8	8	2	–	9	9+	2500	1	3
	Scilly (St. Mary's)	1017·4	+32	NE'N	6	c	44	85	7	5	–	–	9+	9+	2500	1	4
	Guernsey ..	1013·3	+34	NE	5	c	42	85	7	8	–	–	10	10	2500	1	4
6	Pembroke ...	1018·9	+20	NE'E	3	c	41	85	7	5	–	–	9+	9+	2500	1	2
7	Holyhead ...	1021·6	+20	NE'N	3	c	41	85	8	7	–	–	9+	9+	4000	1	3
	Chester (Sealand)	1020·7	+16	NNE	3	o/pr	38	85	6	5	–	–	10	10	1500	1	*
8	Manchester ...	1020·8	+22	ENE	2	c/pr	38	85	6	8	–	–	10	10	1500	1	*
10	Spurn Head ...	1018·6	+18	NE'E	5	o	37	95	7	6	–	–	10	10	1500	1	4
	Catterick ...	1022·2	+18	NNE	2	c/r	35	95	6	5	2	–	9	10	1500	1	*
	Tynemouth ...	1021·7	+16	E	4	o/r	38	65	7	6	–	–	10	10	1500	1	3
11	Inchkeith ...	1023·8	+14	E	2	c	37	85	8	8	–	–	10	10	2500	0	2
	Leuchars ...	1023·6	+12	N	1	c	36	95	7	5	2	–	7-8	10	2500	1	*
12	Renfrew (Abbots I.)	1023·9	+8	E	1	z_o	37	85	6	5	–	–	10	10	2500	1	*
	Eskdalemuir ...	1023·4	+12	NE'N	3	$r_o s_o$	34	95	7	5	–	–	9+	9+	800	1	*
	Point of Ayre ...	1022·3	+12	ENE	4	o	39	85	8	5	–	–	10	10	1500	1	2
13A	Tiree	1022·5	+4	SSE	2	c	38	95	8	5	–	–	9+	9+	4000	0	2
13B	Stornoway ...	1022·5	0	WSW	2	c	35	85	8	5	7	–	7-8	9	1500	1	1
15	Dalwhinnie ...	1024·5	+4	NE	1	c	31	95	7	4	2	–	4-6	10	2500	4	*
	Aberdeen ...	1023·7	+6	W'S	1	z_o	36	95	6	5	–	–	10	10	2500	1	2
	Wick ...	1023·2	-2	W	1	c	35	95	8	5	2	–	7-8	10	1500	1	2
16	Lerwick ...	1022·4	0	NNW	1	c	37	85	8	5	7	–	4-6	9	1500	1	*
17	Blacksod Point	1024·2	+8	E	1	c	40	95	8	–	5	–	0	7-8	–	0	2
18	Malin Head ...	1023·8	+8	SSE	1	c	38	95	7	5	–	–	9+	9+	2500	0	1
	Aldergrove ...	1023·2	+10	NNW	1	bc	32	95	7	8	–	–	4-6	4-6	1500	1	*
19	Birr Castle ...	1023·7	+12	NW	1	bc	29	95	7	–	4	–	0	2-3	–	1	*
20	Valentia Obsy. †	1024·4	+18	NE'E	3	c	38	85	8	–	7	8	0	9+	–	1	2
	Roches Point	1022·9	+20	NNE	2	c	42	75	8	5	–	–	9	9	1500	1	2

PAST 24 HOURS.

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

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	$cm_o om$	$ofcm$	$cm_o r_o$	43	36	27	–	3	0·0	*	*	6
Croydon	217	$cm_o m$	cbz_o	$bmfw_o r_o$	44	35	30	–	1	1·1	*	*	5
Greenwich (Royal Observatory) ...	149	c	$cp_o ob$	errc	47	36	31	Tr	3	1·3	72	87	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	45	37	35	4		0·0	75	87	*
Regents Pk. (Botanic Gardens)† ...	168	*	*	*	44	36	33	Tr	4	0·0	75	91	*
Camden Square	110	ooc	ogc	*	43	36	28	–	3	*	*	89	*
Kensington	80	cr	co	*	42	36	28	0·1	4	0·0	At 18h. 77	87	*
Hampstead Observatory	450										*		*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 25th

South Kensington. Max.	Time.	Min.	Time.
2·0	13-14h 24th	<0·3	6-7h. 25th.

Kew Observatory. Max.	Time.	Min.	Time.
1·4	16h. 24th	<0·1	3h 25th.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 24th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 25th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1003·1	WNW	1	c/pr	39	1010·5	NE	1	c	36
Brussels	1004·9	–	0	c	43	1011·5	N	2	F	36
Berlin	1003·9	NNE	1	dr	34	1007·0	N	1	$s_o s_o$	34
Zürich	1007·0	NW	2	c	39	1008·7	N	1	bc	30
Rome	1007·1	NNW	3	u	55					

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
45	36	1	0·2
45	30	–	–
36	32	Tr	0·6
50	30	–	–
*	*	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.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 26th February, 1936.
No. 27124

District	Stations (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 25th February: Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	%Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)	OBSERVATIONS at 18h. G.M.T. 25th February: Barom. at M.S.L. mb (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount Low 0–10 (26)	Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)	PAST 24 HOURS. Weather. 7h.—13h. 25th (37)	13h.—18h. 25th. (38)	18h. 25th to 1h. 26th (39)	1h.—7h. 26th (40)
1	London (Kew)	1019·8	+16	NNE	3	0 z_o	39	75	6	5	-	-	10	10	1500	1020·9	+10	NE	3	0 z_o	38	76	5	5	-	-	10	10	2500	1	*	cm_o	cm_o	cz_o	cm_o
	Croydon ...	1019·3	+16	NNE	4	c z_o	38	75	5	5	2	-	9	10	1500	1020·4	+10	NNE	4	ir_o	37	75	4	6	2	-	7-8	10	2500	1	*	$cr_or_om_o$	cz_opr_o	cir_om_o	cm_o
	S. Farnborough	1019·9	+18	NNE	3	c	39	75	7	5	2	-	7-8	10	1500	1020·9	+10	N	2	o/r	37	75	6	5	-	-	10	10	4000	1	*	or_oid_oc	cir_oc	cm_o	cm_o
	Boscombe Down	1020·5	+22	NNE	4	c	37	85	7	5	2	-	9	10	1500	1021·5	+10	N'E	3	c	36	75	7	5	2	-	7-8	10	2500	1	*	c	c	cbc	bcm_o
	Calshot (Sthmtn.)	1019·4	+18	N	5	c	41	75	7	8	7	-	7-8	9+	1500	1020·8	+12	NW	4	c	38	85	6	5	7	-	9	10	2500	1	2	cid_oc	ccm_o	cm_o	cm_o
	Lympne ...	1017·7	+14	N'E	5	c z_o	37	85	6	6	2	-	9	10	800	1019·4	+10	N	4	c/r	36	85	6	6	2	-	9+	10	800	1	§ 3	or_oq	cir_om_o	r_od_oc	$obcm_o$
	Manston ...	1017·8	+14	NNE	4	ir_o	38	85	7	6	2	-	7-8	10	800	1019·1	+10	N	4	ir_o	37	85	7	6	-	-	10	10	800	1	*	bir_oq	cr_od_o	or_oc	cbc
2	Shoeburyness ...	1018·6	+14	N	4	c	39	85	7	5	2	-	7-8	10	450	1020·0	+12	NW	3	c	37	85	7	5	2	-	7-8	10	800	1	*	r_or_oc	cid_oc	cid_oc	cxF
	Felixstowe ...																																		
	Gorleston ...	1018·7	+8	NW	5	o/r	37	85	6	6	-	-	10	10	1500	1019·6	+8	NW	4	ir_o	37	85	6	6	-	-	10	10	1500	1	3	oir_hs	oir_o	oc	cf
	Mildenhall ...	1020·3	+12	N'E	3	c/d	38	85	7	5	2	-	7-8	10	800	1020·8	+6	N'E	2	c	37	86	7	5	2	-	7-8	10	1500	1	*	cm_oid_o	c	c	cm_of
	Cranwell ...	1021·9	+10	N	3	c z_o	38	76	6	8	2	-	7-8	10	1500	1021·8	+2	N'E	2	c	37	85	7	5	3	-	4-6	7-8	2500	1	*	cid_o cirs	cid_o	cbcx	bcm_omx
3	Birmingham ...	1022·3	+12	NNE	3	c m	36	85	4	6	2	-	4-6	10	1500	1022·5	0	N	2	c z_o	37	75	5	5	-	-	9+	9+	1500	1	*	cr_os_o	c	cbc	bcc
	Upper Heyford	1021·9	+22	NNE	3	c/rs	36	95	7	5	2	-	4-6	10	1500	1022·2	+10	NNE	2	c z_o	36	85	6	5	2	-	7-8	10	1500	1	*	$cr_od_or_os$	cr_os	cbcc	cbcbbcx
4	Ross-on-Wye	1021·8	+12	NNE	2	o z_o	38	75	5	5	-	-	10	10	1500	1022·1	0	NNW	2	o z_o	37	85	5	5	-	-	10	10	1500	1	*	$o\,p_o$	om_oco	om_ocb	$bcxcm_o$
5	Portland Bill ...	1019·7	+24	ENE	4	c	41	85	7	4	-	-	9	9	2500	1020·9	+20	NE	4	c	38	95	7	4	-	-	10	10	2500	1	3	oc	cc	cbc	bcz_o
	Plymouth ...	1020·4	+18	NNE	4	c	43	65	8	8	3	-	7-8	7-8	2500	1022·1	+18	NNE	3	o z_o	40	75	7	5	-	-	10	10	2500	1	1	cbc	$bccz_o$	cz_o	cx
	The Lizard ...	1020·6	+18	NEE	4	c	43	65	8	4	6	-	4-6	9+	2500	1022·3	+14	N'E	3	c	40	75	7	4	2	-	9	10	1500	1	2	c	c	c	c
	Scilly (St. Mary's)	1021·4	+12	NEN	6	c	46	75	7	8	-	-	7-8	7-8	2500	1022·7	+6	NEN	4	c	42	75	7	5	-	-	9	9	2500	1	3	c	c	c	c
	Guernsey ...	1017·0	+6	NEE	4	c/pr	42	85	7	8	-	-	10	10	2500	1019·2	+16	NE	4	o	41	85	7	5	-	-	10	10	2500	1	3	copro	oir_oo	o	oc
6	Pembroke ...	1022·3	+8	ENE	3	c	44	75	7	5	7	-	4-6	9	2500	1022·6	+4	ENE	2	c	40	65	7	5	2	-	7-8	9+	2500	1	2	c	c	oz_oo	oz_oprqc
7	Holyhead ...	1023·6	+6	ENE	4	c	42	65	8	8	-	-	10	10	4000	1023·0	0	SE	2	o	40	75	8	5	-	-	10	10	4000	1	1	c	c	cz_oc	r_id_oc
	Chester (Sealand)	1023·4	+6	ENE	1	o z_o	39	75	5	5	-	-	10	10	2500	1022·9	-8	NWN	2	o z_o	38	75	5	5	-	-	10	10	2500	1	*	cm_o	cz_o	cz_obcm_o	bcm_o
8	Manchester ...	1023·6	+8	ENE	3	c z_o	39	65	5	8	-	-	9+	9+	2500	1022·8	-2	NNW	2	c z_o	38	85	5	8	-	-	10	10	2500	1	*	cm_o	cm_o	cm_obm	b-cm
10	Spurn Head ...	1022·0	+10	NE	5	c	40	75	7	5	7	-	7-8	9+	2500	1021·6	0	NW	3	c	37	95	7	5	2	-	4-6	10	1500	1	2	oc	prc	c	cff
	Catterick ...	1023·2	-2	N'E	1	c	41	65	7	8	2	-	7-8	9	1500	1022·6	-4	NNW	1	c z_o	38	85	6	5	8	-	7-8	10	4000	1	*	pr_oem_obc	ccm_o	cm_o	$cbcm_o$
	Tynemouth ...	1023·1	0	N	3	c	40	75	7	9	-	-	9	9	1500	1022·1	-4	N	2	o	40	75	7	6	-	-	10	10	1500	1	3	oc	co	o	obc
11	Inchkeith ...	1024·4	+4	W	2	c	38	85	6	5	-	-	9+	9+	1500	1021·0	-10	SW	2	c	38	75	7	5	-	-	9	9	800	0	2	c	c	c	c
	Leuchars ...	1023·7	-6	W	1	o	39	86	7	5	-	-	10	10	4000	1021·1	-12	WSW	2	c	38	85	7	5	7	-	7-8	10	4000	1	*	em_oc	em_oc	cir_o	cm_o
12	Renfrew (Abbots I.)	1023·7	-6	E'E	1	c/f	41	75	5	5	9	-	4-6	7-8	2500	1021·1	-10	SWS	2	o z_o	39	75	6	5	-	-	10	10	4000	1	*	$cm_oid_oim_o$	cm_o	cm_o	cm_or_or
	Eskdalemuir ...	1023·5	-6	SW	2	bc	38	65	8	1	-	1	4-6	4-6	2500	1022·0	-6	SWW	2	c	35	75	7	5	-	-	4-6	7-8	2500	1	*	ir_os_obc	$cybc$	cr_os_o	or_or_o
	Point of Ayre...	1024·3	+6	E	1	o	40	85	8	5	-	-	10	10	1500	1022·8	-8	SW	1	o	39	85	8	5	-	-	10	10	2500	1	2	p	o	o	or_or
13A	Tiree	1021·2	-14	S	5	c	41	95	8	5	2	-	9	10	2500	1017·9	-22	SW	4	c/f	43	95	6	6	2	-	9+	10	1500	1	3	cir_o	cid_oir	$cddr$	cid
13B	Stornoway ...	1019·1	-16	SSW	4	c/pr	41	85	8	5	7	-	7-8	10	1500	1014·3	-20	SSW	5	c/pr	43	95	6	5	2	-	7-8	10	1500	1	3	cpr_oc	cpr_oc	cir_o-c	cpr
15	Dalwhinnie ...	*	-8	W	2	c	36	75	8	4	6	-	4-6	10	4000	1019·8	-8	W	1	c	34	85	7	4	2	-	4-6	10	2500	1	*	c	c	*	iroc
	Aberdeen ...	1022·6	-8	W	3	c	41	65	8	7	-	3	7-8	9	4000	1019·4	-16	SW	2	c z_o	38	75	6	5	3	8	2-3	9+	4000	1	1	z_obcc	$cycz_o$	cz_o	cz_o
	Wick ...	1021·4	-12	SW	3	c	41	75	8	8	6	-	4-6	7-8	1500	1017·5	-8	SW	3	c	39	75	8	5	2	-	7-8	10	1500	1	2	c	c	cpr_o	cprc
16	Lerwick ...	1020·1	-20	WN	3	c	41	86	8	8	2	-	7-8	9+	1500	1016·3	-16	SSW	3	c	39	75	7	5	7	-	4-6	10	1500	0	*	cbcc	c	cirorr	cirpr
17	Blacksod Point	1023·4	-10	SW	3	c	45	75	7	5	-	-	7-8	7-8	800	1020·9	-28	SW	3	c	46	95	7	5	-	-	10	10	800	0	3	bc	ir_o	id_o	id_o
18	Malin Head ...	1023·2	-12	S	3	c	42	85	7	5	1	-	7-8	9+	1500	1020·1	-18	SSW	3	c	42	95	7	5	1	-	7-8	10	1500	0	1	c	e	c	cid
	Aldergrove ...	1024·1	0	WSW	2	c	41	85	6	7	-	7	7-8	10	2500	1022·2	-6	SSW	2	c	39	85	8	5	7	-	4-6	7-8	5700	1	*	bcm_cm_o	cpr_obc	cir_oc	cr_or_oc
19	Birr Castle ...	1025·4	+6	SW	1	c	42	75	8	5	-	-	10	10	2500	1023·6	-6	NSW	1	c	42	86	8	5	-	-	9+	9+	2500	1	*	bcc	c	cir_o	cir_o
20	Valentia Obsy. †	1025·8	+2	-	0	c	46	65	8	5	3	-	4-6	9+	7200	1024·5	-8	-	0	c	44	75	8	5	3	-	7-8	9+	1500	1	2	c	c	$ir_or_or_o$	r_or_oc
	Roches Point	1024·9	+6	NNE	2	c	45	75	8	5	-	3	2-3	7-8	1500	1024·2	-4	NW	1	c	45	75	8	5	3	-	4-6	7-8	2500	1	1	c	c	bcc	oir_c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{10}$ of the sky.
"9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

