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.

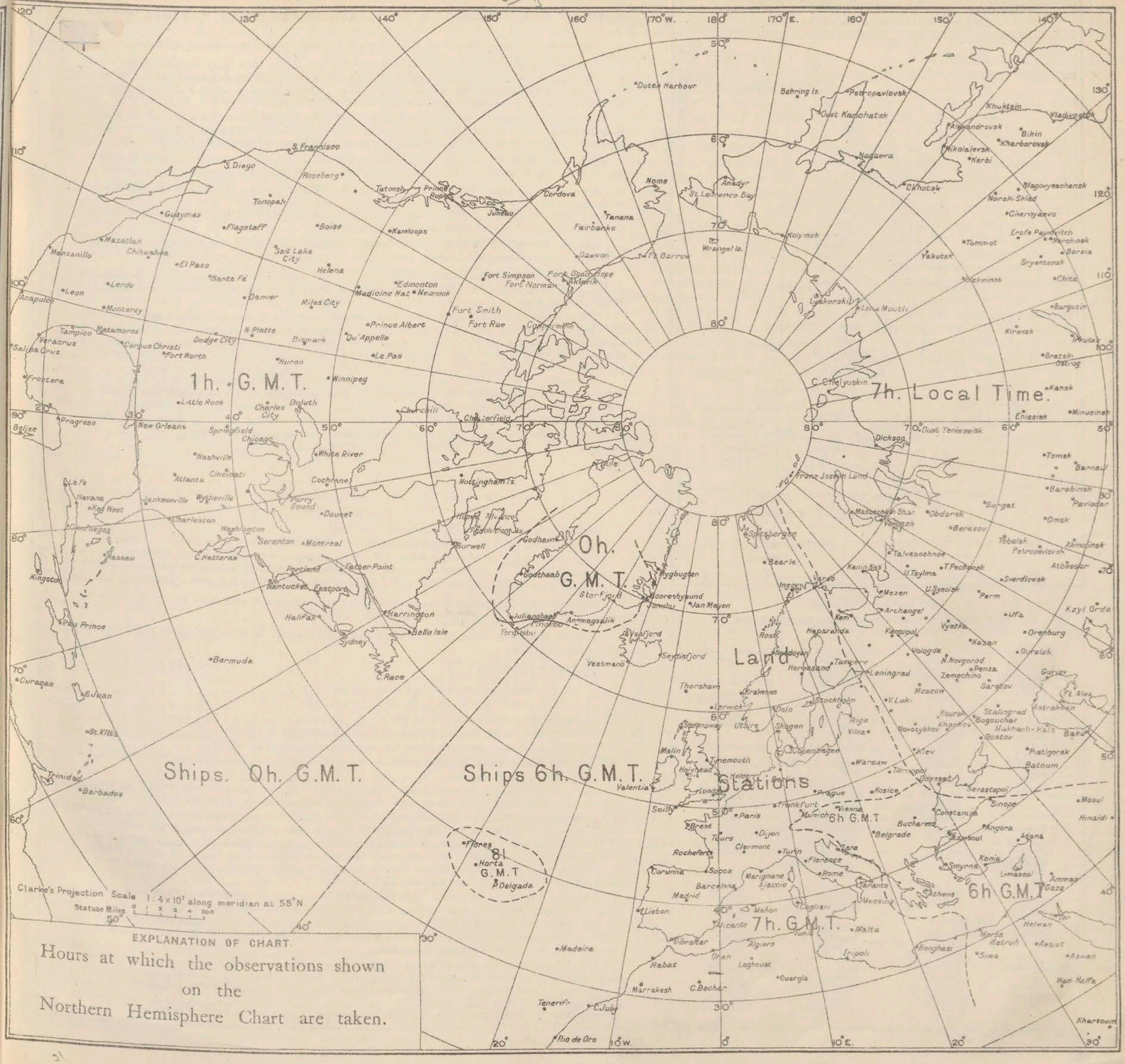
The *South Cone* (point downwards) is hoisted for gales commencing from a Southerly point. Such gales often veer, sometimes as far as Northwest.

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

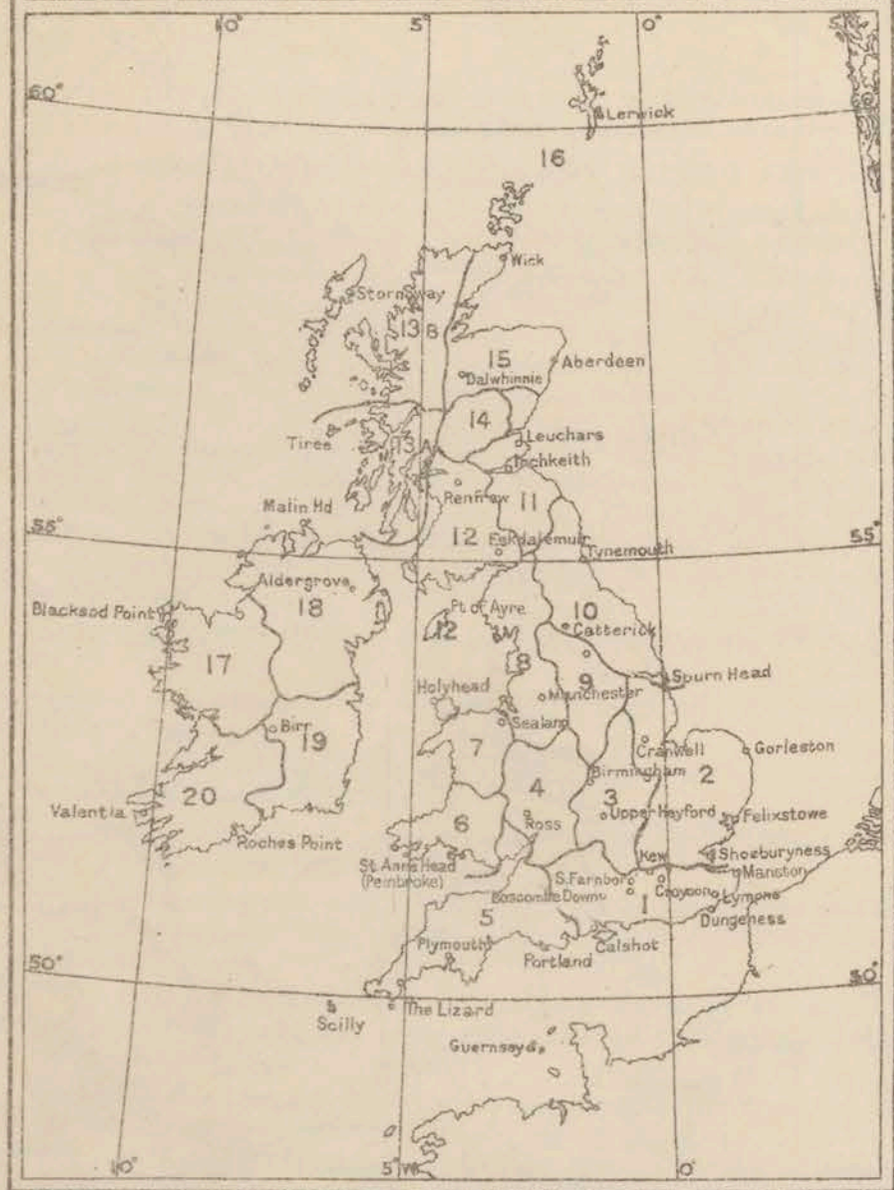
The districts to which warnings are sent are shown in the Report by the following symbols written on page 2 against the forecast districts to which they apply:—

▲ 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.


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.
8h G.M.T
Clarke's Projection Scale 1:4×10⁷ along meridian at 55°N.
Statute Miles
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.

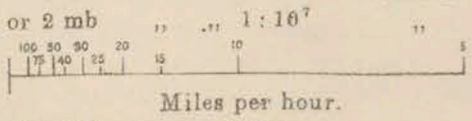
The scale below can be used to determine the theoretical wind as deduced from the pressure distribution on either chart. On the assumption that the path of the air is straight this theoretical wind is called the Geostrophic Wind.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

MONTHLY SUPPLEMENT,

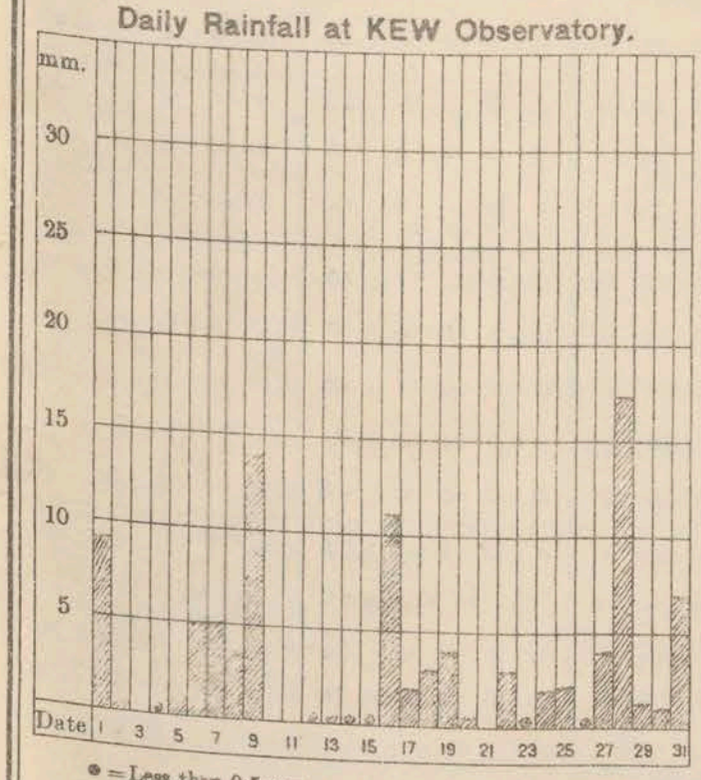
JANUARY, 1936. No. 229.

Wintry conditions in middle of month otherwise wet and mild.

The outstanding features of the month were abnormal rainfall during the first 10 days. Rainfall records being broken at Croydon, Cranwell, Lympne, Sealand, Aberdeen and Shoeburyness. Wintry conditions with very low temperatures both night and day during the period 11th-19th. During the 24 hours 18th/19th max temperatures of 21° and 24° were recorded at Catterick and Eskdalemuir, while screen minima fell to 9° at Manchester and 10° at Eskdalemuir.

A complex depression covered the British Isles during the 1st and 2nd, giving generally wet and mild conditions; following the passage of further depressions on the 3rd., similar conditions prevailed, but fair weather obtained during the easterly movement of a wedge of high pressure on the 4th. From the 5th to 7th disturbances moved northeast from Ireland and the Azores giving rise to gales in the West and Southwest and heavy rain generally with temperature above average. A gust of 84 m.p.h. was recorded at Scilly. Unsettled conditions with southerly gales were maintained from 8th - 10th with high temperatures; maximum values of 58° being reported from places in Southwest England. A gust of 100 m.p.h. was registered at Pembroke on the 9th. With the passage northeast of a depression and associated trough gales were renewed in the north and west on the 11th with wintry showers and lower day temperatures in Scotland and Ireland. Some sunshine was however recorded in nearly all districts. The British Isles came under the influence of an anticyclone during the period 12th - 15th with low temperatures, and wintry showers and bright periods. Widespread fog occurred during the morning of the 15th. Similar conditions were maintained from the 16th - 18th as depressions crossed the country from the southwest. Temperature rose somewhat on the 19th. The northeasterly movement of a depression from southwest England during the period 20th - 23rd gave rise to local gales and rain in England and Wales. Snow, sleet and hail showers occurred in the North with temperatures below the average. Unsettled and mild conditions prevailed from 24th - 27th; with a complex depression over the British Isles. Some sunny periods were recorded on the 26th. The passage of a trough on the 27th caused gales on the West and Southwest coasts. The movement of a trough from a stationary depression South of Iceland was associated with wintry showers in Scotland and thunderstorms in southwest England, and a depression moving east-northeast from Scilly caused rain and a gale in the Southwest during the 28th and 29th. Mild and unsettled conditions marked the close of the month.