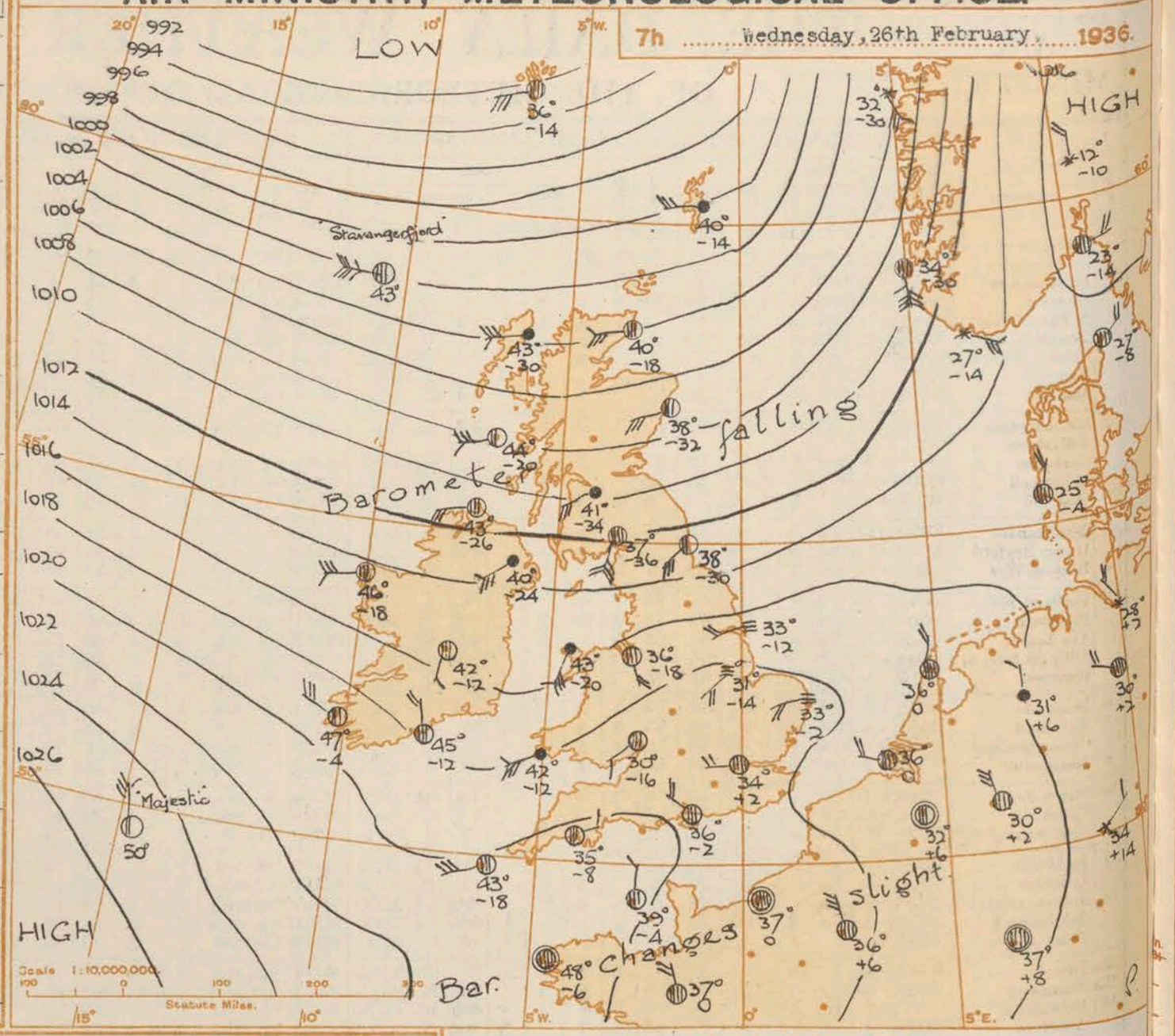
† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 25th February 1936

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 24th to 9h. 25th.	Temperature. Max. 9h.—17h. ..25th.	Rainfall. Night. 17h. 24th to 9h. 25th.	Rainfall. Day. 9h.—17h. ..25th.	Sunshine. Sunrise to 17h. 25th.	Sunshine. Sunrise to Sunset. ..24th.
1	Tunbridge W.	o	o	33	38	1	-	0·0	0·1
	Bournemouth	o	boo	36	43	-	-	1·0	0·1
	Ventnor ...	pou	cocu	37	41	0·3	-	0·4	4·6
	Southsea ...	oe	co	36	42	-	-	0·1	3·1
	Bognor Regis	orc	bcobc	36	41	-	Trace	0·3	2·4
	Littlehampton	c	co	35	42	Trace	-	0·3	1·2
	Worthing ...	e	cbcc	36	42	1	-	1·0	0·0
	Brighton ...	cdc	cb	36	41	0·1	Trace	0·2	0·0
	Eastbourne† ...	or.	oc	35	41	1	0·2	0·0	0·8
	Hastings† ...	odo	occo	31	42	2	0·6	0·0	0·1
	Folkestone ...	odr.r	orood	36	39	1	4	0·0	2·1
	Dover ...	rro	roir.	37	40	3	2	0·0	1·6
	Deal	iro	r.o	35	41	0·6	3	0·0	6·3
	Ramsgate ...	or	rd.	37	39	5	2	0·0	6·6
	Margate ...	cr	c	37	40	3	2	0·0	7·0
2	Southend ...	oc	o	35	39	1	-	0·0	5·2
	Maldon ...	ro	o	36	39	1	-	0·0	4·5
	Clacton-on-Sea	oprs	oprs	35	38	1	0·2	0·0	7·0
	Dovercourt ...	oc	doc	35	38	1	Trace	0·0	5·1
	Lowestoft ...	epro	or.o.	34	38	5	0·4	0·0	0·0
	Skegness ...	obco	obco	36	39	2	Trace	0·3	2·5
	Mablethorpe...	og more	cbccm.	37	40	2	Trace	0·8	3·6
	Cleethorpes ...	crs	bcor	35	40	1	0·1	0·9	3·3
3	Leamington S.			36	39	1	-	0·0	0·0
4	Cheltenham†	m.oir	o m.c	36	40	2	0·3	0·0	0·1
5	Bath	roc	ec	38	39	1	Trace	0·0	1·1
	Weymouth ...	e	cbcc	37	44	1	-	1·3	0·0
	Jersey ...	rcbc	bepe	38	46	2	Trace	5·0	2·3
	Torquay ...	bccz.	bbco	39	44	-	-	1·6	0·0
	Penzance ...	bcc	cbc	40	46	0·3	-	2·9	1·3
	St. Ives ...	c	o	41	44	-	-	0·0	0·0
	Bude... ...	bcc	c	39	42	-	-	1·1	0·3
	Ilfracombe ...	opco	o	40	42	0·2	-	0·0	0·0
6	Aberystwyth	c	c	38	43	-	-	0·0	0·6
7	Llandudno ...	c	c	39	41	-	-	0·0	0·0
	Colwyn Bay...	o	o	38	40	-	-	0·0	0·0
	Rhyl	c m.	om.	38	41	-	-	0·0	0·0
8	Wallasey ...	m r.	cbcco	37	40	-	Trace	0·1	0·0
	Southport‖ ...	oco	o	36	41	-	-	0·2	0·7
	Blackpool ...	o	co	37	41	-	-	0·3	1·9
	Morecambe ...	ccbcc	cbbcc	37	43	—	-	0·6	2·0
9	Ilkley... ...	c	c	34	41	1	-	0·9	1·3
	Harrogate ...	cbc	bcc	35	40	1	-	1·4	0·6
10	Berwick-on-T.	oc	co	36	41	1	-	1·1	0·0
11	Dunbar ...	bc	bc	37	42	1	-	0·5	0·0
12	Troon... ...	cfocf	cbcc	36	42	-	-	0·5	0·0
	Douglas ...	cid	cid	36	40	-	Trace	0·0	0·1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 26th February, 1936
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light or moderate southwest wind, veering west later; cloudy, slight rain this evening; bright intervals and showers tomorrow; milder.
4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England	Wind southwest, veering west, light or moderate, fresh and squally locally later; rain at first, mostly slight, showers and bright intervals later; milder.
11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 {A. W. Scotld. B.N.W.Scotland.} 14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	Moderate or fresh squally westerly wind; cloudy, bright intervals later; occasional rain, with local hail sleet or snow later; heaviest precipitation in the West; rather mild, then somewhat colder.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Moderate or fresh squally west wind; cloudy, occasional rain; bright intervals and showers later, with local hail or sleet; rather mild then somewhat colder.

P.W. Stationery Office Press, Kingsway, W.C.2.

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

GENERAL INFERENCE.

A depression near Southern Iceland is moving slowly east or east-south-east. Weather will be unsettled but rainfall will be slight in eastern districts and there will be bright intervals tomorrow.

FURTHER OUTLOOK.

Showers, chiefly in the West, bright intervals; snow locally as far south as Wales and the North Midlands. Temperature falling somewhat but still up to average in the South.

Forecasts issued at

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

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

Morning of

WEDNESDAY,
26th FEBRUARY.

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 26th February 1936.

No. 27124

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility. 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1020·9	-2	NW'N	2	z_o	37	75	6	5	-	-	10	10	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1019·9	-2	N	4	c	35	85	6	5	2‡	-	7-8	10	2500
	Manston ...	142	1020·1	+2	NNW	4	c	37	85	7	5	-	-	10	10	800
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1020·2	+4	NW'W	1	c	36	95	6	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	+2	N	3	bc	35	95	6	4	-	-	4-6	4-6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1022·8	0	NE	2	c	39	75	7	5	1	-	9+	10	2500
	Scilly (St. Mary's)	163	1023·3	-4	E'N	1	c	42	75	7	5	-	-	10	10	2500
	Guernsey ..	175	1020·8	+2	NNE	2	o	40	75	6	5	-	-	10	10	2500
6	Pembroke ...	142	1022·4	-4	S	1	o	40	65	7	5	-	-	10	10	2500
7	Holyhead ...	26	1020·4	-14	SSW	3	c	42	75	7	5	-	-	10	10	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1020·3	-4	NW	1	c	36	95	8	5	7	-	4-6	7-8	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1019·3	-20	SW	2	o	38	75	6	6	-	-	10	10	1500
11	Inchkeith ...	190	1015·8	-20	SSW	4	c	39	75	8	5	2	-	4-6	9	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1019·9	-18	SW'W	2	o	39	85	8	5	-	-	10	10	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1008·8	-16	WSW	4	c	44	85	6	5	7	-	7-8	9+	1500
15	Dalwhinnie ..	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	-	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1008·6	-40	SSW	5	c/pr	39	75	8	8	1	8	4-6	7-8	1500
16	Lerwick ...	156	1005·2	-44	SSW	7	rr	40	95	7	6	-	-	10	10	800
17	Blacksod Point	18	1017·7	-18	SW	3	c	46	95	7	5	-	-	10	10	450
18	Malin Head ...	52	1014·6	-24	SSW	3	c	43	95	7	5	-	-	10	10	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1021·2	-6	SW	2	DD	46	95	4	6	-	-	10	10	220
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1019·4	0	W	1	z_o	35	85	5	5	-	-	10	10	2500	1	*
1019·4	+2	W	2	z_o	34	95	5	5	-	-	10	10	1500	1	*
1019·7	-2	W	1	z_o	33	95	5	5	-	-	9	9	4000	1	*
1020·3	+2	-	0	z_o	29	95	6	-	7	6	0	2-3	-	1	*
1019·8	-2	NW	2	z_o	36	85	6	5	-	-	9+	9+	2500	1	§2
1018·9	-2	NNW	3	z_o	33	95	5	5	3	1	4-6	7-8	2500	1	§1
1019·3	+4	NW'N	3	bc	35	85	7	7	3	1	4-6	4-6	800	1	*
1019·3	-2	-	0	F	32	95	1	-	-	-	10	10	<150	1	*
1018·2	-2	W'S	2	of	33	95	3	5	-	-	10	10	1500	1	2
1018·7	-4	S'W	1	of	33	95	3	5	-	-	10	10	1500	1	*
1018·2	-14	SW	2	m	31	85	4	-	3	-	0	2-3	-	4	*
1018·7	-12	SW	2	c	32	85	7	5	7	-	7-8	9+	4000	1	*
1019·8	-8	SW	2	z_o	29	95	5	5	7	8	2-3	7-8	1500	1	*
1018·9	-16	SW	1	z_o	30	85	6	5	-	-	10	10	2500	4	*
1019·8	-6	N	3	bc	34	95	7	4	-	-	4-6	4-6	2500	1	2
1020·9	-8	E'N	1	c	35	85	7	5	4	-	9	9+	2500	1	1
1020·4	-6	WSW	2	c	40	85	7	4	2	-	9	10	2500	1	2
1020·0	-18	WSW	3	c	43	75	7	5	-	-	10	10	2500	1	2
1020·0	-4	N'E	1	c	39	75	7	8	-	-	10	10	2500	1	3
1017·8	-12	SW'W	4	pr_o	42	75	7	5	2	-	7-8	10	1500	1	2
1015·5	-20	SSW	4	id_o	43	85	7	5	-	-	10	10	1500	1	3
1016·8	-18	SSE	2	z_o	36	75	6	5	-	-	9	9	5700	1	*
1017·2	-24	S'W	2	m	34	85	4	5	7	-	7-8	10	2500	1	*
1017·4	-12	WSW	2	cf	33	95	2	5	1	-	4-6	7-8	<150	4	1
1014·0	-28	SW'W	4	z_o	38	85	6	5	9	2	4-6	7-8	4000	1	*
1012·6	-30	SW	3	bc	38	85	6	6‡	-	-	4-6	4-6	4000	1	1
1008·7	-32	SSW	4	c	41	85	8	5	-	-	10	10	2500	0	3
1008·2	-34	WSW	5	c	40	95	6	5	-	-	10	10	1500	1	*
1009·8	-34	SW	3	r_o	41	95	5	5	-	-	9+	9+	800	1	*
1011·5	-36	SSW	5	c/r	37	95	6	5	-	-	10	10	<150	1	*
1013·5	-24	W'S	4	c	40	95	7	5	-	-	9	9	800	1	3
1007·8	-20	WSW	4	bc	44	95	7	5	3	-	4-6	4-6	1500	1	3
1002·7	-30	WSW	4	pr_o	43	95	7	8	7	-	7-8	9+	1500	1	2
1007·6	-20	W	2	c	38	85	7	4	2	-	4-6	10	2500	1	*
1006·4	-32	SW'W	3	z_o	38	85	6	5	7	-	2-3	9+	4000	1	1
1003·2	-18	WSW	4	c	40	85	8	5	7	-	7-8	9	1500	1	2
999·2	-14	W'S	3	pr_o	40	95	7	8	2	-	7-8	9	800	1	*
1014·8	-18	WSW	4	c	46	85	7	5	-	-	10	10	800	1	3
1011·1	-26	WSW	3	c/d	43	95	7	6	-	-	9+	9+	1500	1	2
1012·7	-24	SW	4	ir_o	40	95	6	5	-	-	9+	9+	450	1	*
1015·5	-12	SSW	1	c/r	42	95	7	6	2	-	9	10	2500	1	*
1019·0	-4	WNW	3	c	47	85	8	5	-	-	10	10	1500	1	3
1017·8	-12	NNW	2	c	45	95	8	6	-	-	7-8	7-8	1500	1	2

PAST 24 HOURS.

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

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	cm_o	cm_o	cz_o	39	35	32	Tr	-	0·0	*	*	5
Croydon	217	cr_{sm_o}	$cz_o pr_o$	cir_{m_o}	39	34	33	0·1	Tr	0·0	*	*	4
Greenwich (Royal Observatory)...	149	c	chc	cf	39	35	32	Tr	-	0·0	78	90	3
City (Bunhill Row	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	40	36	34	-	-	0·0	76	86	*
Regents Pk. (Botanic Gardens)† ...	168	*	*	*	39	35	33	-	-	0·0	81	90	*
Camden Square	110	c	c	*	39	35	32	-	-	*	*	88	*
Kensington	80	co	coz	*	39	35	33	Tr	-	0·0	At 18h. 82	83	*
Hampstead Observatory	450	op	op	o	37	32	27	Tr	-	0·0	*	95	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
0·6	15-16h 25th	<0·3	2-3h 26th

Kew Observatory.

Max	Time.	Min.	Time.
0·3	7h 26th	0·1	2h 26th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 25th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 26th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp °F.
Paris	1015·5	NNE	4	oz_o	39	1012·5	NNW	3	o	36
Brussels	1015·8	N'E	3	c	36	1017·5	—	0	c	32
Berlin	1010·6	NW	1	c/s	34	1012·6	NW	1	id_o	34
Zürich	1011·4	ENE	1	o	41	1015·2	N	2	cz_o	32
Rome	1005·7	NW	4	bc	52	1010·1	NE	3	c	43

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
48	36	-	-
36	32	1	Tr
36	32	1	0·1
46	30	-	-
*	*	0·1	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 ,,
2 Fog	550 ,,
3 Moderate fog	1,100 ,,
4 Mist or haze	1¼ miles.
5 Poor visibility	2¼ ,,
6 Moderate ,,	6½ ,,
7 Good ,,	12½ ,,
8 Very good ,,	31 ,,
9 Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 27th February, 1936.