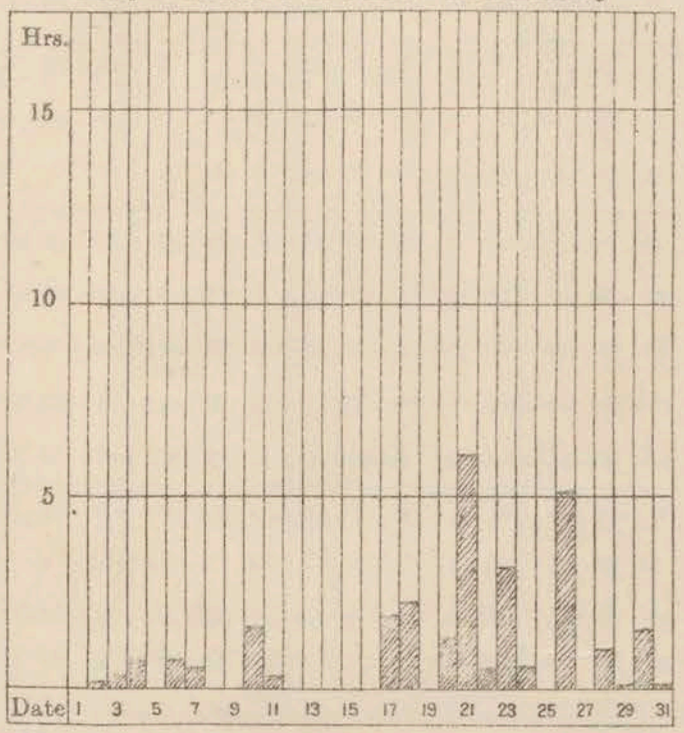
Daily Rainfall at KEW Observatory.



• = Less than 0·5 mm.

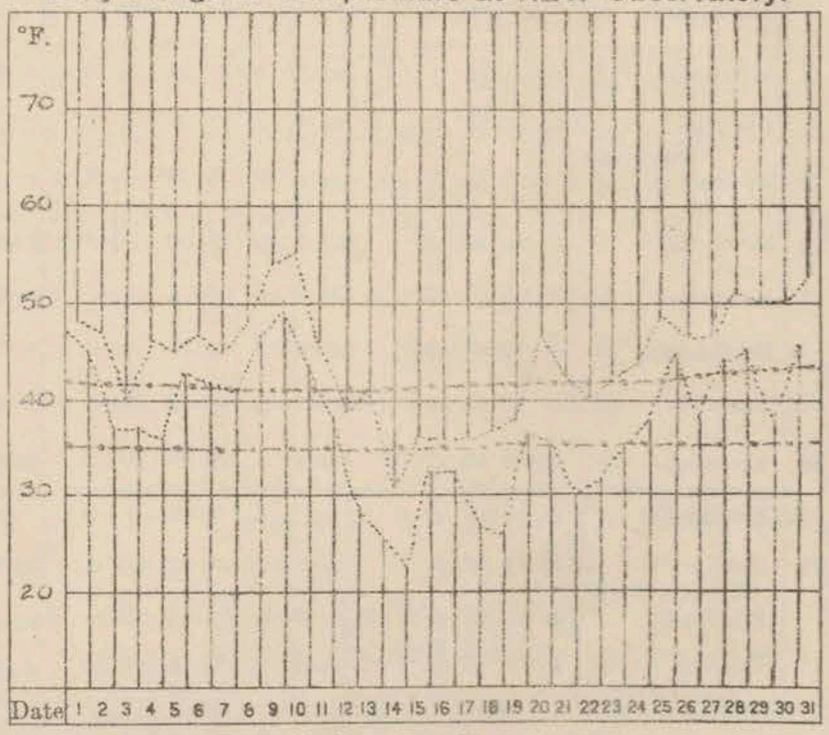
RAINFALL. Total for Month. 98 mm.

Daily Sunshine at KEW Observatory



SUNSHINE. Total for Month. 30 hrs.

Daily Range of Temperature at KEW Observatory.



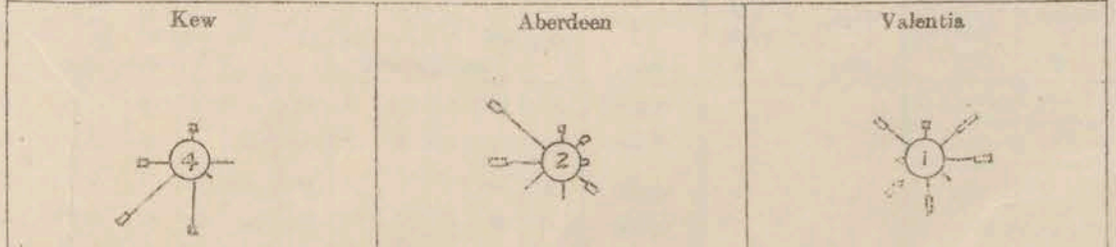
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

STATIONS.	PRESSURE Mean	PRESSURE Difference from average	TEMPERATURE Mean	TEMPERATURE Difference from average
	mb.	mb.	°F.	°F.
Kew	1001.3	-15.8	41·1	+2·1
Aberdeen	995.5	-15.7	38.8	+0.7
Valentia	998.7	-18·3	43·3	-1·1

*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.



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

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

	miles.
Kew ...	6,278
Aberdeen ...	6,081
Lerwick ...	14,380
Valentia ...	7,919

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.	Minimum. 23° or below	24° – 32°	33° – 41°	42° – 50°	51° – 59°	Average Minimum.	Extremes—Warmest and Coldest. Days. Highest Max.	Date.	Lowest Max.	Date.	Nights. Highest Min.	Date.	Lowest Min.	Date.	Number of Ground Frosts.
						°F.						°F.	°F.		°F.		°F.		°F.		
1	London ... (Kew Obsy).	1	9	17	4	45.7	1	6	13	11	0	37.9	55	10	31	14	49	10	23	15	11
	Croydon ...	0	9	18	4	45.4	0	5	14	11	1	37.5	55	10	33	14	51	10	24	15, 19.	8
	Calshot** ... (Southampton)	0	3	23	5	46.5	0	3	14	14	0	38.8	54	10	36	17	50	10	29	18	3
	Lympne ...	0	9	18	4	43.8	0	7	15	9	0	36.2	52	10, 28.	36	17	49	10	25	18	11
2	Shoeburyness ...	0	8	19	4	45.7	1	7	12	10	1	35.8	54	10	35	17	51	10	21	19	10
	Gorleston ...	0	10	19	2	44.4	0	6	20	5	0	36.9	56	10	36	18	49	10	25	19	6
	Cranwell ...	3	12	14	2	43.5	2	12	13	4	0	35.0	52	9, 10.	31	17	48	10	21	18, 19.	13
3	Birmingham ... (Edgbaston)	3	12	14	2	43.6	0	12	16	3	0	36.3	54	9	30	17	46	10	24	19	13
4	Ross-on-Wye ...	3	9	16	3	46.0	3	9	12	7	0	37.6	57	9	31	14	48	10	22	14, 15, 19.	15
5	The Lizard ...	0	0	21	10	*	0	0	9	22	0	*	55	9	42	17	50	10	34	17	*
7	Holyhead ...	0	5	24	2	46.3	0	2	18	11	0	41.5	53	9	38	15, 16, 19.	47	9, 10.	30	19	7
8	Chester ... (Sealand)	2	12	15	2	46.4	3	7	18	2	1	37.4	55	9	31	19	51	10	15	19	18
10	Tynemouth ...	1	16	15	0	44.1	0	8	20	3	0	37.4	50	10	31	17	46	10	26	19	14
11	Inchkeith** ...	0	21	10	0	43.9	0	11	19	1	0	37.4	49	9	33	16, 19.	43	10	26	21	11
12	Renfrew ...	2	17	12	0	43.6	5	10	15	1	0	35.7	50	9	25	15, 19.	44	10	18	19	16
	Eskdalemuir ...	4	21	6	0	40.9	7	10	14	0	0	32.7	47	9	24	19	40	9	10	19	16
13B	Stornoway	0	15	16	0	44.3	0	11	15	5	0	37.3	48	9	34	19	43	8	26	20	*
15	Aberdeen ...	0	18	13	0	42.8	1	11	15	4	0	36.0	49	10	33	17, 18.	45	10	14	20	20
18	Aldergrove ...	0	18	12	1	*	2	10	15	4	0	*	51	9	34	16, 20, 22.	46	9	18	19	15
19	Dublin ... (Phœnix Park)	0	13	15	3	46.7	3	15	12	1	0	35.5	55	9	35	2	45	10	19	13	17
	Birr Castle ...	0	16	12	3	46.4	1	13	15	2	0	37.6	53	9	33	2, 13.	45	10	20	13	19
20	Valentia ... (Cahirciveen)	0	3	23	5	49.0	0	2	15	14	0	42.4	54	9	39	20	49	10	31	17	5

LOW CLOUD.

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

FOG, MIST and GOOD VISIBILITY.

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

UPPER AIR TEMPERATURE.

Pressure. mb.	Normal Height. Feet.	Normal Temperature. °F.	Duxford. Mean. °F.	No. of Reports.	Mean. °F.	No. of Reports.	Mean. °F.	No. of Reports.
950	1800	38.3	39.1	38				
850	4690	30.7	30.0	39				
750	7910	21.4	21.8	39				
650	11,510	9.4	10.2	38				
550	15,620	-5.8	4.6	38				

UPPER WINDS.

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

Station.	Height. Feet.	Lympne. No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75	Plymouth (Mt. Batten). No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75	Holyhead. No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75	Renfrew. No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75	Station. Height. Feet.
			miles per hour.						miles per hour.						miles per hour.						miles per hour.					
	2,000	55	3	21	28	3	0	31	1	18	11	1	0	51	10	30	10	1	0	57	11	23	21	2	0	2,000
	5,000	21	0	10	8	2	1	9	1	5	3	0	0	17	5	10	2	0	0	31	1	19	9	2	0	5,000
	10,000	2	0	1	1	0	0	0	0	0	0	0	0	4	2	1	1	0	0	10	2	4	4	0	0	10,000
	15,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	0	15,000

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

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

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

SUNSHINE, RAINFALL, AND HUMIDITY JANUARY, 1936.