No. 27125.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	%Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1015·7	-28	SW	3	c z$_o$	43	55	6	6	-	7	1	9+	4000
	Croydon ...	1016·1	-26	SW	2	c z$_o$	41	65	6	5	7	-	1	9+	2500
	S. Farnborough	1016·1	-26	SW	3	c	43	55	7	1	7	1	2-3	7-8	2500
	Boscombe Down	1016·5	-26	SW	3	c	39	55	7	5	-		9+	9+	5700
	Calshot (Stmtn.)	1017·2	-22	SSW	3	c z$_o$	44	65	6	2	3	-	1	9	4000
	Lympne ...	1016·8	-22	W	2	c z$_o$	40	65	6	8	6	6	7-8	9+	2500
	Manston ...	1016·6	-22	WSW	1	c	40	75	67	5	2	-	7-8	9+	1500
2	Shoeburyness ...	1016·2	-22	SWS	2	c m	41	75	4	2	1	-	2-3	10	2500
	Felixstowe ...														
	Gorleston ...	1015·0	-16	S	3	c	40	75	7	8	5	-	4-6	7-8	2500
	Mildenhall ...	1015·0	-24	SWS	3	c z$_o$	43	55	6	-	5	6	0	7-8	-
	Cranwell ...	1013·3	-26	SSW	4	c z$_o$	38	75	5	5	2	-	4-6	10	5700
3	Birmingham ...	1013·8	-26	SW	3	c	37	75	5	5	-	-	9	9	1500
	Upper Heyford	1015·3	-24	SSW	3	0 z$_o$	38	85	6	5	-	-	10	10	2500
4	Ross-on-Wye	1014·5	-16	SWW	4	c/pr	39	85	5	5	2	-	4-6	10	2500
5	Portland Bill ...	1016·7	-20	WSW	3	c	41	65	7	4	-	-	10	10	2500
	Plymouth ...	1017·0	-22	SSW	3	id$_o$	42	85	6	5	-	-	10	10	1500
	The Lizard ...	1015·8	-14	SWS	4	c	45	95	6	5	2	-	9	10	1500
	Scilly (St. Mary's)	1015·9	-24	SWW	4	id$_o$	46	95	6	5	-	-	10	10	800
	Guernsey ...	1019·0	-6	-	0	c	43	65	7	8	-	-	9+	9+	2500
6	Pembroke ...	1013·0	-16	WS	3	id	44	95	6	5	2	-	7-8	10	1500
7	Holyhead ...	1010·4	-30	WSW	4	c	46	85	7	8	-	-	9+	9+	2500
	Chester (Sealand)	1011·4	-22	WSW	3	c	45	75	7	5	-	-	9	9	1500
8	Manchester ...	1011·5	-30	SWS	3	c/d	41	95	5	6	2	-	7-8	10	800
10	Spurn Head ...	1011·6	-24	SW	4	c z$_o$	41	85	5	5	2	-	4-6	10	1500
	Catterick ...	1008·4	-30	SW	4	c	42	85	7	8	7	-	9+	10	1500
	Tynemouth ...	1006·2	-32	SW	3	0	42	75	6	6	-	-	10	10	1500
11	Inchkeith ...	1003·6	-26	SSW	5	c	44	85	7	8	6	-	4-6	7-8	1500
	Leuchars ...	1002·0	-32	SW	5	c	46	85	7	5	7	-	4-6	9	800
12	Renfrew (Abbotsl.)	1003·5	-38	WS	6	bc	49	75	7	8	6	-	4-6	4-6	1500
	Eskdalemuir ...	1005·3	-30	SW	6	ir	41	95	7	6	-	-	10	10	1500
	Point of Ayre ...	1006·3	-26	WS	4	c	48	85	8	5	-	-	9	9	1500
13A	Tiree	1002·4	-28	W	4	c	44	75	7	8	7	-	9	9+	1500
13B	Stornoway ...	998·3	-20	WSW	5	c/pr	40	95	8	8	7	5	4-6	7-8	1500
15	Dalwhinnie ...	1001·0	-24	W	1	c	39	85	7	4	6	-	4-6	10	2500
	Aberdeen ...	1000·3	-28	WSW	1	c z$_o$	44	75	6	8	7	-	1	9	1500
	Wick ...	997·8	-16	WSW	4	c/pr	43	75	8	8	6	-	4-6	7-8	1500
16	Lerwick ...	993·8	-20	SW	5	c	42	75	8	8	7	-	4-6	7-8	1500
17	Blacksod Point	1010·7	-22	W	4	bc	47	85	7	5	-	-	4-6	4-6	800
18	Malin Head ...	1006·0	-30	W'N	6	c jp	45	95	7	9	9	-	7-8	9+	1500
	Aldergrove ...	1008·1	-26	WSW	4	pr$_o$	46	85	7	9	9	-	4-6	7+	1500
19	Birr Castle ...	1012·3	-24	WSW	1	c	49	85	8	8	-	-	7-8	7-8	2500
20	Valentia Obsy. †	1016·1	-18	W	3	c	50	85	8	5	-	-	9+	9+	800
	Roches Point	1014·7	-12	NW	3	c/pr	48	85	8	9	-	9	4-6	4-6	1500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1011·1	-30	SW	3	0 z$_o$	41	65	6	5	-	-	10	10	5700	1	*
	Croydon ...	1012·1	-24	SW'S	3	0 z$_o$	40	65	6	5	-	-	10	10	4000	1	*
	S. Farnborough	1012·2	-20	SSW	2	c	39	75	6	5	-	-	10	10	2500	1	*
	Boscombe Down	1011·8	-26	SSW	3	c	39	75	7	5	2	-	7-8	9+	1500	1	*
	Calshot (Stmtn.)	1013·0	-20	SW'S	4	c	41	75	7	5	2	-	4-6	10	2500	1	2
	Lympne ...	1013·6	-20	SW'S	3	bc	36	75	6	-	4	1	0	2-3	-	1	§ 1
	Manston ...	1012·9	-24	SSW	3	c	35	85	6	5	3	-	2-3	7-8	2500	1	*
2	Shoeburyness ...	1012·3	-28	SW	4	c	40	75	6	5	7	-	4-6	10	4000	1	*
	Felixstowe ...																
	Gorleston ...	1011·2	-20	S	4	0	40	75	6	5	-	-	10	10	1500	1	2
	Mildenhall ...	1010·4	-22	SW	5	c z$_o$	40	65	6	5	2	-	4-6	10	2500	1	*
	Cranwell ...	1008·6	-12	SSW	4	ir$_o$	39	85	5	6	2	-	10	10	1500	1	*
3	Birmingham ...	1009·3	-16	SSW	3	ir	37	85	5	6	2	-	9	10	800	1	*
	Upper Heyford	1010·9	-22	SSW	4	0 z$_o$	38	85	6	5	-	-	10	10	1500	1	*
4	Ross-on-Wye	1009·8	-14	SSW	3	d$_o$d$_o$	38	95	4	6	-	-	10	10	800	1	*
5	Portland Bill ...	1011·7	-34	SW	4	c	43	85	7	4	-	-	10	10	2500	1	3
	Plymouth ...	1011·4	+38	SW	4	dd	45	95	5	-	2	-	10	10	220	1	3
	The Lizard ...	1012·0	-10	WNW	4	c	46	95	8	8	1	-	9+	10	2500	1	2
	Scilly (St. Mary's)	1012·9	-14	WNW	4	c	47	75	8	8	-	-	10	10	2500	1	2
	Guernsey ...	1015·0	-20	SW'W	2	c	42	85	7	5	-	-	9+	9+	2500	1	1
6	Pembroke ...	1008·1	-14	W	4	c/d	45	95	7	5	2	-	9	10	1500	1	2
7	Holyhead ...	1005·0	-36	SW'S	4	c	45	85	7	5	5	-	7-8	9+	4000	1	2
	Chester (Sealand)	1006·6	-22	WSW	3	pr$_o$	45	75	6	5	-	-	7-8	7-8	4000	1	*
8	Manchester ...	1006·2	-34	SW	4	id$_o$	43	95	5	5	7	-	9	10	1500	1	*
10	Spurn Head ...	1006·2	-24	SW	5	0	39	95	6	5	-	-	10	10	800	0	3
	Catterick ...	1003·4	-24	SW	2	c	43	75	8	8	8	-	9	9+	1500	1	*
	Tynemouth ...	1003·6	-24	SW	1	c	43	75	6	5	1	-	7-8	9	1500	1	1
11	Inchkeith ...	999·2	-22	SW	4	c/pr	39	95	7	3	8	-	4-6	7-8	1500	1	2
	Leuchars ...	998·0	-22	SW	3	c	41	85	8	8	-	-	7-8	7-8	2500	1	*
12	Renfrew (Abbotsl.)	999·0	-26	WSW	3	c/pr	41	85	7	8	-	-	7-8	7-8	1500	1	*
	Eskdalemuir ...	1000·1	-30	WSW	5	c/r	39	95	6	8	-	-	9	9	1500	1	*
	Point of Ayre ...	1002·7	-16	W	4	c	45	95	8	5	1	-	7-8	10	1500	1	2
13A	Tiree	999·3	-34	WNW	6	c	40	85	6	9	2	-	9	10	800	1	4
13B	Stornoway ...	999·9	-24	WSW	4	pr$_o$	39	85	7	5	7	-	4-6	7-8	1500	1	2
15	Dalwhinnie ...	995·9	-28	W	1	is	35	85	5	4	2	-	4-6	10	2500	1	*
	Aberdeen ...	996·0	-26	SWS	2	bc z$_o$	42	75	6	4	-	-	2-3	2-3	4000	1	1
16	Wick ...	993·3	-20	WSW	4	c	39	85	8	8	6	-	4-6	7-8	1600	1	2
	Lerwick ...	992·6	-8	SW	5	c/pr	39	85	8	8	7	-	4-6	7-8	800	1	*
17	Blacksod Point	1004·3	-36	WNW	6	cq	42	85	8	9	-	-	10	10	800	1	4
18	Malin Head ...	999·4	-34	NW	6	pr$_o$	38	95	7	9	-	-	9+	9+	1500	1	3
	Aldergrove ...	1002·3	-38	SWW	5	c	42	85	8	9	-	-	9	9	1500	1	*
19	Birr Castle ...	1000·9	-36	WSW	2	c	46	75	8	5	-	-	9+	9+	2500	1	*
20	Valentia Obsy. †	1011·7	-20	NW	5	c	48	65	8	5	-	-	9+	9+	1500	1	4
	Roches Point	1009·9	-24	W'N	3	c/pr	49	75	8	6	-	-	7-8	7-8	1500	1	2

PAST 24 HOURS.

District	Stations. (For heights see p. 4.)	Weather. 7h.—18h. 26th (37)	Weather. 13h.—18h. 26th (38)	Weather. 18h.–25th to 1h. 27th (39)	Weather. 1h.—7h. 27th. (40)
1	London (Kew)	c z$_o$	c z$_o$	cm$_o$r$_o$	cm$_o$rr.
	Croydon ...	cm m$_o$	c z$_o$	cz$_o$pr$_o$r$_o$	cir$_o$rm$_o$
	S. Farnborough	cm$_o$bey	beyc	cd$_o$r$_o$m$_o$	ar$_o$rr$_o$c
	Boscombe Down	bem$_o$c	c	arrm$_o$c	r$_o$r$_o$bc
	Calshot (Stmtn.)	cm$_o$	c z$_o$yc	cr$_o$	cepr$_o$bc
	Lympne ...	cm$_o$z$_o$⊕	cbcz$_o$	b-cm$_o$	cr$_o$d$_o$m$_o$
	Manston ...	bc c/c	cbcm$_o$	bcbm$_o$c	cr$_o$dd
2	Shoeburyness ...	Ffcm	z$_o$cm$_o$	cm$_o$c	cir$_o$c
	Felixstowe ...				
	Gorleston ...	cfc	c z$_o$z$_o$	opr$_o$q	or$_o$r$_o$
	Mildenhall ...	cfcmbcm$_o$	bccm$_o$	cr$_o$	cRRr$_o$
	Cranwell ...	cxm z$_o$	cm$_o$o	am$_o$pr.	cpr$_o$
3	Birmingham ...	cc	cr$_o$	codir.	cr.
	Upper Heyford	bcxcm$_o$	cm$_o$	cr$_o$r.	cr$_o$r$_o$
4	Ross-on-Wye	cm$_o$cp$_o$	cm$_o$o d$_o$m$_o$	d$_o$mir$_o$	op$_o$cp
5	Portland Bill ...	bcc	cc	rrc	c
	Plymouth ...	cm$_o$d$_o$	cod rddm$_o$	oddm$_o$c	eprbc
	The Lizard ...	cpr m$_o$	cr$_o$rm	cpr	cprc
	Scilly (St. Mary's)	ir$_o$id	d$_o$q c	cp$_o$q	pqcbc
	Guernsey ...	c	c	col$_o$r$_o$	p$_o$rc
6	Pembroke ...	r m$_o$ide	cq mide	cq prbc	cq bc
7	Holyhead ...	ld$_o$ddc	li$_o$c	cPRqpr	cbc
	Chester (Sealand)	cr$_o$d$_o$m$_o$c	cpr$_o$bc	cpr$_o$	cPRqbc
8	Manchester ...	cm d d$_o$	cir d$_o$	d$_o$PRPH.	PRqprs
10	Spurn Head ...	Fmcz	z c o	cpr	pr$_o$c
	Catterick ...	bcc m$_o$	cv	cv cprc	cpr$_o$c
	Tynemouth ...	bcom	OC	cobc	bc
11	Inchkeith ...	c	cpr	cir$_o$c	bcc
	Leuchars ...	cm$_o$	cpr c	bcb-c	c
12	Renfrew (Abbotsl.)	rr$_o$r$_o$o bc	bcq PH	cPRor$_o$	cmPR
	Eskdalemuir ...	fcc irq	cir	cr$_o$bc	cs$_o$m$_o$
	Point of Ayre ...	r$_o$rc	cpr	occ	c
13A	Tiree	cir	iRqr	cir cpr.	bc iR
13B	Stornoway ...	cpr q	cpr	bcpr q	bcc pr$_o$
15	Dalwhinnie ...	ir c	ir cis	*	isc
	Aberdeen ...	cz c z.	bc bz$_o$	bcz$_o$b.	bz$_o$bx
16	Wick ...	cpr$_o$c	c	bcc	c
	Lerwick ...	cphr	cpr	bc	bcc
17	Blacksod Point	pr$_o$c	Prcq	PHRq	PHRq
18	Malin Head ...	cpr$_o$	cphr	cPRr$_o$	cPR
	Aldergrove ...	cir d$_o$jp	cpr$_o$oc	cpr$_o$c	cr$_o$DD
19	Birr Castle ...	cir$_o$c	c	cpr bc	bcex
20	Valentia Obsy. †	cidc	cidc	prpr c	prpr$_o$
	Roches Point	cpr$_o$bc	cpr$_o$c	cpr c	cp$_o$oc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{10}$ of the sky.
"9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

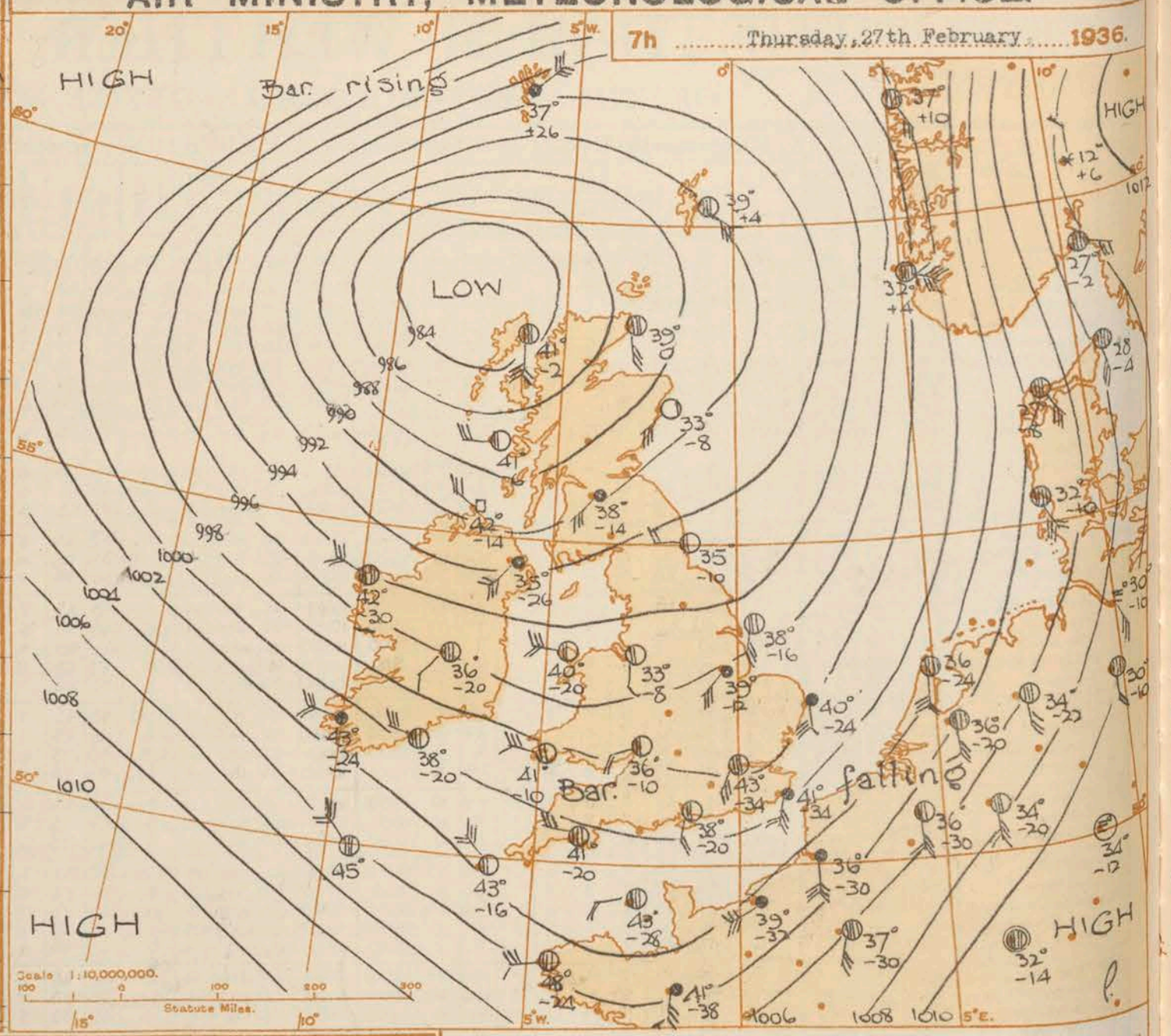
REPORTS from HEALTH RESORTS for 26th February 1936

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 25th to 9h. 26th	Temperature. Max. 9h.—17h. 26th	Rainfall. Night. 17h. 25th to 9h. 26th	Rainfall. Day. 9h.—17h. 26th	Sunshine. Sunrise to 17h. 26th.	Sunshine. Sunrise to Sunset. 25th
1	Tunbridge W.	o	oco	32	41	-	-	0·1	0·0
	Bournemouth	bo	o	31	43	-	-	1·0	1·0
	Ventnor ...	cbcu	cou	35	43	-	-	0·7	0·4
	Southsea ...	c	co	36	43	-	-	0·3	0·1
	Bognor Regis	oebc	bc	36	43	-	-	1·3	0·3
	Littlehampton	c	c	35	42	-	-	0·6	0·3
	Worthing ...	c	cbc	36	43	-	-	1·2	1·0
	Brighton ...	c	co	35	43	-	-	1·8	0·2
	Eastbourne† ...	c	cbc	35	43	-	-	1·0	0·0
	Hastings† ...	eco	cbc	35	43	-	-	1·7	0·0
	Folkestone ...	c	coc	34	42	0·6	-	0·2	0·0
	Dover ...	bcc	cdc	35	41	1	-	0·4	0·0
	Deal	ocbc	o	34	43	1	-	1·4	0·0
	Ramsgate ...	cbcm	c	34	41	1	-	1·4	0·0
	Margate ...	cbc	cbc	33	41	0·6	-	1·5	0·0
2	Southend ...	cmoc	coc	33	42	Trace	-	0·9	0·0
	Maldon ...	qco	o	32	42	-	-	0·0	0·0
	Clacton-on-Sea	ofxbc	bcc	29	42	Trace	-	1·5	0·0
	Dovercourt ...	xocf	dc	30	41	Trace	-	0·0	0·0
	Lowestoft ...	proc	c	31	43	1	-	2·7	0·0
	Skegness ...	cbc	beo	32	40	0·6	-	1·2	0·3
	Mablethorpe...	cmbc	bcom	31	42	Trace	-	1·2	0·8
	Cleethorpes ...	ombc	coz	31	42	2	-	1·9	0·9
3	Leamington S.	o	o	29	40	-	-	0·0	0·0
4	Cheltenham†	mocq	opoc	27	40	-	Trace	0·0	0·0
5	Bath	cm	c	26	41	-	-	0·0	0·0
	Weymouth ...	bcc	c	30	43	-	-	0·8	1·3
	Jersey ...	c	c	39	44	-	-	0·2	5·0
	Torquay ...	ocm	ocm	29	43	-	-	0·0	1·6
	Penzance ...	cid	dcbcc	39	49	-	2	0·2	2·9
	St. Ives ...	c	d	38	48	-	Trace	1·8	0·0
	Bude... ...	c	ceo	37	46	-	-	0·0	1·1
	Ilfracombe ...	oco	od	37	44	-	Trace	0·0	0·0
6	Aberystwyth	epr	c	37	45	1	1	0·0	0·0
7	Llandudno ...	cod	ccd	36	47	Trace	Trace	1·0	0·0
	Colwyn Bay...	cbcc	cc	36	48	0·3	-	1·5	0·0
	Rhyl	cbce	cod	35	46	Trace	0·1	0·2	0·0
8	Wallasey ...	oc	cop	36	45	Trace	Trace	0·0	0·1
	Southport‖ ...	odo	oro	35	43	Trace	0·3	0·0	0·2
	Blackpool ...	od	od	37	42	0·1	1	0·0	0·3
	Morecambe ...	erned	eircc	34	43	Trace	3	0·0	0·6
9	Ilkley... ...	obcc	copo	30	43	-	1	0·6	0·9
	Harrogate ...	c	cir	37	43	-	Trace	0·1	1·4
10	Berwick-on-T.	o	erc	36	47	-	Trace	1·2	1·1
11	Dunbar ...	bc	bc	37	48	-	-	2·5	0·5
12	Troon... ...	roebc	rcbc	37	46	1	1	0·7	0·5
	Douglas ...	ccbc	ircbq	37	46	0·5	0·3	1·2	0·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Thursday, 27th February ..... 1936.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 27th Feb, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light or moderate southwest or west wind; bright intervals, occasional showers; average temperature.
5 S.W. England 6 South Wales ...	Moderate or fresh west or northwest wind; showers of rain, hail or sleet; snow on higher hills; bright intervals; rather cold.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	Moderate or fresh west wind, becoming light variable; intermittent rain, hail or sleet, heavy locally, with snow on hills; rather cold.
10 N.E. England 11 S.E. Scotland	Wind southwest to variable, finally east to northeast light or moderate; showers with snow locally on hills; bright intervals at first; rather cold.
12 S.W. Scotland & Isle of Man.	Wind southwest to variable, becoming northeast mainly moderate or light; intermittent rain, hail or sleet, heavy locally, with snow on hills, improving tomorrow; rather cold.
13 A. W. Scotld. 13 B.N.W.Scotland.	Freshening east to northeast wind, perhaps gale locally later; showers, with snow on hills; rather cold.
14 Mid Scotland	As 12 - 13A.
15 N. E. Scotland	Wind south backing northeast, freshening later; bright intervals and local showers at first, cloudy with occasional rain later; snow on hills; rather cold.
16 Orkneys and Shetlands	As 13B.
17 N. W. Ireland 18 N. E. Ireland	Wind west, veering north later, fresh locally; intermittent rain, hail or sleet, heavy locally, with snow on hills; rather cold.
19 S. E. Ireland 20 S. W. Ireland	As 5 - 6.

P.W. Stationery Office Press, Kingsway, W.C.2.

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

GENERAL INFERENCE.

A depression off the Hebrides is moving slowly south and will probably turn southeast while a large anticyclone over Greenland is spreading southeast. Weather will be unsettled generally but there will be bright intervals in the South and East.

FURTHER OUTLOOK.

Unsettled and rather cold. Snow locally on high ground.

Forecasts issued at 1010 G.M.T.

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

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

Morning of

THURSDAY,
27th FEBRUARY.

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 27th February, 1936.
No. 27125.

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

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	1004·4	-3·8	SSW	5	ir*	39	95	6	6	-	-	10	10	800
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1007·1	-3·4	SW'S	5	0	39	85	6	5	-	-	10	10	4000
	Manston ...	142	1006·4	-3·4	SW	5	0	40	75	7	5	-	-	10	10	2500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1004·2	-2·8	S	4	q	38	85	6	5	-	-	10	10	1500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1003·8	-3·0	NW	4	0	45	95	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1006·2	-2·4	WNW	5	pr	40	95	7	8	-	-	10	10	2500
	Scilly (St. Mary's)	163	1006·4	-2·4	WNW	6	pr	46	95	7	8	-	-	10	10	1500
	Guernsey ..	175	1008·1	-3·8	WSW	3	0	44	95	6	5	-	-	10	10	1500
6	Pembroke ...	142	1001·1	-2·4	WNW	5	bcq	43	85	7	8	-	-	4·6	4·6	2500
7	Holyhead ...	26	998·1	-2·4	W	5	c/pr	42	75	7	6	2	-	4·6	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	998·9	-3·0	SSW	4	pr	38	95	7	5	-	-	10	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ..	100	995·4	-2·4	SW	2	bc	39	85	7	5	-	-	4·6	4·6	1500
11	Inchkeith ...	190	993·4	-2·4	SW	3	bc	35	95	8	5	-	-	2·3	2·3	4000
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Rentrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	997·0	-1·0	WNW	6	bc	40	85	8	6	-	-	4·6	4·6	4000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	985·7	-1·4	SSW	5	pr	40	85	8	8	7	3	4·6	4·6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	988·8	-0·6	SW	4	c	37	85	8	8	7	-	4·6	7·8	1500
16	Lerwick ...	156	990·3	0	SW	2	bc	38	95	8	8	2	-	2·3	2·3	1500
17	Blacksod Point	18	999·3	-3·0	W	6	cq	42	85	7	9	-	-	10	10	800
18	Malin Head ...	52	992·2	-2·4	WNW	6	bc/r	40	95	7	9	-	-	4·6	4·6	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1005·7	-1·0	WNW	6	c/r	42	95	7	6	-	-	7·8	7·8	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	997·0	-2·6	WSW	2	c/r	41	95	6	5	-	-	7·8	7·8	1500	1	*
	Croydon ...	996·8	-3·4	SW'S	3	q/r	43	95	7	6	7	-	7·8	9	2500	1	*
	S. Farnborough	997·4	-2·4	WSW	2	bc	37	95	7	5	5	-	4·6	4·6	2500	1	*
	Boscombe Down	997·7	-2·2	SW'S	2	c	37	95	7	5	-	-	7·8	7·8	1500	1	*
	Calshot (Sthmtn.)	998·5	-2·0	SW'S	2	bc	38	95	8	8	7	-	1	4·6	2500	1	1
	Lympne ...	999·7	-3·4	SSW	5	ir*	41	95	5	6	-	-	10	10	450	1	§1
	Manston ...	999·0	-3·4	SW'S	5	id*	41	95	6	6	-	-	10	10	800	1	*
2	Shoeburyness ...	998·2	-3·6	S'W	3	ir*	42	95	7	6	2	-	7·8	10	1500	1	*
	Felixstowe ...																
	Gorleston ...	998·3	-2·4	S	4	r/r*	40	95	5	6	-	-	10	10	800	1	3
	Mildenhall ...	996·7	-3·0	SSW	3	c/r	41	95	6	6	7	-	7·8	9+	800	1	*
	Cranwell ...	996·3	-1·2	SW	3	ir*	39	95	6	9	7	-	7·8	9+	1500	1	*
3	Birmingham ...	996·8	-1·0	WSW	3	bc/r	36	95	6	5	3	-	2·3	4·6	2500	1	*
	Upper Heyford	996·8	-1·6	W	2	ir*	37	95	6	6	2	-	9+	10	800	1	*
4	Ross-on-Wye	997·2	-1·0	WSW	2	bc/pr	36	85	8	6	-	-	2·3	2·3	2500	1	*
5	Portland Bill ...	998·0	-2·0	WNW	3	0	43	95	8	8	-	-	10	10	1500	1	3
	Plymouth ...	999·8	-2·0	WNW	3	c	41	85	8	8	3	3	4·6	7·8	1500	1	2
	The Lizard ...	1000·8	-1·2	NW'W	4	c	41	85	8	8	2	-	7·8	9+	1500	1	3
	Scilly (St. Mary's)	1001·4	-1·6	NW	5	bc	43	75	8	3	-	-	4·6	4·6	1500	1	3
	Guernsey ..	1001·2	-2·8	W'S	2	c	43	95	8	8	1	-	4·6	7·8	2500	1	3
6	Pembroke ...	996·7	-1·0	WNW	4	bcq	41	75	8	8	-	-	4·6	4·6	2500	1	3
7	Holyhead ...	999·9	-2·0	W	5	bc	40	85	7	2	7	-	4·6	4·6	1500	1	3
	Chester (Sealand)	995·3	-·8	S'W	1	bc	33	85	6	5	4	-	2·3	4·6	2500	1	*
8	Manchester ...	994·1	-1·6	WSW	3	bc*	35	95	5	9	-	-	4·6	4·6	1500	1	*
10	Spurn Head ...	994·3	-1·6	SSW	4	c	38	95	7	5	2	-	7·8	10	1500	1	2
	Catterick ...	993·4	-·8	SE'S	1	c	34	95	8	8	6	-	7·8	7·8	2500	1	*
	Tynemouth ..	992·2	-1·0	W	2	bc	35	85	6	2	-	-	4·6	4·6	2500	1	1
11	Inchkeith ...	991·3	-2·0	SW	3	c	37	85	8	5	7	-	4·6	7·8	1500	0	2
	Leuchars ...	989·4	-1·2	SW	4	c	36	85	7	5	-	-	9+	9+	1500	1	*
12	Rentrew (Abbots L.)	990·0	-1·4	SW	3	pr*	38	95	6	5	-	1	7·8	7·8	800	1	*
	Eskdalemuir ...	991·3	-1·0	S'W	3	S,S*	33	95	5	5	-	-	10	10	<150	6	*
	Point of Ayre...	992·6	-·8	W'S	3	bc	38	95	8	4	-	-	4·6	4·6	1500	1	2
13A	Tiree	986·2	-·6	W	3	bc	41	95	7	5	7	-	4·6	4·6	2500	1	3
13B	Stornoway ...	983·3	-·2	S	5	c	41	95	8	8	7	3	7·8	9+	1500	1	3
15	Dalwhinnie ...	987·7	-·6	W	1	c	33	85	7	4	2	-	4·6	10	2500	7	*
	Aberdeen ...	989·0	-·8	SW	3	b	33	95	8	5	-	-	1	1	2500	A	1
	Wick ...	987·2	0	S	3	c	39	75	8	8	1	-	4·6	7·8	1500	1	2
16	Lerwick ...	990·8	+·4	SE	4	c	39	85	8	8	7	-	4·6	7·8	1500	1	*
17	Blacksod Point	993·5	-·3	WNW	5	cQ	42	85	7	9	-	-	10	10	800	1	4
18	Malin Head ...	988·1	+·4	WNW	3	cjp	42	95	7	8	-	-	9+	9+	1500	1	2
	Aldergrove ...	990·7	-·2·6	SW	5	dr	35	95	6	6	2	-	9+	10	450	1	*
19	Birr Castle ...	995·6	-·2·0	SW	1	c	36	95	8	5	-	-	9+	9+	2500	1	*
20	Valentia Obsy. †	1000·1	-·2·4	WNW	5	pr	43	75	8	9	-	-	9+	9+	1500	1	4
	Roches Point	999·2	-·2·0	WN	3	bc	38	85	8	6	4	-	4·6	4·6	1500	1	2

PAST 24 HOURS.

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

LONDON OBSERVATIONS

Obs. 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	c2o	cz.	cm r	43	40	36	-	1	0·7	*	*	6
Croydon	217	cm m*	cz.	c2r*m	43	39	37	-	1	0·3	*	*	6
Greenwich (Royal Observatory)	142	c	cq	cd d r c	43	39	36	-	2	0·0	55	85	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	43	36	35	2		0·1	55	84	*
Regents Pk. (Botanic Gardens)† ...	168	*	*	*	43	38	37	-	2	0·0	66	91	*
Camden Square	110	c	c	*	42	36	36	-	2	*	*	86	*
Kensington	80	coplc	c	*	43	39	34	1	-	0·1	55 At 18h.	85	*
Hampstead Observatory	450	am	apm	arm	41	34	31	0·1	3	0·0	*	95	*

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 26th February. Barom mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 27th February. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1016·1	-	0	02o	39	1006·3	S3W	3	c2o	37
Brussels	1014·7	SW	2	0	36	1004·7	S	5	c	36
Berlin	1014·5	WS	2	0	32	1012·7	S	1	bcm	32
Zürich	1015·6	NW	2	02o	39	1012·6	NW	1	bz.	30
Rome	1011·8	ESE	5	0	54					

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 27th

South Kensington. Max.	Time.	Min.	Time.
0·6	10–11h 26th	<0·3	2·4h 27th

Kew Observatory. Max.	Time.	Min.	Time.
0·8	9h 26th	<0·1	0–6h 27th

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
41	37	0·5	-
37	34	-	-
34	30	Tr.	Tr.
46	28	-	-
*	*	-	

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 28th February, 1936.
No. 27126.