District.	Stations.	Good Visibility.	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.)	2	12	16	2	1	0	6·1	21	1497	+32	30	-14	1880	74	1891, 1905	16	1885	9	5	12	4	1	0	17	28	729	+123	99 ~~98~~	+53	1856	124	1877	11	1892	0	5
	Croydon	2	14	14	2	1	0	6·2	21	1470	-80	27	-24	1922	67	1927	25	1935	9	3	9	9	1	0	24	28	913	+234	128 ~~129~~	+77	1921	91	1928	29	1929, 1935	0	5
	Calshot** (Southampton)	18	10	16	4	1	0	7.1	21	1682	-99	39	-24	1881	93	1891	19	1886	8	4	12	6	1	0	20	28	982	+336	118	+66	1871	207	1906	14	1898	0	3
	Lympne	13	9	17	5	0	0	5·3	21	1741	-35	37	-21	1921	77	1923	39	1929	8	3	12	6	2	0	22	25	966	+242	116 ~~117~~	+61	1920	110	1928	30	1929	0	4
2	Shoeburyness	12	9	14	8	0	0	5·1	14	1809	+93	43	-13	1919	77	1923	38	1929	10	1	15	4	1	0	16	25	560	+80	87	+54	1920	58	1928	23	1932	0	3
	Gorleston	5	14	13	4	0	0	5·7	23	1774	+125	42	-13	1908	84	1910	27	1915	11	7	7	6	0	0	8	25	628	+6	69	+25	1871	123	1922	3	1880	0	4
	Cranwell	7	12	12	6	1	0	6·1	14	1657	+107	49	-3	1921	69	1932	37	1929	12	5	10	3	1	0	25	29	652	+92	84	+40	1917	83	1919	18	1932	1	3
3	Birmingham (Edgbaston)	2	12	16	3	0	0	6·2	13	1456	+158	40	-3	1887	73	1906	8	1917	15	1	9	6	0	0	13	19	848	+174	90 ~~88~~	+37	1893	126	1930	21	1908	0	3
4	Ross-on-Wye	16	9	20	1	1	0	6.7	17	1556	+76	35	-17	1915	91	1933	34	1921	7	6	12	4	2	0	19	9	832	+114	112	+50	1859	156	1869	7	1898	0	5
5	Falmouth (Observatory)	26	13	12	3	3	0	6·8	29	1610	-115	55 ~~56~~	-3	1881	87	1895	22	1884	3	3	12	10	3	0	21	27	1236	+129	188	+81	1871	246	1875	25	1880	1	2
7	Holyhead	28	8	17	5	1	0	6·1	17	1669	+124	49	+2	1914	102	1933	29	1914	8	6	7	8	2	0	18	19	975	+87	123	+49	1871	190	1877	19	1880	0	4
8	Chester (Sealand)	4	13	11	6	1	0	6.4	17	1473	+122	42	-9	1923	71	1933	37	1929	7	5	13	4	0	2	45	21	845	+184	155	+105	1922	92	1930	31	1929	0	6
10	Tynemouth	5	16	8	5	2	0	7.0	18	*	*	49	*	1935	*	*	*	*	10	8	6	5	2	0	20	29	712	+91	97	+56	1915	98	1921	15	1932	0	3
11	Inchkeith**	14	10	14	6	1	0	6.7	18	1377	-51	49	-5	1923	81	1932	38	1925, 1926, 1929	13	4	10	3	1	0	16	25	589	+35	71 ~~70~~	+36	1870	114	1877	9	1891	0	8
12	Renfrew	7	17	8	5	1	0	6·2	13	1200	+2	37	+6	1921	49	1931	19	1925	7	7	9	6	2	0	22	1	1091	+166	116	+28	1921	241	1928	42	1929	0	6
	Eskdalemuir	15	16	8	5	2	0	6·2	14	1252	+48	45	+12	1910	56	1931	12	1913	7	5	8	7	1	3	49	9	1647	+218	205 ~~208~~	+71	1910	394	1928	56	1929	0	14
13B	Stornoway	30	12	14	4	1	0	7·2	30	1342	+111	43	+16	1881	51	1883	12	1907	4	5	20	2	0	0	7	22	1122	-144	73 ~~77~~	-60	1870	373	1872	33	1881	0	11
15	Aberdeen	14	12	11	7	1	0	6·2	19	1318	-12	53	+9	1881	85	1881	15	1885	11	6	6	6	2	0	22	25	973	+225	113	+58	1871	108	1903	16	1905	0	10
18	Aldergrove	18	14	11	6	0	0	5.7	12	1421	*	43	*	1927	64	1928	33	1932	10	5	9	5	2	0	23	5	827	*	109	*	1926	130	1928	31	1935	0	8
19	Dublin (Phœnix Park)	*	13	9	9	0	0	5.7	29	1570	+115	55	+1	1881	91	1891	21	1914	9	8	9	3	2	0	18	5	736	+31	85	+27	1865	103	1930	8	1876	0	3
	Birr Castle	30	13	11	7	0	0	4.8	29	1378	+67	39	-9	1881	91	1897	24	1884	8	5	11	7	0	0	14	6, 9	893	+64	101	+29	1862	148	1890	17	1881	0	5
20	Valentia (Cahirciveen)	29	12	14	5	0	0	5.7	3	1388	+16	34	-8	1880	128	1881	16	1898	4	5	7	10	3	2	35	26	1500	+86	221 ~~223~~	+84	1866	279	1930	27	1935	1	3

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	10	13	6	2	0	0	0	0
Ross-on-Wye	7	3	8	7	6	0	0	0	0
Falmouth (Obsy.)	3	11	9	6	2	0	0	0	0
Renfrew	3	16	8	4	0	0	0	0	0
Eskdalemuir	4	11	8	7	1	0	0	0	0
Aberdeen	4	9	7	9	2	0	0	0	0
Valentia	0	1	17	12	1	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	3	1	2	0	3	0	0	0
Ross-on-Wye	0	25	0	0	2	0	2	0	2	0
Renfrew	0	17	1	0	4	7	1	0	1	0
Eskdalemuir	0	10	1	1	9	1	0	1	8	0
Aberdeen	0	17	0	2	1	0	7	0	3	1
Valentia	0	31	0	0	0	0	0	0	0	0

CODE for State of Ground.

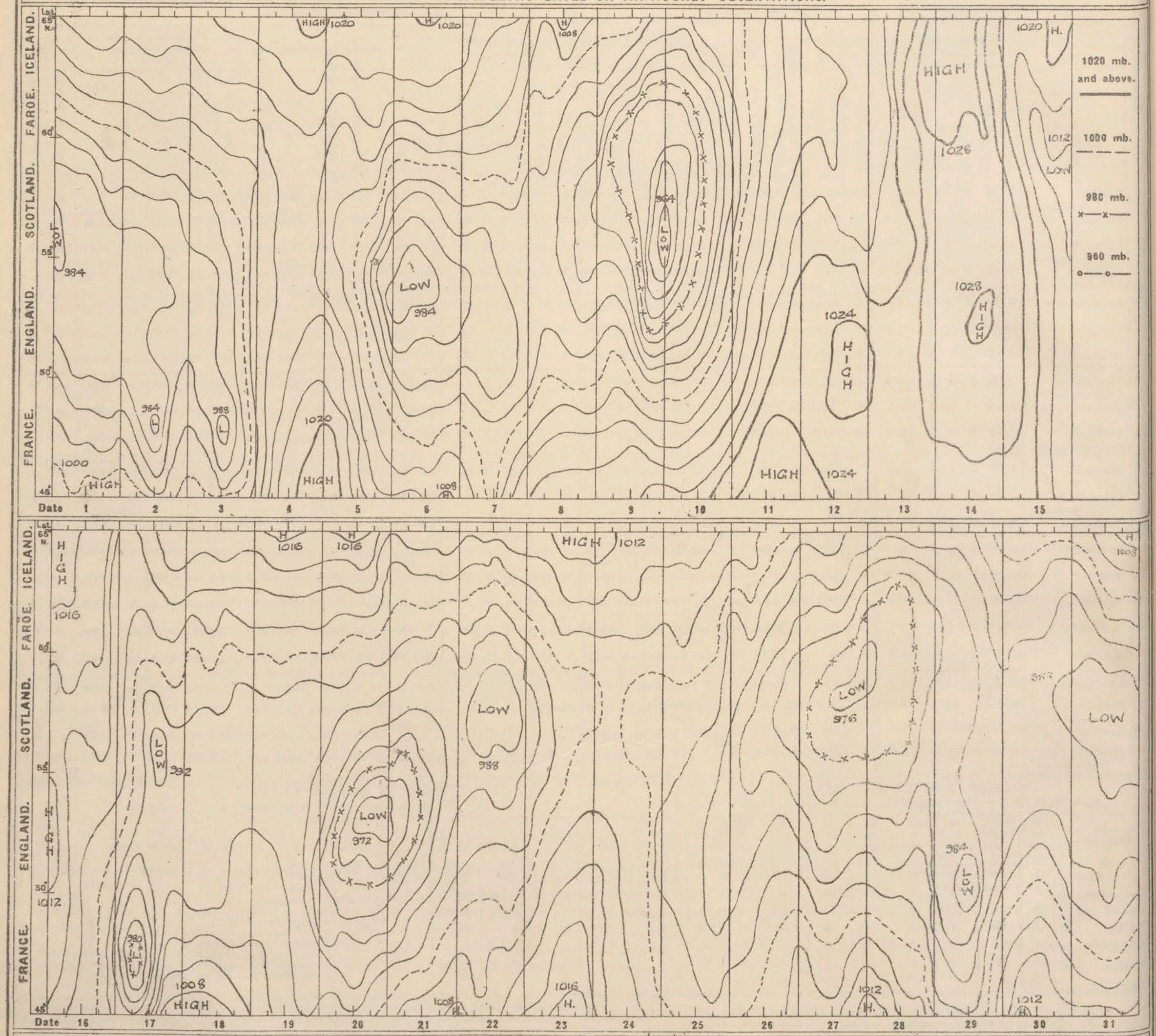
9 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow, greater than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

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

6250/3022 Wt. 8084. D.6004. Gp.908. 1056.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 1st January 1936

No 27068

OBSERVATIONS at 13h. G.M.T. 31st December

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)	991·2	−22	SSW	4	rr	50	95	6	8	2	–	9+	10	800
	Croydon ...	991·8	−22	SW	6	r₀r₀	49	95	6	6	–	–	10	10	450
	S. Farnborough	991·0	−20	SW'S	3	ir₀	50	95	7	6	2	–	9	9+	800
	Boscombe Down	991·5	0	SSW	4	ir₀	49	95	7	5	2	–	4·6	10	800
	Calshot (Sthmtn.)	992·3	−10	SSW	5	c/r	50	95	7	6	2	–	9	10	800
	Lympne ...	994·9	−26	SSW	6	rr	47	95	5	6	–	–	10	10	(150
	Manston ...	994·1	−26	SSW	6	rr	48	95	6	6	2	–	9	10	450
2	Shoeburyness ...	994·5	−24	S'W	4	rr	49	95	6	8	2	–	7-8	10	800
	Felixstowe ...	993·4	−30	S	5	r₀r₀	46	95	6	6	2	–	7-8	10	2500
	Gorleston ...	993·0	−30	SSE	6	rr	48	95	6	6	–	–	10	10	1500
	Mildenhall ...	990·7	−28	SW	4	r₀r₀	49	85	6	6	–	–	10	10	800
	Cranwell ...	989·2	−30	SSE	4	r₀r₀	47	95	6	6	2	–	9	10	1500
3	Birmingham ...	988·5	−12	SSW	3	c	49	95	5	6	7	–	4-6	10	800
	Upper Heyford	989·6	−18	SW'S	3	ir₀	49	95	8	6	2	–	7-8	10	800
4	Ross-on-Wye	988·5	−4	SW	3	pr	51	85	6	9	–	–	9	9	2500
5	Portland Bill ...	991·4	−6	SW	5	c	50	95	7	4	–	–	7-8	7-8	2500
	Plymouth ...	991·3	+6	SW	6	c/p	50	95	6	9	3	–	4-6	9	1500
	The Lizard ...	991·0	+2	SW'S	5	c	51	95	6	8	5	4	4-6	7-8	2500
	Scilly (St. Mary's)	989·2	−4	WSW	5	bc/phr	47	85	7	3	6	3	4-6	4-6	1500
	Guernsey ...	994·3	−2	SW	4	rr	51	95	7	5	–	–	10	10	1500
6	Pembroke ...	986·9	+4	SW'W	4	bc	50	85	6	8	4	–	2-3	4-6	2500
7	Holyhead ...	983·4	−2	SW'S	4	bc/pr	51	85	7	8	8	–	4-6	4-6	2500
	Chester (Sealand)	986·3	−14	SSE	3	cz₀	49	96	6	5	3	–	9	9+	2500
8	Manchester ...	986·2	−20	SSW	4	o/r₀	48	95	5	6	–	–	10	10	1500
10	Spurn Head ...	988·4	−12	SSE	5	r₀r₀	42	95	6	6	–	–	10	10	1500
	Catterick ...	986·4	−30	SSE	2	rf	43	95	3	–	2	–	10	10	800
	Tynemouth ...	986·8	−20	SSE	2	r₀r₀	44	95	3	6	–	–	10	10	1500
11	Inchkeith ...	986·6	−16	S	1	r₀r₀	41	95	6	6	–	–	10	10	800
	Leuchars ...	986·5	−18	E	2	c	43	95	5	5	2	–	9	10	800
12	Renfrew (Abbots I.)	985·0	−22	ENE	4	rf	40	95	3	6	–	–	10	10	450
	Eskdalemuir ...	984·7	−20	ESE	2	r₀r₀	42	95	6	6	2	–	4-6	10	800
	Point of Ayre...	982·6	−18	SW'S	4	c	48	95	7	3	–	–	9	9	1600
13A	Tiree	981·9	−38	ESE	4	rr	44	95	6	6	–	–	10	10	1500
13B	Stornoway ...	985·2	−18	E	4	c	48	85	7	5	2	–	4-6	7-8	1500
15	Dalwhinnie ...	986·9	−10	S	2	c	39	95	6	4	2	–	7-8	10	2500
	Aberdeen ...	987·4	−8	ENE	1	f	42	95	2	–	–	–	10	10	(150
	Wick ...	987·9	0	SE	3	c	46	95	7	5	1	–	7-8	9	1500
16	Lerwick ...	991·2	−6	E'S	3	c/r	45	95	7	5	7	–	7-8	9+	460
17	Blacksod Point	978·8	+8	S	4	bc	48	85	8	3	–	4	4-6	4-6	1500
18	Malin Head ...	979·7	−14	SE	2	r₀r₀	45	95	6	6	2	–	9+	9+	1500
	Aldergrove ...	980·5	−14	SSW	4	ir₀	46	95	7	6	1	3	9	9+	800
19	Birr Castle ...	982·2	+6	S	2	bc	49	85	8	–	–	8	0	4-6	-
20	Valentia Obsy. ‡	981·5	−2	S'W	4	bc	49	85	8	2	–	6	2-3	4-6	1500
	Roches Point	988·7	−6	W'S	3	rr	45	95	7	6	–	–	10	10	1500