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

Dist.	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. (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)	995·4	−12	WSW	2	bc	44	65	6	2	-	1	4-6	4·6	2500
	Croydon ...	995·3	−10	NW'W	2	bc	44	65	6	8	3	4	4-6	7-8	2500
	S. Farnborough	995·5	−14	WNW	3	c	45	65	7	2	3	5	7-8	7-8	2500
	Boscombe Down	995·8	−14	W	3	c	44	65	8	8	-	-	7-8	7-8	2500
	Calshot (Sthmtn.)	996·7	−6	NW'N	3	bc	46	55	8	7	-	-	2-3	2-3	4000
	Lympne ...	996·8	−12	S	3	$r_o r_o$	40	95	6	6	-	-	10	10	800
	Manston ...	996·2	−10	S	3	$r_o r_o$	40	95	6	6	2	-	4-6	10	800
2	Shoeburyness ...	996·1	−8	W'S	3	c/r	44	85	6	5	2	-	10	10	4000
	Felixstowe ...														
	Gorleston ...	995·9	−6	SSW	2	c	42	95	6	9	-	-	9+	9+	2500
	Mildenhall ...	995·6	0	SW	1	c	43	75	8	8	7	-	4-6	9	2500
	Cranwell ...	995·0	−10	SW'W	3	bc	45	65	6	3	-	-	4-6	4-6	2500
3	Birmingham ...	994·9	−10	SSW	3	bc	43	65	7	7	-	-	4-6	4-6	2500
	Upper Heyford	995·4	−6	WNW	3	c	43	65	9	8	-	-	9	9	2500
4	Ross-on-Wye	994·5	−14	WSW	4	bc	46	55	8	8	-	5	2-3	4-6	4000
5	Portland Bill ...	995·5	−16	W	4	bc	45	75	8	4	-	-	2-3	2-3	2500
	Plymouth ...	996·9	−18	W'S	3	c/pr	46	75	8	8	-	6	2-3	7-8	1500
	The Lizard ...	997·4	−16	W	5	c/pr	46	65	8	8	6	-	4-6	7-8	2500
	Scilly (St.Mary's)	997·6	−24	WNW	6	c/pr	45	75	7	3	4	3	4-6	7-8	2500
	Guernsey ...	998·5	−14	NW	4	bc	46	65	8	1	-	-	2-3	2-3	2500
6	Pembroke ...	993·4	−16	W	4	pr_o	43	85	7	8	7	-	7-8	9	2500
7	Holyhead ...	991·7	−12	WSW	4	c	43	75	8	8	3	-	7-8	9	1500
	Chester (Sealand)	992·8	−14	SW	3	c	49	55	8	8	7	1	4-6	7-8	2500
8	Manchester ...	992·8	−14	SW'S	3	c	45	65	7	8	3	-	7-8	7-8	2500
10	Spurn Head ...	993·7	−4	WSW	2	c	42	85	7	3	7	-	4-6	7-8	1500
	Catterick ...	992·1	−6	SW	3	c	42	75	8	8	4	-	7-8	9	4000
	Tynemouth ...	991·6	−2	S	1	bc	44	65	7	5	-	-	4-6	4-6	1500
11	Inchkeith ...	990·4	−2	SSW	3	c	40	85	8	8	-	-	10	10	2500
	Leuchars ...	990·0	+6	SSW	3	c	40	85	7	5	2	-	7-8	9+	1500
12	Renfrew (Abbots I.)	989·2	0	SSW	2	c	43	75	8	8	-	4-	9+	9+	1500
	Eskdalemuir ...	989·8	−4	S'W	4	pr	38	95	7	5	-	-	9	9	1500
	Point of Ayre...	990·7	−6	W'S	4	c	43	95	8	3	-	-	7-8	7-8	1500
13A	Tiree	986·6	+6	S	3	c	45	85	8	8	-	3	4-6	9	1500
13B	Stornoway ...	989·3	+22	NE	2	c	42	85	8	5	7	-	4-6	7-8	1500
15	Dalwhinnie ...	988·3	+6	W	1	c	37	85	7	5	2	-	4-6	10	2500
	Aberdeen ...	990·2	+12	S'W	3	c	40	85	6	8	-	-	7-8	7-8	2500
	Wick ...	989·6	+16	E	3	c	41	75	8	8	7	-	7-8	9	1500
16	Lerwick ...	992·2	+10	SSE	2	bc	42	85	8	8	7	8	4-6	4-6	1500
17	Blacksod Point	993·6	+2	NNW	4	c	43	75	8	9	-	-	9	9	800
18	Malin Head ...	9850	−8	W	4	cjp	45	85	7	8	-	-	9+	9+	1500
	Aldergrove ...	989·6	−6	SW	4	c	42	85	8	8	7	-	4-6	9	800
19	Birr Castle ...	992·3	−8	WNW	2	c	46	75	8	4	-	-	7-8	7-8	2500
20	Valentia Obsy. †	997·3	−2	N'W	6	phr	44	75	8	9	-	-	9+	9+	1500
	Roches Point	993·4	−28	NW	5	c/phr	44	85	8	6	-	3	4-6	7-8	1500

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

Dist.	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	993·5	−8	-	0	bz_o	41	65	5	5	-	-	1	1	4000	1	*
	Croydon ...	993·5	−6	WSW	1	bz_o	40	65	5	4	6	-	Tr	1	5700	1	*
	S. Farnborough	993·4	−4	-	0	fq	40	65	7	4	-	-	2-3	2-3	4000	1	*
	Boscombe Down	993·0	−10	S'E	1	tjp	41	75	7	5	2	-	7-8	7-8	2500	1	*
	Calshot (Sthmtn.)	994·0	−10	SW'S	2	bc	41	85	7	8	4	-	2-3	2-3	2500	1	1
	Lympne ...	994·5	−18	S	2	c/r	40	95	7	8	3	-	4-6	7-8	800	1	§ 3
	Manston ...	994·1	−12	SSE	2	$r_o r_o$	39	95	6	6	2	-	7-8	10	1500	1	*
2	Shoeburyness ...	994·3	−4	-	0	c	40	95	6	5	1	-	7-8	10	7200	1	*
	Felixstowe ...																
	Gorleston ...	994·7	−8	SE	2	r_o	40	95	6	6	-	-	10	10	2500	1	2
	Mildenhall ...	993·6	−4	ESE	1	bc	40	75	7	4	0	-	2-3	2-3	4000	1	*
	Cranwell ...	993·8	−6	SE'S	1	bcz_o	38	85	6	5	3	-	2-3	2-3	2500	1	*
3	Birmingham ...	993·1	−6	SSW	2	pr	40	75	6	8	-	-	9	9	2500	1	*
	Upper Heyford	993·3	−6	ESE	1	cz_o	40	75	6	4	7	-	4-6	7-8	2500	1	*
4	Ross-on-Wye	992·9	−8	SW'S	2	bc	39	85	7	4	-	-	4-6	4-6	2500	1	*
5	Portland Bill ...	992·7	−12	WSW	4	c	44	85	7	4	-	-	7-8	7-8	2500	1	3
	Plymouth ...	992·5	−22	W'S	4	phr	43	85	6	9	-	-	9+	9+	800	1	2
	The Lizard ...	992·5	−24	W	2	c	41	95	8	9	-	-	7-8	7-8	2500	1	3
	Scilly (St.Mary's)	992·3	−16	WNW	6	bc	46	75	7	3	6	-	2-3	4-6	1500	1	3
	Guernsey ...	995·2	−20	SW	1	o/pr	43	85	7	5	-	-	7-8	7-8	1500	1	1
6	Pembroke ...	989·6	−12	-	0	c	40	95	7	8	6	-	4-6	9	2500	1	2
7	Holyhead ...	989·7	−8	S	2	c	41	85	8	8	-	6	2-3	9+	2500	1	2
	Chester (Sealand)	991·3	−4	S'W	1	bcz_o	41	65	6	8	-	-	2-3	2-3	4000	1	*
8	Manchester ...	991·5	−4	SSE	1	$c\,m$	42	75	4	5	3	-	7-8	7-8	4000	1	*
10	Spurn Head ...	992·7	−6	SSE	3	bc	39	95	7	5	2	-	2-3	4-6	2500	0	2
	Catterick ...	991·7	+2	SE	1	c	38	95	7	8	8	-	4-6	9	2500	1	*
	Tynemouth ...	990·8	−6	S	1	bc	40	75	6	4	-	-	4-6	4-6	4000	1	1
11	Inchkeith ...	990·1	+2	ENE	3	c	39	95	8	8	7	-	7-8	9	2500	0	2
	Leuchars ...	990·6	+6	SE	2	c	39	85	7	5	7	-	7-8	9	1500	1	*
12	Renfrew (Abbots I.)	990·2	+16	NW'W	1	cz_o	38	95	6	8	-	-	7-8	7-8	1500	1	*
	Eskdalemuir ...	990·3	+4	SW'W	2	c/rs	35	95	6	5	-	-	9+	9+	800	1	*
	Point of Ayre...	990·0	+4	S'E	2	pr	41	95	8	9	-	-	4-6	4-6	1500	1	1
13A	Tiree	990·5	+26	N'E	4	cjp	41	95	8	9	-	3	7-8	10	1500	1	4
13B	Stornoway ...	992·0	+12	NNE	4	c/pr	39	85	8	8	7	-	4-6	7-8	1500	1	2
15	Dalwhinnie ...	990·0	+4	W	1	c	35	85	7	5	2	-	4-6	10	2500	1	*
	Aberdeen ...	991·7	+10	SSE	2	cz_o	39	85	6	8	-	-	9	9	1500	1	1
	Wick ...	991·0	+10	SE	3	c	41	75	8	8	7	-	7-8	9	1500	1	2
16	Lerwick ...	994·7	+18	ESE	2	pr	39	85	7	9	2	-	7-8	10	1500	1	*
17	Blacksod Point	991·3	−4	NNW	6	c/r	44	95	7	9	-	-	9	9	1500	2	4
18	Malin Head ...	986·4	+26	N	1	cjp	43	95	7	9	-	-	9+	9+	1500	1	2
	Aldergrove ...	988·7	+2	ESE	2	c	39	85	8	8	7	-	4-6	7-8	800	1	*
19	Birr Castle ...	990·4	−6	WSW	1	c/pr	41	85	8	8	-	-	7-8	7-8	2500	1	*
20	Valentia Obsy. †	995·5	0	NW'N	5	c	45	65	8	9	-	-	9	9	1500	1	5
	Roches Point	992·6	−4	NNW	4	bc	44	85	9	3	-	1	4-6	4-6	1500	1	3

PAST 24 HOURS.

Weather. 7h.—13h. 27th. (37)	Weather. 13h.—18h. 27th. (38)	Weather. 18h. 27th. to 1h. 28th. (39)	Weather. 1h.—7h. 28th. (40)
bc r bc	bc y	bc m o.	o f x
c_r $o p r_o$	$bc z_y$	$bz b m w x$	$b m_o x$
$c p r_o c$	$c b c y b$	b b f x	b f x b c f
$o r_o r c$	b c c	$c p r_o b c$	b c x
$b c_r b c y$	$b c y b c p r_o b c$	b c b w	b c c m
o r f r_o	$c m_o r_o$	$c i r_o b c$	b x f f
$o l d_o r_o m_o$	$o r_o r_o m_o$	$r_o c m_o$	$c o d_o r f$
$c i r_o c$	$c i r_o c$	b f	f f x
$o r_o c$	$c o_{rr}$	$o r_o r_o$	$o r_o r_o$
$c r_o m_o c$	c b c b	b m	b m f f x
$c r_o r_o$	$b c z_o$	b c m b	b c m f e x
b b c	b c c	c b c	b c c m
$c r_o b c c$	c b c m	b c c m	c f b c
b b c y	b c y c b c	c b c b	b m x c f
b c	b c c	c p r c	c p r c
c b b c p r	$c p r_o p r h$	$c p r h m_o$	$c m_o$
c p r q c	c p r h q	c p r r	r m p r c
$c p_r q_c$	$c p_o b c$	p q p	p p h r q
o i f b c	b c p r c	c p r o m b c	b c c
b c c q p r	c q p r c	c b c w	b c c w
b c p r c	c	c b c	b c b w
b c y.	b c y	b c c m	$c m_o f$
$b p r_o b c$	c c z	c z b f	b b c f f p r
p r c	c	c b c	b c c o r
c b c	$c p r_o$	c b c	b c x m
b c	b c	b c a i r c	c o m
c	c	$c z_b b c$	b c c w
$c m_o r_o c$	c b c c	c w	c w
$c p r o m_o c$	$c m_o$	$c m_y c m_y r_o$	$r r r r r_o r_o m$
$i s_o p r$	i r i r s	$c m_o$	$c m_o b c$
c p r	c p r	c p r c	c o z
i d_o c	c b c j p	c p r $_o$	c
c r r c	$c p r_o$	c b c	b c c p r $_o$
c	c	*	i s c
$b c z_o$	$c p r_o$	$c z_b, c$	p r b w c
c	c	c	c i r $_o$
e p r b c	b c c p r s	c b c c i m $_o$	o r m m $_o$
p r c q	P H R q	P H R q	P H R q
c j p	c p r	c p r j p	b c q p r
$c r_o s_i c$	$c p r b c p r_o c$	$c r_o c$	$c r_o c m_o$
c p r $_o$ c	c p h r	c p r	c p r c x
p r p h r q	p h r q p r c	p h r q b c	p h r b c
c M R c	$c p_o b c$	c i r c	c b c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 $\frac{1}{10}$ of the sky.
"9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

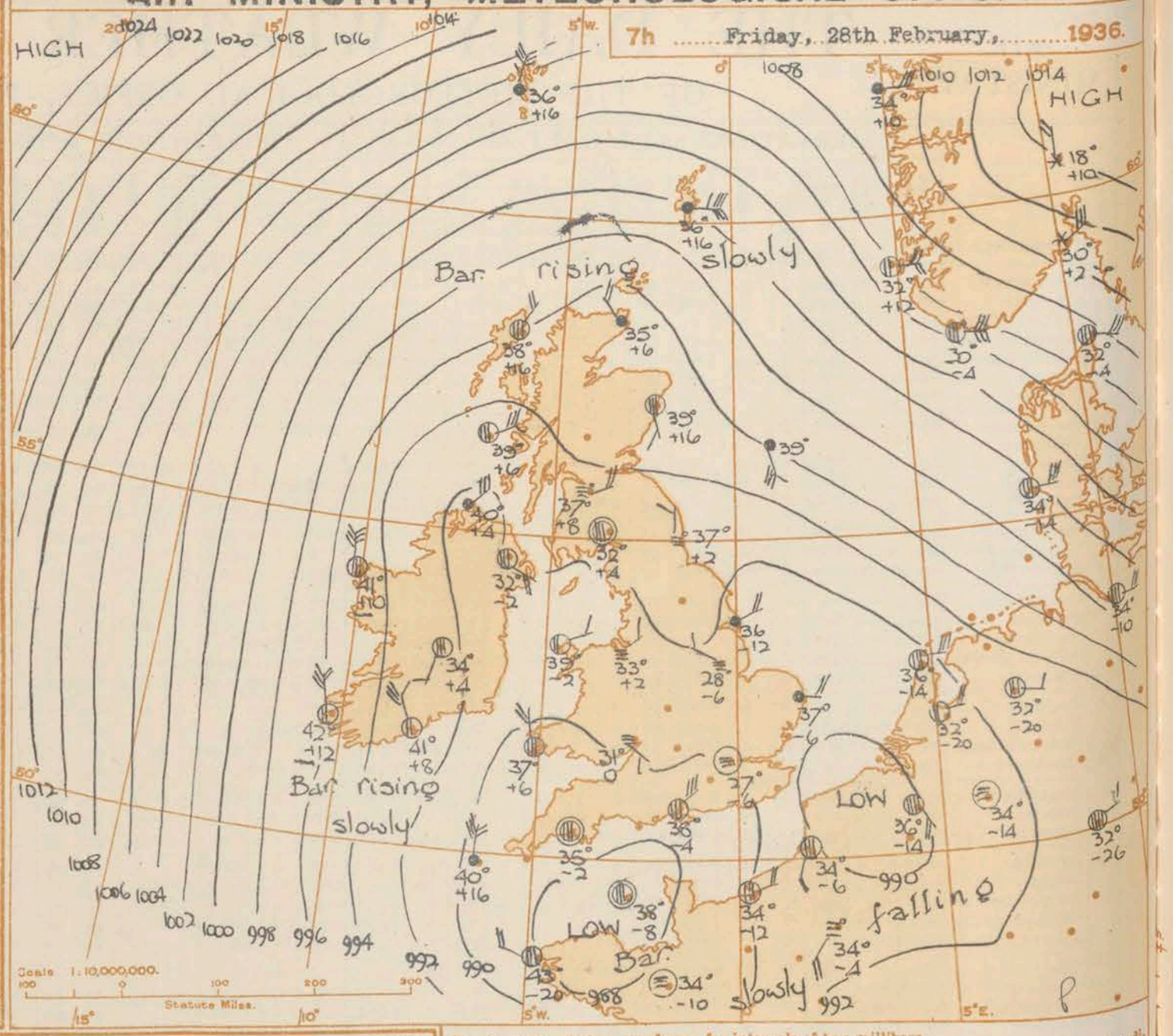
§ Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 27th February 1936.

DISTRICTS.	STATIONS.	WEATHER. Fore-noon.	WEATHER. After-noon.	TEMPERATURE. Min. 9h. 26th to 9h. 27th	TEMPERATURE. Max. 9h.—17h. 27th.	RAINFALL. Night. 17h. 26th to 9h. 27th	RAINFALL. Day. 9h.—17h. 27th.	SUNSHINE. Sunrise to 17h. 27th.	SUNSHINE. Sunrise to Sunset. 26th.
1	Tunbridge W.	co	ocbc	35	44	4	–	1·2	0·1
	Bournemouth	cbb	bbc	34	49	2	–	5·2	1·0
	Ventnor ...	cob	b	36	49	4	–	7·0	0·7
	Southsea ...	cbcb	b	37	48	2	–	6·4	0·3
	Bognor Regis	bcobc	bcbb	37	47	3	–	6·5	1·3
	Littlehampton	cpcbc	bc	36	49	3	0·6	5·9	0·6
	Worthing ...	c	cbcb	36	45	2	–	3·9	1·2
	Brighton ...	bcb	b	37	46	1	–	3·1	1·8
	Eastbourne† ...	cor$_0$o	ocb	41	46	5	0·7	1·4	1·0
	Hastings† ...	orro	ocbc	40	43	3	4	0·0	1·7
	Folkestone ...	oroor	rroor	35	43	2	10	0·0	0·2
	Dover ...	iro	iro	36	43	4	6	0·6	0·4
	Deal	oir	oir	33	43	3	6	0·0	1·4
	Ramsgate ...	cr	rdrdr	34	43	1	6	0·2	1·4
	Margate ...	cr	cr	33	46	0·7	5	0·8	1·5
2	Southend ...	bcco	oc	35	45	3	–	1·3	0·9
	Maldon ...	rcpbc	cbc	38	46	3	Trace	2·3	0·0
	Clacton-on-Sea	orcpc	c	34	44	3	0·4	0·6	1·5
	Dovercourt ...	oc	pbcc	33	44	3	Trace	2·4	0·0
	Lowestoft ...	copr	iro$_0$	33	44	2	3	0·6	2·7
	Skegness' ...	orbc	bcb	35	44	0·3	0·6	4·3	1·2
	Mablethorpe...	or$_0$mcbc	bcm$_0$	36	46	1	Trace	3·7	1·2
	Cleethorpes ...	om$_0$	bc	34	46	1	–	4·3	1·9
3	Loamington S.	c	bcc	35	48	1	–	5·4	0·0
4	Cheltenham†	bbc	bcbbc	36	46	2	–	5·7	0·0
5	Bath	b	bbcc	32	48	2	–	6·5	0·0
	Weymouth ...	b	b	39	49	2	–	7·9	0·8
	Jersey ...	rcbc	pcb	40	48	3	3	5·5	0·2
	Torquay ...	b	bcc	34	49	1	–	6·4	0·0
	Penzance ...	bbpr	bhprb	41	49	2	3	6·9	0·2
	St. Ives ...	c	pr	41	50	3	1	5·4	1·8
	Bude... ...	pbcp	pbipc	38	47	0·7	0·6	5·7	0·0
	Ilfracombe ...	pocbc	cpbcco	38	47	3	0·6	4·4	0·0
6	Aberystwyth	phcbc	prbcc	39	44	1	0·5	5·3	0·0
7	Llandudno ...	cbc	bc	38	45	1	–	4·5	1·0
	Colwyn Bay...	bcbcb	bcbcb	37	47	0·5	–	2·9	1·5
	Rhyl	bcc	bcb	36	47	1	–	4·2	0·2
8	Wallasey ...	cbc	b	36	45	2	–	4·1	0·0
	Southport‖ ...	opco	cbcc	38	45	3	1	3·2	0·0
	Blackpool ...	cp	c	38	43	1	1	1·3	0·0
	Morecambe ...	cbcbc	bcbc	36	44	2	0·5	1·0	0·0
9	Ilkley... ...	bcpbc	bcco	33	42	3	0·4	2·8	0·5
	Harrogate ...	bcc	c	34	42	1	–	2·5	0·1
10	Berwick-on-T.	bc	cRo	33	43	–	4	2·7	1·2
11	Dunbar ...	bc	bcr$_0$	34	44	1	Trace	1·5	2·5
12	Troon... ...	cpcpc	cbcbc	36	43	3	1	1·1	0·7
	Douglas ...	cbc	circb	36	43	2	1	2·2	1·2

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



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 28th February 1936.
1 S.E. England	Light north to northwest or west wind; cloudy or variable sky; occasional slight rain or sleet locally; local morning mist or fog; cold.
2 E. England ...	Light variable wind; cloudy, occasional rain or sleet; snow locally at first; local morning mist or fog; cold.
3 E. Midlands ...	
4 W. Midlands ...	Light or moderate north to northwest wind, fresh locally on coast; cloudy or variable sky, local wintry showers; cold.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Light or moderate east or northeast wind; cloudy, occasional rain or sleet, snow on hills; rather cold.
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.	Light or moderate northeast wind; variable cloud, local wintry showers; rather cold.
14 Mid Scotland	As 8 - 12.
15 N. E. Scotland	
16 Orkneys and Shetlands	Strong east wind; rain or sleet showers; rather cold.
17 N. W. Ireland	Fresh or strong north wind; variable cloud, wintry showers; cold.
18 N. E. Ireland	As 4 - 7.
19 S. E. Ireland	
20 S. W. Ireland	As 17.

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

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

GENERAL INFERENCE.

A depression over the Western English Channel is moving south-south-east. Another depression over Belgium will move north-north-west and a depression over Northern Italy is moving north. Weather will be cold and unsettled with snow locally especially on high ground.

FURTHER OUTLOOK.

Similar. Rather cold for several days.

Forecasts issued at 1010 G.M.T.

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

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

Morning of

FRIDAY,
28th FEBRUARY.

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 28th February, 1936.
No. 27126.

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

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	991·4	-6	-	0	bzo	31	95	6	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	992·0	-10	-	0	bc	35	95	7	5	-	-	2·3	2·3	2500
	Manston ...	142	991·3	-10	-	0	czo	37	95	6	-	2	-7	0	10	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	992·8	-12	ESE	1	rr	39	95	6	6	-	-	10	10	800
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	989·8	-14	SSW	3	c	41	95	7	4	-	-	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	989·3	-8	WNW	2	rr	39	95	8	3	-	-	7-8	7-8	1500
	Scilly (St.Mary's)	163	989·5	-14	NNW	4	bc/pr	43	85	8	3	-	-	4-6	4-6	1500
	Guernsey ..	175	990·4	-22	SW	1	bc/r	40	95	6	5	-	-	4-6	4-6	2500
6	Pembroke ...	142	988·8	-4	ENE	2	bc	37	95	7	5	-	-	2-3	2-3	2500
7	Holyhead ...	26	990·4	+2	ENE	1	bc	39	85	8	5	-	8	2-3	4-6	2500
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	992·4	-2	SSE	1	bc	37	95	7	-	1	-	0	2·3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	992·4	+4	SW	2	c	37	85	5	4	-	-	7-8	7-8	2500
11	Inchkeith ...	190	992·1	+4	W	1	bc	37	95	6	5	-	-	4-6	4-6	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	991·1	+2	SSE	1	c	39	95	8	5	-	-	7-8	7-8	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	993·1	0	NE	3	bc	39	85	8	8	7	-	4-6	4-6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	993·8	+6	E	3	c	41	65	8	8	7	-	7-8	9	1500
16	Lerwick ...	156	993·1	+8	ESE	5	ir	39	95	6	9	2	-	7-8	10	800
17	Blacksod Point	18	995·2	+12	NNW	6	c	43	85	7	9	-	-	7-8	7-8	800
18	Malin Head ...	52	1001·6	+10	N	3	bc/pr	42	85	8	3	-	-	2-3	2-3	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	995·1	+6	N	6	bc/pr	44	95	8	?	-	-	4-6	4-6	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
990·2	-6	-	0	of	33	95	1	-	-	-	10	10	<150	1	*
989·9	-6	-	0	bf	27	95	3	-	-	-	0	0	-	4	*
990·0	-8	-	0	of	26	95	3	-	-	-	10	10	<150	4	*
989·3	-4	ENE	3	bc	32	95	6	5	7	-	2·3	4-6	2500	1	*
989·4	-4	NEE	3	c	38	95	6	5	7	-	4-6	7-8	2500	1	§2
990·1	-8	NNW	2	of	32	95	2	-	-	-	10	10	<150	1	§0
989·2	-6	NNW	2	of	34	95	1	5	-	-	10	10	<150	1	*
990·0	-4	NW	1	of	31	95	1	-	-	-	10	10	<150	1	*
991·0	-6	ESE	2	rr	37	95	6	6	-	-	10	10	1500	1	2
990·4	-10	-	0	of	35	95	1	-	-	-	10	10	<150	1	*
991·9	-6	NNW	1	cf	28	95	2	5	3	-	4-6	7-8	2500	4	*
991·1	-2	NNE	2	ps	35	85	4	5	-	-	9+	9+	2500	1	*
990·3	-6	NEN	1	bcf	31	95	3	5	3	-	2·3	2·3	4000	1	*
990·8	0	SE	1	cf	31	95	3	5	-	-	9+	10	4000	1	*
987·4	-8	NEE	4	c	38	95	7	4	-	-	10	10	2500	1	3
988·5	-2	-	0	c	35	95	8	5	-	-	9+	9+	2500	1	1
988·3	0	NNW	3	c	37	95	8	8	7	-	4-6	7-8	2500	1	2
988·6	+16	NNE	5	pr	40	95	7	3	-	-	7-8	7-8	1500	1	3
987·9	-8	-	0	c	38	95	8	8	7	1	4-6	7-8	2500	1	3
989·6	+6	NNE	3	c	37	95	7	5	4	-	4-6	7-8	2500	1	2
990·6	-2	NEE	1	bc	39	95	8	8	3	-	2·3	4-6	4000	1	1
991·2	+2	NE	1	cf	33	95	3	5	-	-	9	9	2500	1	*
991·4	0	ENE	2	cf	36	85	3	5	-	-	7-8	7-8	4000	1	*
990·4	-12	ENE	2	rr	36	95	7	5	-	-	10	10	1500	1	1
992·8	0	NNW	2	bczo	30	95	5	-	7	-	0	4-6	-	1	*
992·7	+2	N	1	om	37	95	4	5	-	-	10	10	1500	1	1
993·6	+6	SE	2	c	37	95	8	5	-	-	9+	9+	2500	1	1
994·4	+12	E	1	c	37	95	7	5	2	-	7-8	9+	450	1	*
993·5	+8	ENE	2	cm	37	95	4	5	-	-	9+	9+	2500	1	*
993·6	+4	-	0	c	32	95	7	5	-	-	7-8	7-8	450	1	*
991·5	0	SE	2	bczo	37	95	6	5	5	-	2·3	4-6	1500	1	1
992·9	+6	NEE	4	c	39	95	8	5	-	-	7-8	7-8	2500	0	3
996·4	+16	NE	2	c	38	85	8	8	7	-	4-6	7-8	1500	1	1
995·3	+10	NE	2	c	32	95	7	4	6	-	4-6	9+	2500	7	*
995·9	+16	SE	1	czo	39	85	5	8	-	6	2·3	9	2500	1	1
995·6	+6	NW	2	ir	36	95	7	8	7	-	7-8	10	1500	1	*
1000·8	+16	E	7	rr	36	95	5	6	-	-	10	10	800	2	*
995·6	+10	N	6	cq	41	85	7	9	-	-	7-8	7-8	800	1	4
991·6	+4	NE	3	pr	40	95	7	8	-	-	9+	9+	1500	1	2
992·4	-2	SE	1	czo	32	95	5	5	-	-	9+	9+	1500	1	*
993·9	+4	SSW	1	c	34	95	7	5	-	-	9+	9+	2500	1	*
996·4	+12	NW	5	bc/ph	42	85	8	9	-	-	4-6	4-6	1500	1	4
993·3	+8	N	4	bc	41	85	8	8	-	3	4-6	4-6	1500	1	3

PAST 24 HOURS.

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

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day mm.	Rainfall. Night mm.	Sunshine to Sunset hrs. Yesterday.	Humidity. 18h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility 9h. To-day.
Kew	18	barbc	bcy	bcf	46	32	20	0·5	Tr	4·5	*	*	0
Croydon	217	crpr	bcz9	bmx	48	27	22	-	-	5·2	*	*	1
Greenwich (Royal Observatory)...	149	cr	cm	bxFe	45	29	25	Tr	Tr	0·9	71	99	1
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	1·6	*		*
Westminster (St. James' Park) ...	27	*	*	*	48	31	29			2·3	48	*	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	46	31	27	-	1	2·2	65	*	*
Camden Square	110	ccrc	cbc	*	47	30	25	1	*	*	*	99	*
Kensington	80	cof	bcp	*	47	30	22	-	1	2·3	97 At 18h.	62	*
Hampstead Observatory	450	orm	bc	bcofx	45	29	20	1	1	2·9	*	91	*

FOREIGN OBSERVATIONS.

18h. G.M.T. 27th February

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	996·7	S	2	rs	34
Brussels	996·7	SSE	4	o	37
Berlin	1008·6	ESE	3	bczo	37
Zurich	1003·4	NE	2	czo	43
Rome	999·9	W	2	bc	50

7h. G.M.T. 28th February

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
991·3	SW	2	cm	34
989·9	SE	2	o	36
999·3	E	3	czo	36
994·7	E	1	om	36
987·1	SE	9	o	54

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
39	34	6	6
41	36	0·3	0·1
41	32	-	-
50	36	-	-
*	*	11	26

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 28th

South Kensington. Max.	Time.	Min.	Time.
2·6	22-23h 27th	0·3	10-11h 27th

Kew Observatory. Max.	Time.	Min.	Time.
2·0	3h 28th	<0·1	7h 27th

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 29th February, 1936.

No. 27127.

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

Dist.	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direct. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	%Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	988·8	−6	NNE	2	bc	39	75	6	1	-	1	4·6	4·6	2500
	Croydon ...	988·7	−10	-	0	o$_f$	34	95	1	5	-	-	10	10	<150
	S. Farnborough	?	−10	-	0	bc	42	75	5	1	-	-	4·6	4·6	4000
	Boscombe Down	988·9	−2	NNE	2	bcz$_o$	43	55	6	8	7	-	4·6	4·6	2500
	Calshot (Sthmtn.)	988·9	−2	SE'S	1	cz$_o$	45	75	6	8	3	2	Tr	7·8	2500
	Lympne ...	988·5	−8	NNW	2	cz$_o$	40	85	5	5	-	-	7·8	7·8	2500
	Manston ...	988·0	−6	W	2	r$_o$r$_o$	37	95	6	5	-	-	10	10	450
2	Shoeburyness ...	988·5	−6	NW	2	c	38	95	6	5	1	-	9	10	1500
	Felixstowe ...														
	Gorleston ...	989·0	−16	E'N	2	r$_o$r$_o$	36	95	6	6	-	-	10	10	1500
	Mildenhall ...	988·7	−10	NW	1	s$_o$s$_o$	36	95	4	5	-	-	10	10	800
	Cranwell ...	990·1	−6	NW'N	2	dfz	33	85	2	-	2	-	10	10	450
3	Birmingham ...	990·3	−6	NNE	3	c$\overline{jp}$	40	75	5	6	-	-	7·8	7·8	1500
	Upper Heyford	989·5	−2	NNW	3	cm	40	75	4	5	7	8	4·6	7·8	1500
4	Ross-on-Wye	989·6	0	W'N	2	bcz$_o$	43	65	6	2	4	-	4·6	4·6	4000
5	Portland Bill ...	988·4	+6	NE	4	rr	37	95	7	5	-	-	10	10	1500
	Plymouth ...	988·9	0	N'E	3	c	44	75	8	2	3	1	7·8	9+	1500
	The Lizard ...	990·1	+2	NNW	4	c	41	95	7	8	6	-	4·6	7·8	2500
	Scilly (St. Mary's)	991·4	0	N'W	6	c$_f$	42	85	8	8	6	-	7·8	9	1500
	Guernsey ..	987·5	−2	SE	1	bc	42	85	7	5	2	-	4·6	4·6	2500
6	Pembroke ...	989·4	−4	NNW	2	bc	43	75	8	8	-	-	4·6	4·6	2500
7	Holyhead ...	990·5	−2	ENE	3	bcu	45	65	6	8	-	-	4·6	4·6	4000
	Chester (Sealand)	990·8	−4	E'NE	2	cm	44	55	4	8	-	-	7·8	7·8	4000
8	Manchester ...	990·6	−8	NNE	4	pr$_o$	40	75	6	9	-	-	10	10	1500
10	Spurn Head ...	989·6	−4	E'N	4	rr	35	95	6	6	-	-	10	10	1500
	Catterick ...	991·7	−6	N'E	2	r$_o$r$_o$	35	95	5	6	2	-	9+	10	800
	Tynemouth ...	992·5	+4	ESE	5	ir	38	95	6	6	-	-	10	10	1500
11	Inchkeith ...	995·1	+8	NE	4	r$_o$r$_o$	38	95	7	9	-	-	10	10	1500
	Leuchars ...	996·5	+6	ENE	3	r$_o$r$_o$	39	95	6	6	-	-	10	10	800
12	Rentrew (Abbotsl.)	995·4	+6	NE'N	5	cz$_o$	42	75	5	8	8	-	7·8	9+	2500
	Eskdalemuir ...	993·7	0	NE	4	ir	36	95	6	6	2	-	7·8	10	450
	Point of Ayre...	992·8	+4	ENE	5	bc	42	86	7	-	4	-	0	2·3	-
13A	Tiree	997·4	+20	NNE	4	c	43	75	8	2	-	6	Tr	9	2500
13B	Stornoway ...	999·5	+16	ESE	2	c	43	75	8	8	7	8	4·6	7·8	1500
15	Dalwhinnie ...	998·9	+16	NE	3	c	36	75	7	4	2	2	2·3	10	2500
	Aberdeen ...	998·9	+14	ESE	4	r$_o$r$_o$	39	95	6	9	2	-	9	10	800
	Wick ...	1000·8	+22	ESE	4	c/pr	42	85	8	8	7	-	7·8	9+	1500
16	Lerwick ...	1006·0	+28	E	6	c/r	37	95	7	6	2	-	7·8	10	800
17	Blacksod Point	996·0	+6	N	6	q	41	85	7	9	-	-	7·8	7·8	800
18	Malin Head ...	995·0	+24	NNE	3	pr$_o$	41	95	7	8	-	-	9+	9+	1500
	Aldergrove ...	993·5	+10	NE	3	cz$_o$	41	85	6	8	3	-	4·6	9	1500
19	Birr Castle ...	992·6	−6	N	1	c/pr	40	95	8	6	1	-	7·8	10	2500
20	Valentia Obsy. †	995·8	−12	NW	5	pr$_o$	42	85	8	6	2	-	7·8	10	1500
	Roches Point	992·0	−16	N	4	c/pr	45	75	8	3	6	3	4·6	7·8	1500