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

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)	993·1	+14	SW	3	bz₀	48	85	6	–	–	–	0	0	-	1	*
	Croydon ...	993·5	+16	SW'S	3	c	48	85	6	5	–	–	7-8	7-8	1500	1	*
	S. Farnborough	993·3	+16	SW'S	3	b	47	95	7	2	–	–	1	1	2500	1	*
	Boscombe Down	992·2	+14	S'W	2	ir₀	47	95	6	5	–	–	9 2-3	9	1500	1	*
	Calshot (Sthmtn.)	993·8	+10	S	4	c	48	95	7	8	–	–	7-8	7-8	1500	1	3
	Lympne ...	996·3	+16	SW	5	c/r	47	95	6	6	–	–	9+	9+	800	1	§ 5
	Manston ...	995·1	+14	SW'W	5	c/r	48	95	7	5	–	–	7-8	7-8	1500	1	*
2	Shoeburyness ...	994·3	+12	SSW	4	bc	47	95	7	–	3	–	0	2-3	-	1	*
	Felixstowe ...	993·6	+8	S'W	4	bc/r	47	85	7	–	3	–	0	4-6	-	1	3
	Gorleston ...	992·1	+6	S	4	0	50	95	6	5	–	–	10	10	2500	1	3
	Mildenhall ...	991·7	+12	W	4	bc	49	85	7	5	–	–	4-6	4-6	4000	1	*
	Cranwell ...	990·0	+10	SW'S	3	bz₀	46	95	6	–	4	–	0	Tr	–	1	*
3	Birmingham ...	990·5	+10	S	3	b	45	85	7	–	–	1	0	1	–	1	*
	Upper Heyford	992·0	+18	SSW	3	b	44	85	7	–	–	3	0	Tr	–	1	*
4	Ross-on-Wye	990·1	+8	SW	3	pr	47	85	6	9	–	–	9	9	2500	1	*
5	Portland Bill ...	991·9	+6	SW	4	bc	49	95	7	4	–	–	4-6	4-6	2500	2	4
	Plymouth ...	991·3	+2	SSW	5	c	49	85	8	8	1	3	2-3	9+	1500	1	3
	The Lizard ...	990·3	−4	WSW	3	0	48	85	6	5	–	–	10	10	1500	1	4
	Scilly (St. Mary's)	988·2	−4	SW	5	pr	47	85	7	9	–	–	9+	9+	1500	1	3
	Guernsey ...	994·5	+2	SW	3	bc	50	85	6	–	1	–	0	2-3	–	1	3
6	Pembroke ...	986·4	+2	SSW	4	pr	48	85	7	8	–	–	9	9	1500	1	3
7	Holyhead ...	985·4	+10	S'W	4	PR	47	85	7	8	–	–	7-8	7-8	2500	1	2
	Chester (Sealand)	988·0	+10	S	2	cz₀	44	75	6	5	–	–	7-8	7-8	4000	1	*
8	Manchester ...	987·9	+18	SSW	3	cz₀	46	85	6	–	3	–	0	7-8	–	1	*
10	Spurn Head ...	988·3	0	SW	3	bc	44	95	7	5	7	–	4-6	4-6	2500	1	2
	Catterick ...	986·0	+4	WSW	3	c/f	46	85	8	8	–	–	7-8	7-8	2500	1	*
	Tynemouth ...	985·0	−2	SE	2	0	45	95	5	6	–	–	10	10	1500	1	2
11	Inchkeith ...	983·8	−8	ESE	1	cz₀	41	95	3	5	–	–	7-8	7-8	1500	1	2
	Leuchars ...	983·7	−14	ESE	3	o/r₀	44	95	5	5	–	–	10	10	800	1	*
12	Renfrew (Abbots I.)	983·2	−2	SSE	1	ir₀	45	95	5	6	–	–	10	10	800	1	*
	Eskdalemuir ...	983·8	+4	SSW	4	id₀	44	95	4	5	–	–	10	10	(150	1	*
	Point of Ayre...	984·4	+14	SW	2	c	46	85	8	6	–	–	9	9	1500	1	2
13A	Tiree	980·9	0	ESE	3	rr	43	95	6	6	2	–	9+	10	1500	1	4
13B	Stornoway ...	983·4	−4	E	4	c	44	85	7	5	2	–	4-6	9+	1500	1	2
15	Dalwhinnie ...	984·6	−8	S	1	c	38	85	7	4	2	–	4-6	10	2500	1	*
	Aberdeen ...	986·4	−14	SE	3	rr	44	95	6	6	2	–	7-8	10	800	1	2
	Wick ...	986·4	−6	ESE	3	pr	46	95	7	8	7	–	7-8	10	1500	1	2
16	Lerwick ...	991·1	0	ESE	4	c	45	95	7	8	7	–	7-8	9+	800	1	*
17	Blacksod Point	979·7	+8	S	4	bc	46	85	8	2	3	–	1	2-3	1500	1	3
18	Malin Head ...	980·4	+10	S	3	bc	44	95	7	4	8	–	1	2-3	1500	1	1
	Aldergrove ...	982·7	+8	S	2	bc	42	85	7	8	–	–	2-3	2-3	1500	1	
19	Birr Castle ...	982·7	+4	S	1	c	41	95	8	5	–	–	9	9	2500	1	*
20	Valentia Obsy. ‡	981·1	0	S'W	3	c	45	85	8	5	–	–	7-8	7-8	1500	1	3
	Roches Point	984·6	+4	SW	3	bc	46	85	8	9	–	4	4-6	4-6	1500	1	4

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 31st (37)	13h.—18h. 31st. (38)	18h. 31st to 1h. 1st. (39)	1h.—7h. 1st. (40)
1	London (Kew)	crrr₀r₀	cr₀bm₀	cr₀m₀	cr₀m₀
	Croydon ...	cr₀crm₀	r₀rRbc	cr₀m₀	bccrr
	S. Farnborough	r₀rr₀r₀	cir₀bc	b,cpr₀b	bccrrbc
	Boscombe Down	rrcir₀	ir₀m₀	cir₀m₀	oRR
	Calshot (Sthmtn.)	crrm₀	cir₀bmc	cbc,cir₀	cir₀c
	Lympne ...	om₀rr	rrr₀r₀	bcir₀	crrr₀
	Manston ...	cr₀r₀rm₀	orrr₀r₀c	bc	r,cpr₀
2	Shoeburyness ...	rrm₀	ir₀c,b	bbc	bccrc
	Felixstowe ...	cr₀r₀m₀	cr₀r₀m₀bc	bcb	b,ccrr
	Gorleston ...	orr₀q	orr₀q₀c	bbcc	c
	Mildenhall ...	cr₀r₀r₀r	cr₀r₀m₀c	bcb	b,o₀rrm₀
	Cranwell ...	crrm₀	cr₀r₀	bbcm₀	crrm₀
3	Birmingham ...	corr	cpr₀b	bbcc	corR
	Upper Heyford	RRr₀	cr₀bcb	bbcc	rrRq
4	Ross-on-Wye	d₀orc	ccbcc	cbcco	rrirc
5	Portland Bill ...	rrc	cbc	orr	rrc
	Plymouth ...	orcr₀pr₀	cpr₀bcm₀c	cRrm₀	cbc
	The Lizard ...	obc	bc0	oc|rr	bcprc
	Scilly (St. Mary's)	cphrq	bccp₀	rrlr₀	bccp₀
	Guernsey ...	orrir	ircbc	orrir	cohr
6	Pembroke ...	oqircm₀bc	cbqcpr	oirc	c
7	Holyhead ...	r₀r₀rr	bcpr₀	PRpr	crr₀r₀
	Chester (Sealand)	cd₀d₀r₀	c	bcm₀	crrRRm₀
8	Manchester ...	cr₀r₀	cprbc	bcb,cm₀	crRr₀
10	Spurn Head ...	corr	rrprc	bc	bccir₀
	Catterick ...	omfr₀r₀	orrFbc	xc	cofr₀
	Tynemouth ...	offir₀	offiro	obc	bcom
11	Inchkeith ...	-₀z₀ir	ir₀z₀	z₀c	ir₀cbc
	Leuchars ...	FFcm₀	or₀r₀r₀r	om₀c	cbbc
12	Renfrew (Abbots I.)	cffrr	cffRr₀r₀	cm₀ir₀	cm₀
	Eskdalemuir ...	ocr₀r₀	rrd₀m	cr₀m₀	r₀cm₀
	Point of Ayre...	rrr₀r	cprc	cprbc	PRco
13A	Tiree	m₀orr	oRrr	cir₀prbcb	bbcc
13B	Stornoway ...	bcfec	c	crr	crr
15	Dalwhinnie ...	c	rr	*	iroc
	Aberdeen ...	FeF	ffcrr	orrbc	bcb
	Wick ...	c	cpr₀	crr	crr
16	Lerwick ...	cir	cir₀	cir₀orrm₀	cirm₀
17	Blacksod Point	prc	p₀c	pr₀c	pr₀bc
18	Malin Head ...	cr₀r₀	c,pr₀	bc	bcc
	Aldergrove ...	crrr₀r₀	cir₀cb	bbcpr₀	bcxc
19	Birr Castle ...	obc	bcc	cbc	bcx
20	Valentia Obsy. ‡	ir₀prbc	PHRpr₀c	cpr₀bc	bcbbc
	Roches Point	~~cfr~~ orr	rrcbc	cprbc	cprc