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

Dist.	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direct. (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)	987·9	−4	NNW	1	c	39	85	6	5	-	-	9	9	2500	1	*
	Croydon ...	987·6	+2	NW'N	2	cm	38	75	4	5	3	-	9	9+	2500	1	*
	S. Farnborough	987·6	+2	-	0	f$_g$	36	85	6	5	-	1	1	2·3	4000	1	*
	Boscombe Down	988·0	+2	N	1	bcz$_o$	38	75	6	5	3	1	1	2·3	4000	1	*
	Calshot (Sthmtn.)	988·1	0	N'E	1	bz$_o$	42	65	6	5	-	-	Tr	Tr	4000	1	1
	Lympne ...	988·2	+6	NW'W	1	cz$_o$	35	85	6	5	3	-	4·6	7·8	1500	1	§ 0
	Manston ...	987·7	+2	NW	2	cz$_o$	38	85	5	5	2	-	4·6	9	1500	1	*
2	Shoeburyness ...	987·7	0	WNW	1	c	37	95	5	5	2	-	7·8	10	800	1	*
	Felixstowe ...																
	Gorleston ...	987·5	−2	-	0	ir$_o$	38	95	6	6	-	-	10	10	1500	1	2
	Mildenhall ...	987·7	−4	-	0	is$_o$	34	95	3	5	-	-	10	10	800	1	*
	Cranwell ...	988·8	−6	N'E	2	sf	33	95	3	-	2	-	10	10	220	6	*
3	Birmingham ...	988·7	−4	N	3	pr$_o$	37	85	5	6	-	-	9+	9+	800	1	*
	Upper Heyford	987·9	−2	NNW	3	ir$_o$	38	95	4	5	-	-	10	10	800	1	*
4	Ross-on-Wye	988·6	−4	NW'N	2	cz$_o$	39	75	5	5	-	-	7·8	7·8	2500	1	*
5	Portland Bill ...	987·9	−6	N	3	o	40	95	6	5	-	-	10	10	1500	2	3
	Plymouth ...	988·6	+4	W'S	3	c$\overline{jp}$	40	85	7	9	6	3	4·6	7·8	1500	1	1
	The Lizard ...	989·2	−2	NW'N	3	bc	38	95	8	8	-	-	4·6	4·6	2500	1	2
	Scilly (St. Mary's)	990·0	−4	NW'W	3	c	42	85	8	3	7	-	7·8	9	1500	1	2
	Guernsey ..	987·0	+4	NE	1	c	42	85	8	5	1	-	7·8	7·8	2500	1	1
6	Pembroke ...	988·3	−2	N'E	3	bc	38	85	8	5	7	-	2·3	4·6	4000	1	2
7	Holyhead ...	989·0	−2	N'E	4	c$\overline{pr}$	41	85	7	9	-	3	7·8	9+	1500	1	3
	Chester (Sealand)	988·4	−4	N	3	r$_o$r$_o$	38	95	4	-	2	-	10	10	1500	1	*
8	Manchester ...	989·3	−2	NE	3	r$_o$r$_o$	36	85	5	6	2	-	4·6	10	1500	1	*
10	Spurn Head ...	987·9	−10	E	4	RR	37	95	6	6	-	-	10	10	1500	2	3
	Catterick ...	990·5	−2	NE'N	3	c/r	36	95	5	6	2	-	9	10	800	6	*
	Tynemouth ...	992·1	−6	ENE	5	r$_o$r$_o$	40	95	6	6	-	-	10	10	1500	1	3
11	Inchkeith ...	995·1	0	NE	6	r$_o$r$_o$	37	95	7	6	-	-	10	10	1500	1	4
	Leuchars ...	997·3	+4	NE	3	r$_o$r$_o$	38	95	6	6	2	-	7·8	10	800	1	*
12	Rentrew (Abbotsl.)	996·7	+10	NE'N	3	r$_o$r$_o$	38	85	6	6	2	-	9	10	1500	1	*
	Eskdalemuir ...	998·3	0	NE'N	5	rs	35	95	5	-	2	-	10	10	450	1	*
	Point of Ayre...	992·3	−2	ENE	6	rr	38	95	7	6	-	-	10	10	800	1	3
13A	Tiree	999·0	+12	NNE	4	c	43	75	7	5	1	8	2·3	9+	2500	0	4
13B	Stornoway ...	1002·9	+14	ENE	3	c/pr	41	85	8	8	7	-	4·6	7·8	1500	1	2
15	Dalwhinnie ...	999·7	+8	NE	4	c	33	95	7	4	6	-	4·6	9	2500	1	*
	Aberdeen ...	1000·0	+6	ENE	5	r$_o$r$_o$	40	95	6	6	2	-	7·8	10	800	1	3
	Wick ...	1003·0	+10	ENE	5	c/r	40	75	7	6	2	-	7·8	10	1500	1	4
16	Lerwick ...	1008·5	+12	ENE	4	c	37	75	8	8	7	-	4·6	9	1500	1	*
17	Blacksod Point	998·5	+24	N'E	5	bcq	42	75	8	9	-	-	4·6	4·6	1500	1	4
18	Malin Head ...	997·6	+6	NNE	4	c/p	43	95	7	8	-	-	7·8	9+	1500	0	4
	Aldergrove ...	997·7	+10	NNE	4	r$_o$r$_o$	38	85	6	6	2	-	9	10	800	1	*
19	Birr Castle ...	993·7	+12	N	1	c/pr	37	95	7	6	1	-	7·8	10	2500	1	*
20	Valentia Obsy. †	995·4	+10	N'E	5	bc	43	65	8	3	7	-	4·6	4·6	1500	1	3
	Roches Point	992·5	+14	NNE	4	c/pr	38	95	8	6	-	-	7·8	7·8	1500	1	3

PAST 24 HOURS.

Dist.	Stations.	Weather. 7h.–13h. 28th. (37)	Weather. 13h.–18h. 28th. (38)	Weather. 18h. 28th to 1h. 29th. (39)	Weather. 1h.–7h. 29th. (40)
1	London (Kew)	o F e bc	bcz cz$_o$	cm$_o$	cm$_o$
	Croydon ...	b$_o$ F x	obc f m$_o$	bc$_o$ czf w x m	cm f d m x
	S. Farnborough	o F b f	cm$_o$ bc b m$_o$	b f o f.	o f x
	Boscombe Down	b c x m$_o$	cbc b m$_o$	b b c m$_o$	b c m$_o$ c m
	Calshot (Sthmtn.)	c b c m$_o$	b c m b y z$_o$	b m$_o$ b c	t f f x
	Lympne ...	f c b c m$_o$	b c m$_o$	b c m$_o$ x	b m$_o$ f x
	Manston ...	o f f s$_o$ r$_o$ r$_o$	o r$_o$ r$_o$ c m$_o$	c b c m$_o$	c m$_o$ o c
2	Shoeburyness ...	f c m$_o$	c m$_o$	c b c m$_o$	b c b x
	Felixstowe ...				
	Gorleston ...	o r$_o$ r$_o$	o r s$_o$ r$_o$	c o	o r$_o$ d$_o$
	Mildenhall ...	o F F d m	o m s$_o$ s$_o$ †	d h$_o$ F F	O F F
	Cranwell ...	f e F x s s f s	o f s s	o f r$_o$ s$_o$	o P R s m r s
3	Birmingham ...	b c	b c c p r$_o$	r s r s	r s r s
	Upper Heyford	b c f b b c	b c$_2$ o c	c r$_o$ m r	c h F e
4	Ross-on-Wye	c f c m	b c c b z b c	c z o m	o m r$_o$
5	Portland Bill ...	o r p s	o r r z$_o$	o b c	b c c
	Plymouth ...	c m$_o$ c	c y p r$_o$	c b c c m$_o$	c m$_o$ x
	The Lizard ...	c p r	c b c	b c b c	b c p r$_o$
	Scilly (St. Mary's)	c p h r q	c b c c	r r c p q	p r$_o$ p q
	Guernsey ..	c r b c	b c c	c i r$_o$ b c	b c o r
6	Pembroke ...	c p r$_o$ b c	c b c	c m$_o$ i r c	c q p r$_o$
7	Holyhead ...	b c m$_o$ z$_o$	b c$_2$ o p r$_o$	r$_o$ r$_o$ c	r$_o$ r$_o$ c
	Chester (Sealand)	c p r$_o$ f f	r$_o$ r$_o$	o r$_o$ r$_o$	o r r
8	Manchester ...	c b f p r$_o$	r$_o$ r$_o$	c r$_o$ r$_o$	c i r$_o$
10	Spurn Head ...	o r r	o r r	r p r o	o p r
	Catterick ...	f r$_o$ s$_o$	o m s$_o$ s r$_o$ r$_o$	a m$_o$ r$_o$	a m r r
	Tynemouth ...	o m i r	o r r q	o r$_o$ r$_o$ c	o r r q
11	Inchkeith ...	c z$_o$ r$_o$ r$_o$	c r$_o$ r$_o$	r$_o$ r$_o$ i r o	o i r$_o$
	Leuchars ...	c m p h$_o$ r$_o$	o r m$_o$ r$_o$ r$_o$	o r g r$_o$ r$_o$	c i r$_o$ m c
12	Rentrew (Abbotsl.)	c m p r 3	c r o r$_o$ m$_o$	c m$_o$ r$_o$ r$_o$	c r$_o$ r$_o$
	Eskdalemuir ...	b c c i r	c r s r s	o r g r$_o$ r s	c r s r o s
	Point of Ayre...	p h$_o$ b c	b c i r$_o$	r r o o	o
13A	Tiree	c	c	c	c
13B	Stornoway ...	c	c p r$_o$	c	c p h r
15	Dalwhinnie ...	c	i r o c	*	i s o c
	Aberdeen ...	c r r$_o$	c r o r	c a i r$_o$	o m c
	Wick ...	i r$_o$ p r	c r$_o$ r	c r r p r	c p r s c
	Lerwick ...	o r r c i r	c p h r	c p r$_o$	c
17	Blacksod Point	P R c q	P R c q	b c	i r
18	Malin Head ...	c p r	c p r	c p r	f -
	Aldergrove ...	c f b b c c f s h	c P H R q r$_o$	r$_o$ c r r$_o$	c i r$_o$ r c
19	Birr Castle ...	c p r	c p r	c p r b c	b c
20	Valentia Obsy. †	p h r p r$_o$	p h r p r$_o$ b c	b c p r$_o$ b c	b c c
	Roches Point	c p h r c	p r P f l c	c b c	b c p c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) 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 1/10 of the sky. "9" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

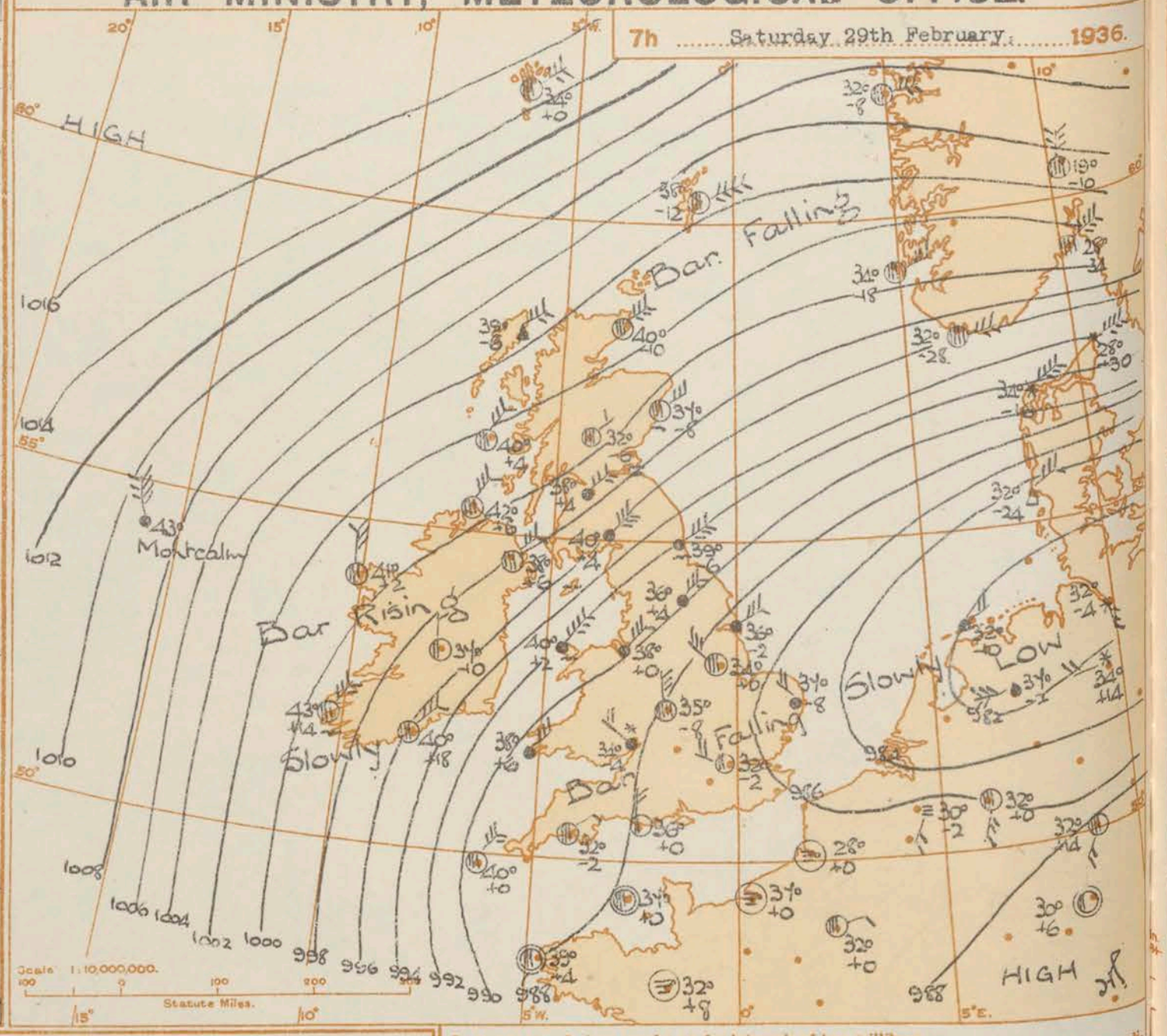
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 28th February 1936.