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.*

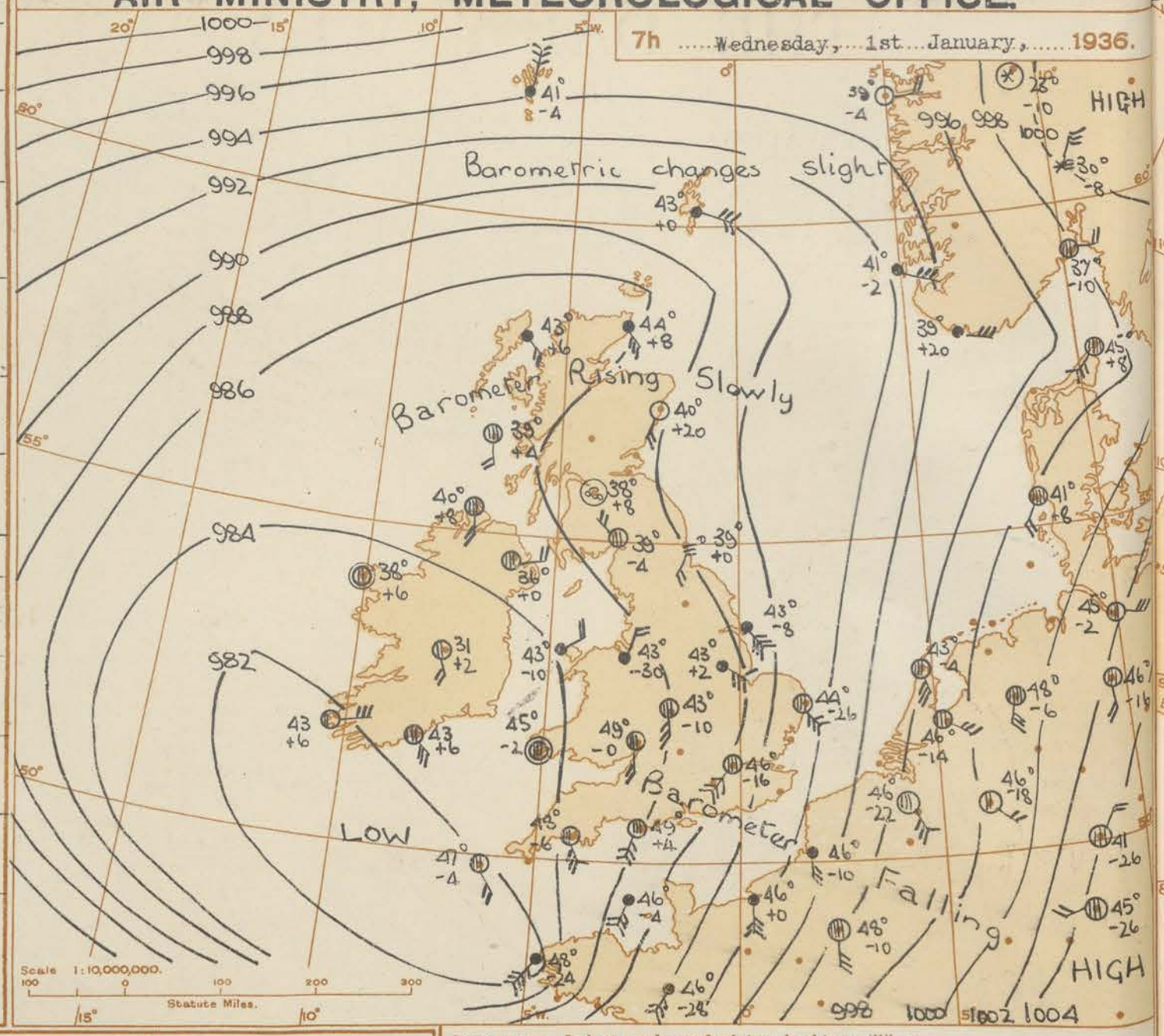
§ Sea disturbance reported from Dunsness.

REPORTS from HEALTH RESORTS for 31st December, 1935.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	orr	oroc	46	50	8	13	0·0
	Bournemouth	or	oco	46	51	6	2	0·7
	Ventnor ...	orm	orbc	44	49	6	7	0·0
	Southsea ...	oro	oroc	48	51	8	5	0·0
	Bognor Regis	r	rrcc	47	49	8	10	0·0
	Littlehampton	orrc	crcbc	46	50	6	9	0·0
	Worthing ...	oR	roc	47	49	8	11	0·0
	Brighton ...	rr	rocz	47	49	6	8	0·0
	Eastbourne†	rr	roc	48	50	5	7	0·0
	Hastings† ...	orr	orro	47	50	7	8	0·0
	Folkestone ...	orr	ogro	47	49	5	8	0·0
	Dover... ...	rro	roc	47	49	7	6	0·0
	Deal	oiR	oiR	48	49	6	10	0·0
	Ramsgate ...	or	ro	47	50	3	4	0·0
	Margate ...	cr	cr	47	50	3	3	0·0
2	Southend ...	or	orroc	46	48	2	3	0·0
	Maldon ...	rr	rr	46	50	4	7	0·0
	Clacton-on-Sea	ogrr	orcir	41	46	1	3	0·0
	Dovercourt ...	roc	roc	45	48	3	6	0·0
	Lowestoft ...	oir	oir	45	48	3	5	0·0
	Skegness ...	omror	robcm	43	47	1	2	0·0
	Mablethorpe	omor	orobc	42	49	1	2	0·0
	Cleethorpes ...	o	oir	42	48	0·3	2	0·0
3	Leamington S.	o	bcco	45	50	2	3	0·2
4	Cheltenham†	oirc	cirbc	44	52	1	2	0·5
5	Bath	rrc	cpbcp	46	53	8	3	0·2
	Weymouth ...	rcc	cbcc	43	52	9	1	0·7
	Jersey ...	rcr	rbcc	48	50	10	3	0·4
	Torquay ...	odpcq	bcqpb	48	53	13	0·3	1·2
	Penzance ...	rbcb	bcbcr	48	53	11	0·6	2·7
	St. Ives ...	c	c	47	52	13	-	0·0
	Bude	cbc	cpntl	47	51	4	1	0·9
	Ilfracombe ...	rro	cbct	50	52	9	2	1·7
6	Aberystwyth	prc	cpr	45	50	1·	0·5	0·3
7	Llandudno ...	roc	cbc	43	51	0·2	0·2	1·4
	Colwyn Bay...	corbc	bcbcb	41	52	1	0·5	0·3
	Rhyl	roc	crobc	42	53	0·1	0·1	0·9
8	Wallasey ...	oirbc	bcc	43	51	1	Trace	0·6
	Southport‖ ...	ro	cbcco	43	49	1	1	0·2
	Blackpool ...	or	c	43	49	1	3	0·2
	Morecambe ...	rccr	c	42	49	0·5	3	0·0
9	Ilkley... ...	ogoro	ororc	42	49	2	5	0·0
	Harrogate ...	crr	rcb	43	46	1	4	0·0
10	Berwick-on-T.	og	frRo	36	44	-	7	0·0
11	Dunbar ...	crt	cm	35	45	0·3	1	0·0
12	Troon... ...	corro	cocbc	41	48	-	6	0·0
	Douglas ...	omor	cmdd	44	49	2	4	0·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.

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

WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 1/10 to 9/10 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. 1st January, 1936.

Districts.	Forecasts
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Wind southeast to east fresh, becoming northwest; bright intervals with occasional rain or showers today, fair tomorrow; rather mild today, cool at night.
5. S.W. England 6. South Wales 7. North Wales	Wind southeast, fresh becoming northwest but backing and freshening tomorrow; showers and bright intervals; cloudy tomorrow with rain later; rather mild.
8. N.W. England 9. N Midlands 10. N.E. England	Wind east to northeast moderate to fresh backing to northwest or west; bright intervals with occasional rain or showers today, cloudy tomorrow; rather mild today, cool tonight.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind easterly moderate backing to northwest and later southwest; rain today, fair later; rather mild today, cool tonight.
13. A. W Scotld. ~~B. N.W. Scotland~~ 14. Mid-Scotland 15. N.E. Scotland 16 Orkney and Shetland	Wind easterly moderate or fresh, backing to north; occasional rain or showers; bright intervals; average temperature.
17 N.W Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind becoming northwest or north moderate, backing to south tomorrow and freshening; showers and bright intervals today, rain becoming continuous tomorrow; rather mild during the day, cool at night.

GENERAL INFERENCE.

A depression off the Southwest coasts is filling up and moving eastwards while another in mid-Atlantic will follow a similar course. There will be occasional rain or showers and bright intervals today but continuous rain will reach the West tomorrow morning.

FURTHER OUTLOOK.

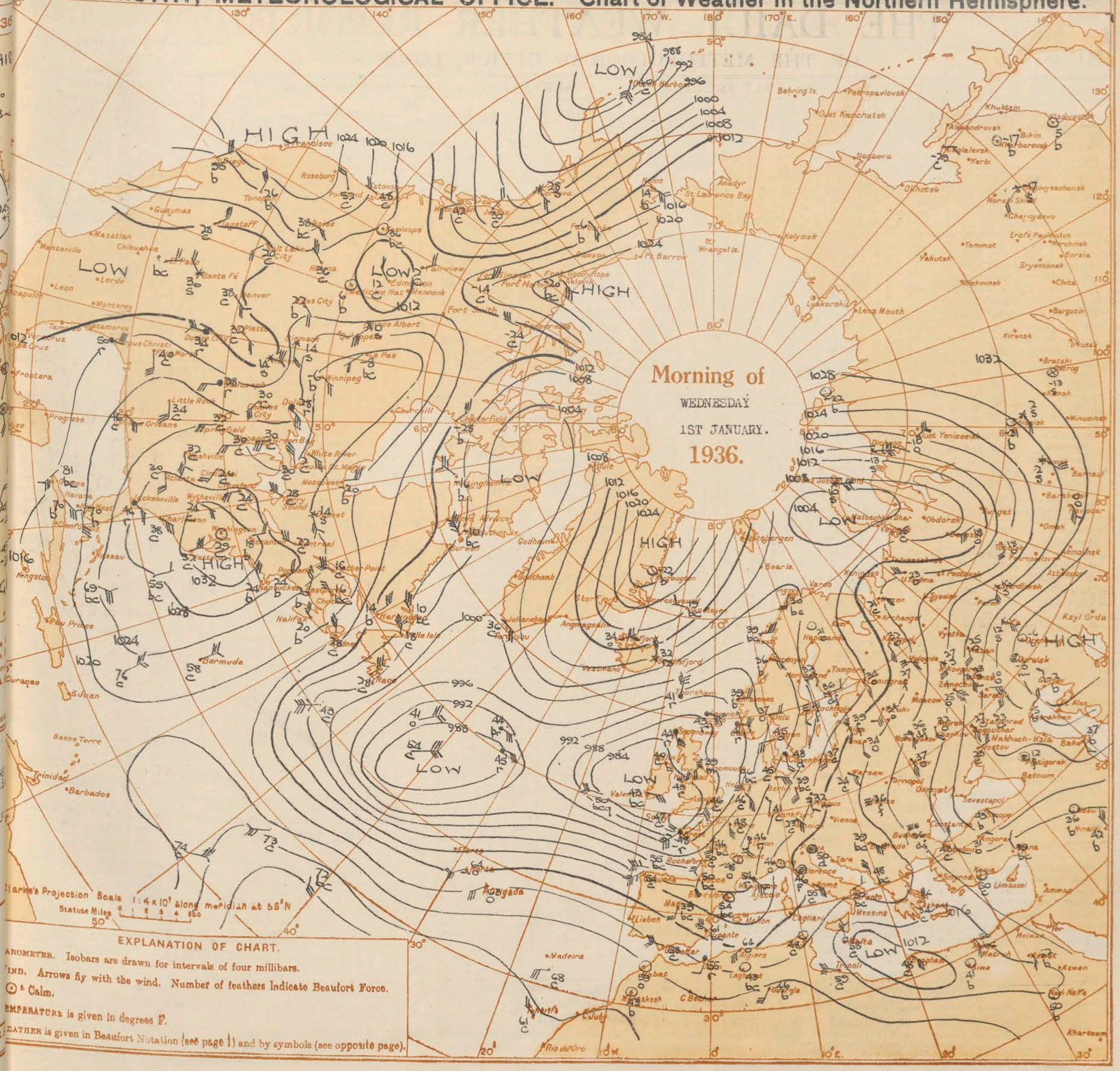
Rain spreading eastwards to all districts.