District	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 27th to 9h. 28th.	Temperature. Max. 9h.—17h. 28th.	Rainfall. Night. 17h. 27th to 9h. 28th.	Rainfall. Day. 9h.—17h. 28th.	Sunshine. Sunrise to 17h. 28th.	Sunshine. Sunrise to Sunset. 27th.
1	Tunbridge W.	qfbcb	bcbm	23	42	–	–	4·5	1·2
	Bournemouth	o	oco	35	45	3	–	0·3	5·2
	Ventnor ...	rbco	cz	36	46	3	–	1·9	7·0
	Southsea ...	bbc	bcc	35	47	3	–	6·1	6·4
	Bognor Regis	b	bbc	33	45	–	–	5·7	6·5
	Littlehampton	bc	bc	31	47	–	–	5·9	5·9
	Worthing ...	b	bbc	30	46	–	–	7·1	4·1
	Brighton ...	b	b	31	45	–	–	7·8	3·1
	Eastbourne† ...	bbc	bccm	29	46	–	–	8·1	1·4
	Hastings† ...	b	bbcc	33	46	–	–	8·1	0·0
	Folkestone ...	bc	bcc	32	43	2	–	7·2	0·0
	Dover ...	c	cbc	33	42	1	–	4·8	0·0
	Deal	fo	ococ	33	40	1	–	0·1	0·0
	Ramsgate ...	ord	dc	35	40	0·3	0·6	0·1	0·2
	Margate ...	cd	cd	34	38	1	1	0·0	0·8
2	Southend ...	bfcmo	oc	30	38	Trace	–	0·9	1·3
	Maldon ...	xo	o	29	38	–	–	0·0	2·3
	Clacton-on-Sea	omirs	omirs	33	36	Trace	3	0·0	0·6
	Dovercourt ...	oc	oc	33	38	2	5	0·0	2·4
	Lowestoft ...	coir	proc	36	43	8	5	0·0	0·6
	Skegness ...	orsrs	orss	34	37	1	5	0·6	4·3
	Mablethorpe...	orgrs	os	30	38	2	6	0·0	3·7
	Cleethorpes ...	ore	oirrs	30	38	2	8	0·0	4·3
3	Leamington S.	bcm	lou	32	41	–	–	4·6	5·4
	Cheltenham†	mbc	bccm	32	45	Trace	–	3·3	5·9
5	Bath	bbcc	cp bc	32	46	0·3	Trace	3·3	6·5
	Weymouth ...	rsr	rcc	35	41	10	7	0·0	7·9
	Jersey ...	pcbc	cbc	40	46	0·6	–	2·7	5·7
	Torquay ...	owpc	bc c	35	45	0·1	0·6	2·8	6·4
	Penzance ...	pcbc	bbcbc	38	47	7	–	4·0	6·9
	St. Ives ...	pr	c	39	45	4	Trace	3·2	5·4
	Bude... ...	bc	bc	34	44	3	–	7·8	5·7
	Ilfracombe ...	opco	bccpo	37	46	3	1	3·8	4·4
6	Aberystwyth	cbc	co	37	43	–	–	2·9	5·3
7	Llandudno ...	xbbc	cbcc	31	43	–	–	5·6	4·5
	Colwyn Bay...	bcbcb	bccoo	31	42	–	–	5·4	2·3
	Rhyl	bcom	bcom	32	42	–	–	1·5	4·2
8	Wallasey ...	fcbc	bccr	33	44	Trace	Trace	2·9	4·1
	Southport‖ ...	cfcc	cor	31	45	Trace	0·5	4·	3·2
	Blackpool ...	cbc	circ	31	43	0·6	0·6	3·6	1·3
	Morecambe ...	cbbc	cirro	34	42	–	3	3·3	1·0
9	Ilkley... ...	ccoro	ogrso	28	38	–	3	0·0	2·8
	Harrogate ...	coss	ofss	29	34	–	6	0·0	2·5
10	Berwick-on-T.	oR	oR	34	40	3	4	0·0	2·7
11	Dunbar ...	cfo	crr	36	41	–	4	0·0	1·5
12	Troon... ...	cbcbc	coror	34	44	1	1	2·2	1·1
	Douglas ...	cbmo	circ	35	43	0·13	0·5	2·2	2·2

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



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 29th February, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light or moderate northwest wind; cloudy or dull, occasional rain or sleet, mainly slight; rather cold.
5 S.W. England 6 South Wales ...	Light or moderate north or northwest wind, fresh locally on coast; cloudy, occasional rain or sleet, mainly slight; 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.	▲ ▲ Fresh or strong northeast to north wind, gale locally on coast; cloudy or dull, rain or sleet at times; snow locally on hills; rather ▲cold.
13 { A. W. Scotld. B.N.W.Scotland.	Moderate to strong northeast wind; mainly cloudy, local wintry showers; rather cold.
14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	▲ As 7 - 12. ▲
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Moderate or fresh northerly wind; mainly cloudy, local wintry showers; rather cold. ▲

P.W. Stationery Office Press, Kingsway, W.C.2.

GENERAL INFERENCE.

A deep depression centred near Hamburg will move slowly northwest to west. Weather will be cloudy or dull with occasional rain or sleet in most districts.

FURTHER OUTLOOK.

Similar. Rather cold for some days.

Time of issue of Gale Warning.

▲ North Cone hoisted at 0845 on 29th in districts 16, 11, 7, 8, 15 and 19.

Forecasts issued at 1000 G.M.T.

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

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

Morning of

SATURDAY,
29th FEBRUARY.

1936.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ - Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 29th February 1936.

No. 27127.

OBSERVATIONS at 1 hr. G.M.T. 29th February

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	987.5	+2	-	0	om	33	95	4	5	-	-	10	10	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	988.2	-2	NNW	2	bcz.	32	85	6	5	-	-	2-3	2-3	2500
	Manston ...	142	987.4	0	W	1	cz.	35	95	6	5	-	-	9	9	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	986.9	-6	[illegible]	0	0	37	95	5	5	-	-	10	10	1500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	987.6	-4	N	3	bc	39	95	7	4	-	-	2-3	2-3	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	989.4	0	NW	3	bc	36	95	8	4	6	-	2-3	2-3	2500
	Scilly (St. Mary's)	163	989.7	+6	NNE	5	c/p	41	75	8	3	1	-	7-8	7-8	1500
	Guernsey ..	175	987.7	+4	-	0	bc	40	85	6	5	-	-	4-6	4-6	2500
6	Pembroke ...	142	988.1	-4	NNE	2	c	37	95	7	8	-	-	10	10	1500
7	Holyhead ...	26	990.3	+4	NNE	7	r.r.	41	85	7	6	2	-	4-6	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	987.9	0	ENE	4	o.	38	95	6	5	-	-	10	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	992.7	-6	ENE	5	o	39	85	6	6	-	-	10	10	1500
11	Inchkeith ...	100	996.1	+2	NE	7	o	38	95	8	5	-	-	10	10	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	994.4	+14	ENE	6	o	41	85	8	6	-	-	10	10	800
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1005.3	+6	ENE	5	c	39	85	7	5	7	-	4-6	7-8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1004.9	-2	ENE	6	c/pr	40	75	7	8	2	-	7-8	10	1500
16	Lerwick ...	156	1007.1	-10	ENE	6	c/pr	39	65	8	8	7	-	7-8	9+	1500
17	Blacksod Point	18	1000.5	+10	N	5	bc	42	85	8	2	-	-	2-3	2-3	1500
18	Malin Head ...	52	999.0	+20	NNE	4	rr	41	95	7	6	2	-	7-8	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	999.0	+6	NWN	5	bc	43	95	8	8	-	-	2-3	2-3	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 29th February

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)	986.8	-4	NW	2	cz.	34	75	6	-	2	-	0	10	-	1	*
	Croydon ...	986.8	-2	WNW	2	bc/f	32	95	5	5	3	-	2-3	2-3	4000	1	*
	S. Farnborough	987.2	-2	WNW	2	o[illegible]	33	95	3	5	-	-	10	10	1500	4	*
	Boscombe Down	987.6	-2	NWN	2	cm	32	95	4	5	2	-	4-6	10	2500	4	*
	Calshot (Sthmtn.)	987.9	-2	WNW	1	bf	31	95	3	-	-	-	0	0	-	4	§0
	Lympne ...	987.2	-2	WSW	2	bf	30	95	1	-	-	-	0	0	-	5	§0
	Manston ...	985.9	-6	WNW	2	bcm	33	95	4	5	-	-	4-6	4-6	2500	1	*
2	Shoeburyness ...	986.5	-8	W	2	bc	33	95	5	5	-	-	2-3	2-3	2500	1	*
	Felixstowe ...																
	Gorleston ...	984.8	-8	NW	2	d.d.	37	95	5	6	-	-	10	10	1500	1	2
	Mildenhall ...	985.5	-10	NWW	2	of	35	95	1	-	-	-	10	10	<150	1	*
	Cranwell ...	987.6	0	NNW	3	c/rs	34	95	6	6	2	-	10	10	800	1	*
3	Birmingham ...	988.4	-8	N	3	o	35	95	6	6	-	-	10	10	800	1	*
	Upper Heyford	987.1	-4	NW	2	of	40	95	2	-	-	-	10	10	<150	1	*
4	Ross-on-Wye	988.4	-4	NW	2	rs	34	95	4	5	-	-	10	10	450	1	*
5	Portland Bill ...	987.6	0	N	2	c	36	95	6	5	-	-	7-8	7-8	1500	1	2
	Plymouth ...	988.7	-2	ENE	1	cz.	32	95	5	5	7	-	4-6	7-8	4000	4	1
	The Lizard ...	988.3	-2	NW	3	pr.	37	95	8	8	2	-	9	10	2500	1	2
	Scilly (St. Mary's)	988.8	0	NNE	5	c/pr	40	95	7	9	6	-	7-8	9	1500	1	3
	Guernsey ..	988.1	0	-	0	c	37	95	6	8	1	-	4-6	7-8	2500	1	2
6	Pembroke ...	988.8	+6	NEN	3	pr.	38	95	7	5	2	-	2-3	9+	1500	1	2
7	Holyhead ...	991.4	+2	NE	7	r.r.	40	95	7	6	2	-	7-8	10	1500	1	4
	Chester (Sealand)	990.0	0	NE	4	r.s.	38	95	6	6	2	-	4-6	10	2500	1	*
8	Manchester ...	989.4	+2	NE	4	c/r	36	85	6	6	2	-	2-3	10	800	1	*
10	Spurn Head ...	987.2	-2	ENE	4	pr.	36	85	7	5	2	-	4-6	10	1500	1	3
	Catterick ...	990.7	+4	NEN	5	r.r.	36	95	6	6	2	-	7-8	10	220	1	*
	Tynemouth ...	991.5	-6	NE	6	ir.	39	95	6	6	-	-	10	10	1500	1	4
11	Inchkeith ...	996.6	0	NE	7	ir.	37	85	7	9	-	-	10	10	1500	1	5
	Leuchars ...	998.6	0	NNE	4	c/r	37	85	7	5	-	-	10	10	800	1	*
12	Renfrew (Abbotsl.)	999.0	+4	NE	5	r.r.	38	75	7	5	-	-	10	10	1500	1	*
	Eskdalemuir ...	995.5	-4	NEN	6	rs	33	95	5	6	2	-	7-8	10	450	6	*
	Point of Ayre ...	994.7	+4	NEE	6	pr.	40	85	8	5	-	-	10	10	800	1	4
13A	Tiree	1001.7	+4	NNE	4	c	40	75	7	8	-	-	7-8	7-8	2500	0	3
13B	Stornoway ...	1005.0	-6	NE	5	phr	39	75	7	8	7	-	4-6	7-8	1500	1	2
15	Dalwhinnie ...	1001.6	-6	NE	1	o	32	95	7	5	-	-	10	10	2500	6	*
	Aberdeen ...	999.8	-8	NEN	3	c	37	75	8	1	2	-	2-3	10	1500	1	3
	Wick ...	1002.4	-10	NE	6	c	40	75	8	9	2	-	7-8	10	1500	1	4
16	Lerwick ...	1004.2	-12	ENE	8	c	38	75	8	8	2	-	7-8	10	1500	1	*
17	Blacksod Point	1001.1	+2	N	4	c	41	95	7	5	-	-	9	9	800	1	3
18	Malin Head ...	1000.5	+6	NNE	4	c	42	85	8	5	-	8	4-6	10	2500	5	3
	Aldergrove ...	998.1	+6	NNE	4	c	38	85	7	6	2	-	9+	10	800	1	*
19	Birr Castle ...	997.2	+10	N	1	bc	37	95	8	5	-	-	4-6	4-6	2500	1	*
20	Valentia Obsy. †	999.9	+14	NE	5	c	43	65	8	8	-	-	7-8	7-8	1500	1	4
	Roches Point	995.8	+18	NNE	4	c/pr	40	85	8	6	-	-	9	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 Hrs. (36)
1	London (Kew)	41	34	23	Tr	-	2.6
	Croydon ...	41	31	27	Tr	Tr	0.9
	S. Farnborough	44	27	22	-	Tr	2.6
	Boscombe Down	43	29	23	-	-	5.2
	Calshot (Sthmtn.)	46	30	24	Tr	-	5.7
	Lympne ...	40	29	19	0.1	-	5.8
	Manston ...	38	32	20	1	-	0.0
2	Shoeburyness ...	39	31	21	-	-	0.3
	Felixstowe ...						
	Gorleston ...	38	36	35	8	0.3	0.0
	Mildenhall ...	36	33	33	3	0.2	0.0
	Cranwell ...	34	32	32	3	3	0.0
3	Birmingham ...	42	32	32	Tr	2	4.0
	Upper Heyford	43	32	32	-	Tr.	*
4	Ross-on-Wye	44	34	27	-	0.5	2.6
5	Portland Bill ...	41	35	*	13	-	*
	Plymouth ...	46	32	26	0.2	-	2.3
	The Lizard ...	46	35	*	0.5	0.5	*
	Scilly (St. Mary's)	45	36	*	1	10	4.7
	Guernsey ..	45	36	28	1	1	2.5
6	Pembroke ...	45	36	*	Tr	2	5.2
7	Holyhead ...	46	40	39	0.1	5	8.1
	Chester (Sealand)	46	33	32	0.5	7	2.3
8	Manchester ...	42	35	34	1	2	2.5
10	Spurn Head ...	38	35	*	11	4	0.0
	Catterick ...	36	34	32	7	8	0.0
	Tynemouth ...	40	37	36	5	3	0.0
11	Inchkeith ...	42	36	35	3	3	0.0
	Leuchars ...	43	36	34	5	2	0.1
12	Renfrew (Abbotsl.)	43	37	34	0.5	r	1.6
	Eskdalemuir ...	39	33	32	2	7	1.2
	Point of Ayre ...	43	37	*	0.4	3	2.6
13A	Tiree	44	39	38	-	-	5.5
13B	Stornoway ...	45	36	*	0.1	1	7.6
15	Dalwhinnie ...	37	31	30	Tr	0.1	1.3
	Aberdeen ...	42	37	35	3	0.1	1.2
	Wick ...	42	35	*	1	1	*
16	Lerwick ...	38	36	*	7	0.1	0.1
17	Blacksod Point	47	39	*	2	Tr	*
18	Malin Head ...	[illegible]	[illegible]	*	2	2	0.0
	Aldergrove ...	44	36	35	1	5	2.4
19	Birr Castle ...	41	36	33	2	0.4	1.5
20	Valentia Obsy. †	46	41	37	2	0.1	1.1
	Roches Point	45	37	*	3	0.2	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility 9h.
Kew	18	ofebc	bcz.cz.	cm.	41	34	23	Tr	-	2.6	*	*	6
Croydon	217	b.ofx	obcfm.	bcfwx	41	31	27	Tr	Tr	0.9	*	*	4
Greenwich (Royal Observatory)	149	rc f	cm	cmfm	41	32	28	-	-	0.8	73	89	4
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.8	*	*	*
Westminster (St. James' Park)	27	*	*	*	41	32	28			0.9	79	93	*
Regents Pk. (Botanic Gardens)	168	*	*	*	40	31	26	-	-	0.7	81	90	*
Camden Square	110	fe	c	*	41	32	28	-	-	*	*	90	*
Kensington	80	cox	bcco	*	41	33	26	-	-	1.8	77	87	*
Hampstead Observatory	450	om	cm	cmx	38	30	25	Tr	-	0.3	*	94	*

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

7h. G.M.T. 29th February

FOREIGN OBSERVATIONS.

Stations	18h. Barom. mb	18h. Wind. Direc.	18h. Wind. Force.	18h. Weather.	18h. Temp. °F.	7h. Barom. mb	7h. Wind. Direc.	7h. Wind. Force.	7h. Weather.	7h. Temp. °F.
Paris	988.2	ENE	2	c	39	987.0	NE	1	bc	32
Brussels	987.6	WSW	1	c	36	986.3	SWS	2	o+	30
Berlin	988.5	E	3	rr	39	985.8	SSW	4	cz.	37
Zurich	991.4	NW	1	s.s.	34	993.1	ESE	1	bc	30
Rome	993.1	SW	3	c/p	54	998.2	NNE	8	cz.	50

Past 24 Hours.

Stations	Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris	43	32	-	-
Brussels	43	30	Tr.	-
Berlin	41	36	3	9
Zurich	39	30	8	0.5
Rome	*	*	5	1

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 29th

South Kensington.

Max.	Time.	Min.	Time.
1.0	22-23 28th	40.3	04-05h 29th.

Kew Observatory.

Max.	Time.	Min.	Time.
1.2	7h 28th	0.1	15h. 28th.

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.