Forecasts issued at 1015 G.M.T.

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

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

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



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 1st January 1936

No. 27068

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

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	992·2	-14	S	3	c/r	48	85	8	5	-	-	9	9	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	994·8	-14	S	4	c3o	46	95	6	5	-	-	9	9	1500
	Manston ...	142	994·8	-8	SSW	4	bc	46	95	7	5	-	-	4-6	4-6	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	994·2	+2	S'E	3	c	44	95	6	5	-	-	9	9	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	985·5	-40	SSE	6	rr	49	95	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	984·7	-12	S'E	3	bc	46	85	8	4	-	-	2-3	2-3	2500
	Scilly (St. Mary's)	163	983·9	-8	SSW	~~4~~ 3	c	45	85	8	8	-	-	7-8	7-8	2500
	Guernsey ..	175	988·4	-32	SW	5	ir	48	95	6	5	-	-	10	10	1500
6	Pembroke ...	142	984·1	-8	SE	3	c/r	43	95	7	5	-	-	9	9	2500
7	Holyhead ...	26	985·2	-4	S'E	3	c	45	85	8	5	-	-	10	10	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	990·5	0	SSW	4	bc	41	95	6	-	2	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	987·4	+8	SW	3	bc	42	85	6	2	-	-	4-6	4-6	2500
11	Inchkeith ...	190	985·7	-18	SSE	2	c	43	95	6	4	2	-	4-6	9	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	986·1	+2	S'W	3	bc	42	95	8	4	-	-	2-3	2-3	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	983·5	0	E	3	rr	44	95	7	8	7	-	4-6	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	984·7	-6	ESE	3	rr	44	95	7	6	2	-	7-8	10	1500
16	Lerwick ...	156	989·7	-10	ESE	5	rr	44	95	6	6	-	-	10	10	450
17	Blacksod Point	18	982·0	+6	SE	2	bc	43	85	8	3	-	-	4-6	4-6	1500
18	Malin Head ...	52	982·5	+4	S	2	b	39	95	7	4	-	-	1	1	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	980·8	-2	S	2	bc	49	85	8	4	-	-	2-3	2-3	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	987·6	-14	S	3	c3o	47	85	6	5	-	-	7-8	7-8	1500	1	*
	Croydon ...	987·9	-16	SSW	4	c/r	46	95	6	5	7	-	4-6	9+	1500	1	*
	S. Farnborough	987·5	-4	S'E	2	ir	45	95	7	5	3	-	7-8	9	1500	1	*
	Boscombe Down	986·2	-2	S'W	4	c/r	45	95	7	5	-	-	9	9	800	1	*
	Calshot (Sthmtn.)	987·9	0	SSE	5	bc	47	95	7	8	7	-	4-6	4-6	1500	1	3
	Lympne ...	990·5	-18	S	4	ir	47	95	7	5	-	-	10	10	1500	1	§4
	Manston ...	990·0	-24	SSE	5	rr	47	95	7	6	2	-	9	10	800	1	*
2	Shoeburyness ...	988·9	-18	SE	4	c	46	95	8	6	2	-	7-8	10	450	1	*
	Felixstowe ...	990·3	-24	SE'S	5	rr	45	95	6	6	2	-	9+	10	800	1	3
	Gorleston ...	990·9	-26	SE'S	5	c	44	95	6	5	-	-	9+	9+	2500	1	2
	Mildenhall ...	988·1	-20	SSW	3	rr	46	95	6	6	-	-	10	10	800	1	*
	Cranwell ...	987·8	-24	SE'E	4	rr	43	95	6	6	2	-	7-8	10	1500	1	*
3	Birmingham ...	985·3	-10	S	3	c	43	95	8	6	2	-	7-8	10	800	1	*
	Upper Heyford	986·5	-8	S	4	r.r.	44	95	6	6	2	-	7-8	10	1500	1	*
4	Ross-on-Wye	985·3	0	S	1	c	43	95	7	5	-	-	7-8	7-8	2500	1	*
5	Portland Bill ...	985·6	+4	SSW	5	c	49	95	7	4	-	-	7-8	7-8	2500	2	4
	Plymouth ...	984·3	-6	S'E	4	c	48	95	8	5	-	-	7-8	7-8	1500	1	3
	The Lizard ...	982·5	-10	SSE	4	c	47	95	8	8	-	-	7-8	7-8	2500	1	3
	Scilly (St. Mary's)	981·6	-4	SSE	2	c/pr	47	85	8	8	-	-	9+	9+	1500	1	2
	Guernsey ..	987·5	-4	SSW	5	rr	46	95	6	5	-	-	10	10	1500	2	4
6	Pembroke ...	983·3	-2	-	0	c	45	85	7	8	-	-	7-8	7-8	2500	1	2
7	Holyhead ...	984·0	-10	E	2	r.r.	43	95	7	5	-	-	10	10	1500	1	2
	Chester (Sealand)	984·2	-30	NNE	2	RR	43	95	5	-	2	-	10	10	800	1	*
8	Manchester ...	983·9	-32	ESE	4	r.r.	46	95	5	6	2	-	4-6	10	1500	2	*
10	Spurn Head ...	988·0	-8	SSE	5	ir	43	95	7	6	2	-	4-6	10	1500	1	4
	Catterick ...	988·0	-14	-	0	rf	37	95	2	-	-	-	10	10	4150	1	*
	Tynemouth ...	988·3	0	SW	2	cm	39	95	4	5	-	-	10	10	1500	1	1
11	Inchkeith ...	988·1	+14	SSW	2	bc	42	95	8	5	-	-	4-6	4-6	2500	0	1
	Leuchars ...	987·9	+16	-	0	bc	35	95	7	5	3	-	2-3	4-6	2500	1	*
12	Renfrew (Abbots I.)	987·1	+8	-	0	c3o	38	95	5	5	-	-	9+	9+	2500	1	*
	Eskdalemuir ...	986·9	-4	NW	1	c	39	95	6	-	1	-	0	9	-	1	*
	Point of Ayre ...	985·8	0	SSE	3	o	44	95	7	5	-	-	10	10	1500	1	2
13A	Tiree	984·8	+4	S	2	c	39	95	7	5	2	-	9	10	1500	1	*
13B	Stornoway ...	984·2	+6	SE	2	rr	43	95	7	5	2	-	4-6	10	1500	1	2
15	Dalwhinnie ...	987·3	+12	S	1	c	38	85	7	4	2	-	4-6	10	2500	1	*
	Aberdeen ...	987·6	+20	S'W	2	b	40	95	7	-	-	-	0	0	-	1	1
	Wick ...	985·5	+8	SSE	3	rr	44	95	7	6	2	-	7-8	10	1500	1	3
16	Lerwick ...	989·6	0	ESE	5	ir	43	95	6	6	2	-	7-8	10	800	1	*
17	Blacksod Point	983·9	+6	-	0	b	38	95	8	2	-	-	1	1	1500	1	4
18	Malin Head ...	984·3	+8	S	1	c	40	95	7	5	-	-	9+	9+	2500	1	1
	Aldergrove ...	985·1	0	E	2	c	36	95	7	8	-	-	7-8	7-8	1500	1	*
19	Birr Castle ...	984·2	+2	S'E	1	bc	31	95	8	5	-	-	4-6	4-6	2500	1	*
20	Valentia Obsy. †	981·7	+6	E'N	3	bc	43	75	8	5	-	-	2-3	2-3	2500	1	3
	Roches Point	983·8	+6	SE	3	c	43	95	8	5	-	-	7-8	7-8	1500	1	4

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Night 18h–7h mm. (35)	Sunshine Hrs. (36)
1	London (Kew)	50	47	42	7	2	0·0
	Croydon ...	50	46	44	12	6	0·0
	S. Farnborough	50	45	41	8	4	0·0
	Boscombe Down	50	43	41	6	10	1·1
	Calshot (Sthmtn.)	50	46	44	9	0·5	0·0
	Lympne ...	47	44	42	10	1	0·0
	Manston ...	45	45	42	4	1	0·0
2	Shoeburyness ...	49	44	38	4	1	0·0
	Felixstowe ...	47	42	39	7	1	0·0
	Gorleston ...	50	42	39	5	-	0·0
	Mildenhall ...	50	44	40	3	1	0·0
	Cranwell ...	49	40	34	2	0·6	0·0
3	Birmingham ...	50	41	39	3	4	0·3
	Upper Heyford	50	43	38	5	4	*
4	Ross-on-Wye	55	43	36	2	6	0·5
5	Portland Bill ...	50	47	*	3	2	*
	Plymouth ...	51	44	42	1	9	1·1
	The Lizard ...	52	43	*	-	12	*
	Scilly (St. Mary's)	52	44	*	2	5	3·1
	Guernsey ..	51	46	41	8	4	0·8
6	Pembroke ...	50	42	*	1	1	1·4
7	Holyhead ...	51	43	41	4	5	2·2
	Chester (Sealand)	51	40	34	1	12	0·9
8	Manchester ...	51	42	36	2	4	0·3
10	Spurn Head ...	45	40	*	2	Tr	0·0
	Catterick ...	46	36	31	4	0·6	0·0
	Tynemouth ...	45	39	33	4	-	0·0
11	Inchkeith ...	42	41	32	3	0·3	0·0
	Leuchars ...	44	35	28	4	Tr	0·0
12	Renfrew (Abbots I.)	45	37	321	6	0·5	0·0
	Eskdalemuir ...	44	38	36	4	1	0·0
	Point of Ayre ...	50	40	*	6	2	0·2
13A	Tiree	45	36	34	5	0·4	0·0
13B	Stornoway ...	44	42	*	-	3	0·0
15	Dalwhinnie ...	40	33	30	5	0·1	0·0
	Aberdeen ...	44	37	30	2	5	0·0
	Wick ...	46	43	*	0·1	7	*
16	Lerwick ...	46	40	*	1	2	0·0
17	Blacksod Point	48	36	*	1	1	*
18	Malin Head ...	47	36	*	3	-	0·0
	Aldergrove ...	47	33	30	5	0·2	0·0
19	Birr Castle ...	50	30	24	-	-	2·7
20	Valentia Obsy. †	49	43	38	3	0·2	1·1
	Roches Point	50	42	*	3	1	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Afternoon.	Night.	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Night. mm.	Sunshine % Sunset hrs. (Yesterday.)	Humidity. 14h. G.M.T. % (Yesterday.)	9h. G.M.T. % (To-day.)	Visibility 9h.
KEW	18	c.r.r.r.	cr.bm.	cr.m.	50	47	42	7	2	0·0	•	•	6
CROYDON	217	cr.c.r.m.	r.r.Rbc	cr.bc.r.r	50	46	44	12	6	0·0	•	•	6
GREENWICH (Royal Observatory) ...	149	rr	r.r.c.b	bc.pr.r.c	50	45	42	6	4	0·0	91	85	6
CITY (Bunhill Row)	—	•	•	•	•	•	•	•	•	0·0	•	•	•
WESTMINSTER (St. James' Park) ...	27	•	•	•	52	47	41	8		0·0	89	83	•
REGENTS PK. (Botanic Gardens)‡ ...	168	•	•	•	52	46	44	8	Tr	0·0	93	85	•
CAMDEN SQUARE	110	cr	cp	•	50	47	40	7	2	•	•	86	•
KENSINGTON	80	c.r.c.c	c.a.p	•	51	47	40	6	3	0·0	At 18h.	86	•
HAMPSTEAD OBSERVATORY	450	o.r	a.r.b.c	b.c.a.r	48	43	32	7	3	0·0	•	97	•

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 31st December. Barom. mb.	Wind. Direc.	Force.	Weather.	Temp. °F.	7h. G.M.T. 1st January. Barom. mb.	Wind. Direc.	Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Night mm.
PARIS	1002·1	SSW	5	c	48	995·8	S	3	c	48	52	46	0·5	3
BRUSSELS	999·3	SSW	5	r.r.	48	995·1	SSE	4	bc	46	50	45	2.	0·2
BERLIN	1007·5	SW	3	c	45	1006·5	S'E	3	c	39	50	37	0·1	-
ZURICH	1013·6	ESE	1	c	37	1007·6	NE	1	c	36	48	34	-	-
ROME	1015·1	WNW	1	bc	59	1012·7	SE	3	c	55	x	x	-	-

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.	Kew Observatory. Max.	Time.	Min.	Time.
0·6	19h 31st	0·0	3-5h 1st	0·2	18h 31st	<0·1	0-6h 1st

EXPLANATION OF FIGURES, LETTERS, etc.

COLUMNS 2, 13.
The barometric tendency is expressed in tenths of a millibar.

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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, 2nd JANUARY, 1936

No. 27069

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	987·8	−8	S'E	2	ir_o	47	95	6	6	2	–	10	10	1500
	Croydon ...	987·9	−10	S'W	3	ir_o	48	86	6	6	2	–	7-8	9+	1500
	S. Farnborough	987·0	−12	SE'S	2	c/r	47	95	6	5	7	–	9	9+	1500
	Boscombe Down	988·9	−10	SE'E	3	$r_o r_o$	45	95	6	6	2	–	10	10	800
	Calshot (Sthmtn.)	986·4	−14	ESE	4	id_o	48	95	7	6	7	–	7-8	10	1500
	Lympne ...	990·2	−10	S	5	c	47	85	7	5	7	–	7-8	9+	1500
	Manston ...	990·0	−10	S'W	5	c	48	85	7	8	–	–	7-8	7-8	1500
2	Shoeburyness ...	989·8	−4	S'E	4	c	48	86	8	8	–	–	9+	9+	1500
	Felixstowe ...	990·5	0	SSE	3	bc	46	85	7	5	3	–	4-6	4-6	2500
	Gorleston ...	990·1	+4	S	5	bc	48	85	6	4	–	3	2-3	4-6	2500
	Mildenhall ...	988·8	+4	SW	3	cz_o	48	85	6	5	7	2	1	7-8	2500
	Cranwell ...	987·6	+2	SSE	3	ir_o	45	95	6	6	2	–	9	9+	1500
3	Birmingham ...	987·2	+2	SSW	2	bc	46	75	6	5	7	–	2-3	4-6	2500
	Upper Heyford	987·3	+2	SSE	3	cz_o	46	95	6	8	3	–	9	9+	800
4	Ross-on-Wye	986·6	0	W	1	bc/pr	45	95	9	8	–	2	2-3	4-6	2500
5	Portland Bill ...	983·9	−18	SE	4	pr	48	95	7	5	–	–	10	10	1500
	Plymouth ...	984·7	+6	N	1	c	49	85	8	8	3	–	7-8	9	2500
	The Lizard ...	986·3	+10	W	3	c	50	95	8	8	6	–	4-6	7-8	2500
	Scilly (St. Mary's)	985·4	+14	WNW	3	bc/pr	51	85	8	8	–	3	4-6	4-6	2500
	Guernsey ...	983·2	−22	WSW	6	c/r	50	95	7	8	–	–	9+	9+	1500
6	Pembroke ...	984·6	+2	ESE	2	bcz_o	47	95	6	7	7	–	2-3	4-6	4000
7	Holyhead ...	985·6	+10	–	0	c	44	95	7	5	2	–	7-8	10	4000
	Chester (Sealand)	986·2	+6	–	0	cm	44	95	4	5	–	–	9+	9+	~~2500~~
8	Manchester ...	985·7	+18	WSW	2	cz_o	44	95	5	6	2	–	4-6	10	800
10	Spurn Head ...	987·1	−2	SSW	4	c	42	95	7	5	2	–	4-6	9	1500
	Catterick ...	984·3	−12	SSE	3	cz_o	43	96	6	5	–	–	10	10	1500
	Tynemouth ...	985·2	−24	SE	4	$r_o r_o$	43	95	6	6	–	–	10	10	1500
11	Inchkeith ...	987·9	−4	NE	3	rf	40	93	3	6	–	–	10	10	800
	Leuchars ...	987·9	−2	N	1	cz_o	37	95	5	6	2	–	2-3	10	2500
12	Renfrew (Abbots I.)	988·6	+2	NE'N	2	rr	40	95	4	6	–	–	10	10	800
	Eskdalemuir ...	985·4	−26	NNE	4	rr	39	95	6	6	2	–	7-8	10	800
	Point of Ayre ...	986·2	+2	NE	3	c	42	85	8	9	2	–	2-3	10	1500
13a	Tiree ...	987·2	+18	SE'E	1	c	46	95	8	5	7	–	9+	10	2500
13b	Stornoway ...	987·5	+8	S	1	c	45	95	8	5	7	–	4-6	7-8	1500
15	Dalwhinnie ...		+4	N	1	c	35	95	7	4	1	–	4-6	10	2500
	Aberdeen ...	988·9	+2	–	0	f	38	95	3	–	7	7	0	10	–
	Wick ...	988·3	+4	ESE	1	c	44	95	7	8	7	–	4-6	7-8	1500
16	Lerwick ...	990·0	+2	E	4	c	43	85	7	8	2	–	7-8	9+	800
17	Blacksod Point	986·5	+16	E	1	b	43	95	8	–	–	–	0	0	–
18	Malin Head ...	985·9	+4	SW	1	c	42	95	7	7	8	–	4-6	7-8	2500
	Aldergrove ...	986·5	+2	–	0	c/f	39	95	5	8	–	–	7-8	7-8	2500
19	Birr Castle ...	987·2	+8	NNW	1	c	33	95	8	5	–	–	7-8	7-8	2500
20	Valentia Obsy. ‡	985·0	+10	NE'N	2	c/pr	46	95	8	5	–	–	9+	9+	1500
	Roches Point	986·1	+8	E	3	c/r	46	95	7	6	2	9	4-6	9	1500

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

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)	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)	986·7	−6	ENE	1	rr	47	95	4	6	2	–	7-8	10	800	1	*
	Croydon ...	986·5	−8	SSE	3	c/d	47	95	6	6	–	–	9+	9+	1500	1	*
	S. Farnborough	986·2	−2	E	1	o/r	46	95	5	5	–	–	10	10	1500	2	*
	Boscombe Down	986·7	+10	NNE	1	cz_o	44	95	6	5	–	–	9	9	1500	1	*
	Calshot (Sthmtn.)	986·3	+10	NW'W	3	ir_o	47	95	4	6	2	–	9	10	450	1	2
	Lympne ...	988·5	−8	S	4	$r_o r_o$	47	95	6	6	2	–	7-8	10	1500	1	§ 5
	Manston ...	988·6	−10	S	4	ir	48	85	7	6	2	–	9	10	800	1	*
2	Shoeburyness ...	988·2	−10	SSE	3	c	46	95	7	8	–	–	9+	9+	1500	1	*
	Felixstowe ...	989·6	−10	SE	4	rr	45	95	6	6	2	–	7-8	10	1500	1	3
	Gorleston ...	990·1	−4	SSE	3	ir_o	44	95	6	6	–	–	10	10	2500	1	3
	Mildenhall ...	988·2	−2	S	2	cz_o	46	95	6	5	3	–	2-3	9+	2500	1	*
	Cranwell ...	988·8	+8	–	0	c	40	95	7	8	3	–	4-6	7-8	2500	1	*
3	Birmingham ...	988·1	+4	SSW	1	c m	44	85	4	–	3	–	0	9+	–	1	*
	Upper Heyford	987·4	+2	NE	2	c/r	43	95	6	5	7	–	7-8	9+	1500	1	*
4	Ross-on-Wye	987·7	+8	WSW	1	cm	43	95	4	5	–	–	9+	9+	4000	1	*
5	Portland Bill ...	987·5	+32	NW	3	bc	47	95	7	4	–	–	2-3	2-3	2500	1	4
	Plymouth ...	988·1	+20	SW'S	2	c/r	47	95	7	5	–	–	7-8	7-8	2500	1	2
	The Lizard ...	988·5	+24	W	3	c/pr	47	95	8	8	4	–	9	9+	2500	1	3
	Scilly (St. Mary's)	988·1	+12	W'N	5	c	49	95	7	8	–	–	7-8	7-8	1500	1	3
	Guernsey ...	989·4	+30	W	3	bc	48	95	6	5	–	–	4-6	4-6	2500	2	3
6	Pembroke ...	986·6	+8	E'N	1	bcz_o	42	95	6	5	–	–	4-6	4-6	2500	1	2
7	Holyhead ...	987·2	+10	–	0	c	43	95	6	5	–	–	9+	9+	4000	1	6
	Chester (Sealand)	988·0	+6	W'N	1	bcm	39	85	4	5	–	–	4-6	4-6	4000	1	*
8	Manchester ...	987·5	+10	WNW	3	bcm	38	95	4	5	–	6	Tr	4-6	2500	1	*
10	Spurn Head ...	988·0	+4	S	2	c	42	95	6	5	2	–	4-6	10	1500	1	1
	Catterick ...	986·5	+14	SSW	2	c	41	85	8	2	–	–	7-8	7-8	2500	1	*
	Tynemouth ...	985·4	+4	SW	2	o	43	95	6	6	–	–	10	10	1500	1	2
11	Inchkeith ...	985·9	−12	N	3	rr	41	95	7	6	–	–	10	10	1500	1	2
	Leuchars ...	986·4	−10	NNE	1	$r_o r_o$	42	95	6	6	2	–	9	10	450	1	*
12	Renfrew (Abbots I.)	987·8	−2	NNW	2	rr	39	95	5	6	–	–	10	10	800	1	*
	Eskdalemuir ...	985·2	+2	N	2	c	39	95	7	5	2	–	4-6	10	1500	1	*
	Point of Ayre ...	986·7	+4	W	3	c	43	95	8	8	–	–	10	10	1500	1	2
13a	Tiree ...	987·9	+4	NE'E	2	c	42	95	8	5	3	–	2-3	9+	2500	1	3
13b	Stornoway ...	988·4	+6	N	1	c	42	95	7	8	7	–	4-6	9+	1500	1	1
15	Dalwhinnie ...	989·3	+2	N	1	c	34	95	7	4	1	–	4-6	10	2500	1	*
	Aberdeen ...	988·1	−8	N'E	2	rr	41	95	6	5	–	–	10	10	800	1	1
	Wick ...	989·3	+8	SE	1	bc	41	95	6	4	–	–	2-3	2-3	1500	1	1
16	Lerwick ...	992·9	+12	E'N	3	c	44	85	8	5	2	–	4-6	9	1500	1	*
17	Blacksod Point	987·8	+2	W	1	b	37	95	8	–	–	–	0	0	–	1	4
18	Malin Head ...	986·8	+4	S	1	c	40	95	7	8	–	–	9+	9+	2500	1	1
	Aldergrove ...	987·6	+8	–	0	f	37	95	2	5	–	–	10	10	<150	1	*
19	Birr Castle ...	987·8	+6	NNW	1	f	35	95	3	5	–	–	10	10	2500	1	*
20	Valentia Obsy. ‡	985·7	+2	ENE	2	c	45	85	9	5	–	–	9+	9+	1500	1	2
	Roches Point	986·7	+4	E	2	ir_o	45	95	8	6	–	–	9	9	1500	1	4

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)	$ccr_o r$	$cm_o rr$	$cr_o m$	$cr_o m_o$
	Croydon ...	$cpr_o ir_o$	$r_o ddd_o$	$r_o fc$	$cr_o r_o m$
	S. Farnborough	$cir_o r$	$r_o rr m_o$	$oid_o mcm$	$cci r_o m_o$
	Boscombe Down	$crrm_o$	$cr_o r_o$	cm_o	$cm rr$
	Calshot (Sthmtn.)	$bccr_o id_o$	$cdo rrm$	$cirmcpr$	$cPRc$
	Lympne ...	$cbcc$	$pr_o rr r_o$	$crrr c$	$cirRmc$
	Manston ...	$cir_o bc$	$cbccir$	$cr_o rr ir$	$cpr_o R$
2	Shoeburyness ...	$cprbc$	$r_o r_o c$	$cr_o r_o$	$cr_o r_o$
	Felixstowe ...	$crir_o bc$	$cr_o rrr$	$crrirm_o$	$cbcc$
	Gorleston ...	$orbcq$	$bcoir_o$	$oirir_o$	$oir_o z$
	Mildenhall ...	$orr_o r_o c$	$cd_o m_o$	$omr_o o$	$or_o r_o cm$
	Cranwell ...	$cddrr$	$ir_o bc$	bcm_o	bmf
3	Birmingham ...	cbc	$bccm$	$cbff$	bfo
	Upper Heyford	$r_o r_o cr_o$	cr_o	cf	$for_o m$
4	Ross-on-Wye	$cbcup_o$	$bcm_o cm$	$cmbf Fbf$	$fedfofe$
5	Portland Bill ...	upr_o	bc	ofc	orr
	Plymouth ...	c	$cpr_o mr$	cir	$cRm r_o$
	The Lizard ...	$cbcc$	$cprc$	$cpr_o o$	$oprc$
	Scilly (St. Mary's)	$cp_o q$	$cp_o q$	$cp_o c$	$circ$
	Guernsey ...	$orcir$	$cirbc$	cir_o	$cor R$
6	Pembroke ...	$cpr_o bcm_o$	$bcobc$	$cm_o iro$	$cmjrc$
7	Holyhead ...	$cid_o r_o$	$cd_o bc$	$cbcm_o$	$bcm_o c$
	Chester (Sealand)	$crrd_o m$	cm	cf	fff
8	Manchester ...	$ir_o mm_o$	$cbcmw$	$bccff$	$cbcff$
10	Spurn Head ...	prc	c	$coff$	$ffwbc$
	Catterick ...	$frrr_o r_o$	$om_o cbc$	bc	bc
	Tynemouth ...	$omir$	$or_o r_o o$	oco	o
11	Inchkeith ...	$bccrf$	$rfrr$	$ircifz$	$zz_o o$
	Leuchars ...	$xcfcm_o$	$cr_o r_o rr$	$or_o rdd$	om_o
12	Renfrew (Abbots I.)	$cmifd_o rr$	$cifm rr$	$cmrrr_o r_o$	$cmrrr_o r_o$
	Eskdalemuir ...	$r_o rsr$	$rr_o c$	$d_o d_o c$	$cbcff$
	Point of Ayre ...	$opr_o o$	$or_o r$	occ	co
13a	Tiree ...	c	bcc	$bccbc$	$bccir$
13b	Stornoway ...	crr	c	cbc	bcc
15	Dalwhinnie ...	c	c	$*$	is
	Aberdeen ...	$bxffc$	$cforr$	$crrm_o$	$om_o r_o$
	Wick ...	$crrc$	cbc	$cr_o r_o$	$cr_o rc$
16	Lerwick ...	$cir m_o r_o$	c	cpr_o	$cirdm_o$
17	Blacksod Point	bc	bc	bc	prf
18	Malin Head ...	bcc	cbc	$zcoc$	$cifor$
	Aldergrove ...	$cjmfm_o m$	$cm_o fofof$	of	of
19	Birr Castle ...	bcc	$coff$	off	$ffbcx$
20	Valentia Obsy. ‡	$bcpr_o c$	$cbcc$	$cbcb$	$bwbx$
	Roches Point	$cocc$	ccr_o	$cir_o c$	cbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
ip, 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 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).

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.

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.*

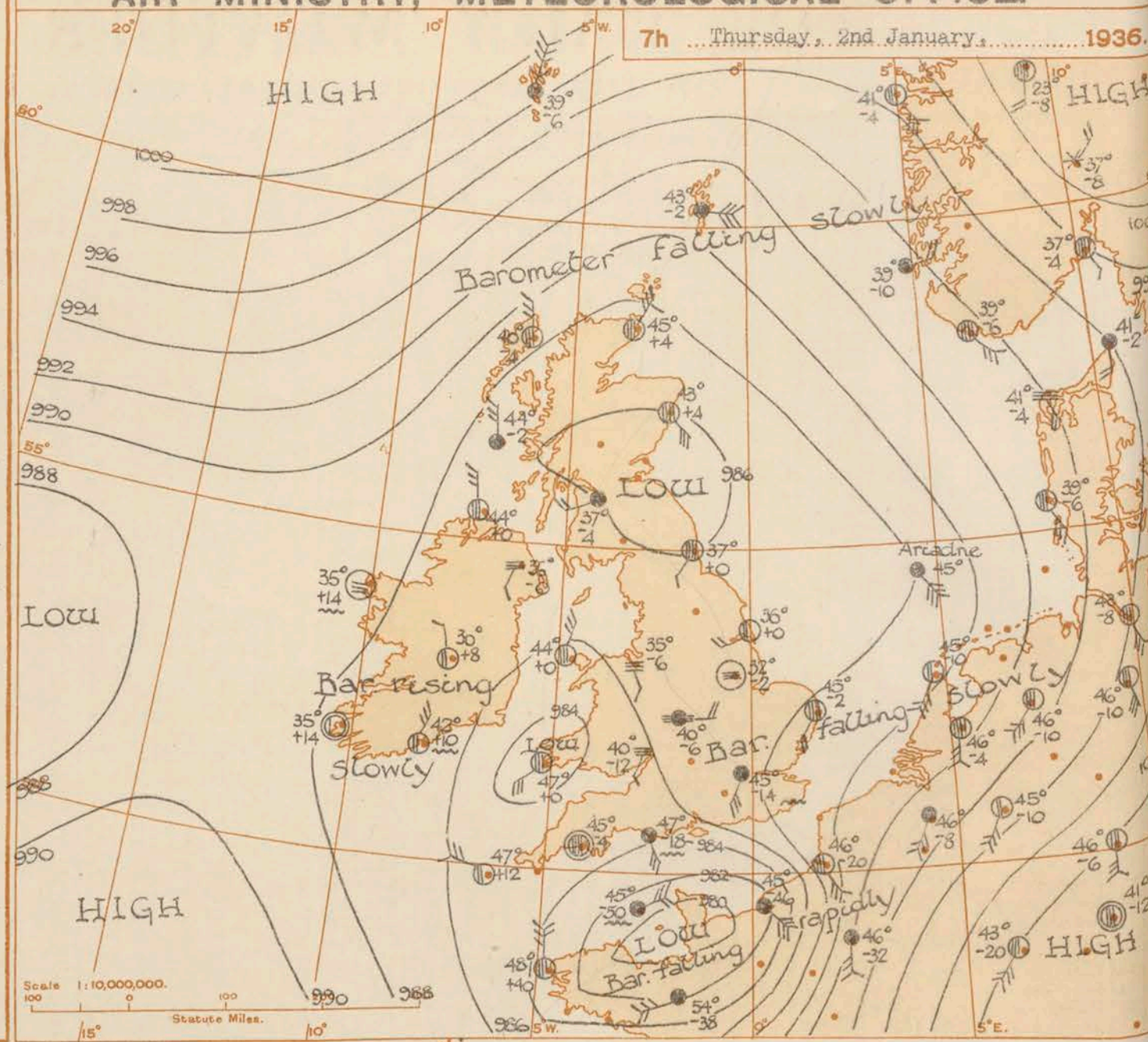
‡ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 1st January 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.	opR	ordrd	45	47	3	3	0·0
	Bournemouth.	oco	orr	45	48	2	9	0·2
	Ventnor ...	poc	rcor	45	49	0·3	5	0·2
	Southsea ...	copo	ord	46	49	0·5	1	0·0
	Bognor Regis	cirbc	oir	46	49	4	2	0·1
	Littlehampton	bccrc	coro	46	49	3	4	0·0
	Worthing ...	crcbc	cir	46	49	5	3	0·6
	Brighton ...	cr	cbc	47	49	7	2	0·3
	Eastbourne† ..	bcco	oro	46	49	3	0·6	0·3
	Hastings† ...	bcbcc	oppopo	47	50	1	1	1·5
	Folkestone ...	orcbc	bccor	46	50	0·5	1	2·4
	Dover... ...	bc	bcoir	46	50	0·5	1	3·1
	Deal	ocbc	cor	46	50	1	1	2·0
	Ramsgate ...	cbc	bccro	46	49	1	1	1·4
	Margate ...	cbc	bccr	46	49	1	1	1·5
2	Southend ...	cbcc	cor	44	50	1	2	1·1
	Maldon ...	rcir	cor	44	49	2	2	0·4
	Clacton-on-Sea	cpbc	bcoir	42	47	1	1	1·7
	Dovercourt ...	rbcc	bcroc	44	48	2	1	1·7
	Lowestoft ...	proc	bccdo	43	49	3	Trace	1·7
	Skegness ...	orobc	bcobc	41	46	4	0·2	0·1
	Mablethorpe ..	orqcbc	bcc	40	47	5	Trace	0·7
	Cleethorpes ...	or	obcc	39	47	4	3	0·5
3	Leamington S.	od	ot	43	48	2	0·1	0·3
4	Cheltenham† ..	ompc	cirm	42	48	4	1	0·3
5	Bath	bccro	cro	45	48	4	1	0·6
	Weymouth ...	circ	c	43	49	4	2	0·0
	Jersey ...	crc	crbcr	46	50	6	3	0·3
	Torquay ...	bccdp	bbcm	43	51	6	0·2	1·4
	Penzance ...	cbcb	cbcpc	44	52	8	1	2·7
	St. Ives ...	c	pr	43	52	9	Trace	3·4
	Bude	pcbc	bcm	41	48	6	-	0·7
	Ilfracombe ...	rocbc	cbcz	42	49	3	-	0·9
6	Aberystwyth	prc	bcc	43	48	-	-	2·1
7	Llandudno ...	cbcc	cbcc	42	44	4	-	0·1
	Colwyn Bay...	oobcc	ccomo	40	45	7	-	0·2
	Rhyl	cmo	cmo	42	45	4	-	0·0
8	Wallasey ...	rc	btc	41	43	14	0·3	0·0
	Southport‖ ...	o	ocbcc	41	42	15	-	0·2
	Blackpool ...	Rc	c	40	42	15	-	1·0
	Morecambe ...	rrcc	c	40	48	9	1	0·0
9	Ilkley... ...	ormo	rooccc	38	44	5	2	0·0
	Harrogate ...	crorc	c	39	43	4	1	0·0
10	Berwick-on-T.	orrq	qrro	37	44	Trace	7	0·0
11	Dunbar ..	crr	cro	38	44	0·3	7	0·0
12	Troon... ...	obcc-	r	41	45	-	7	0·0
	Douglas ...	omjd	omo	42	43	5	0·5	0·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.
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 January, 1936.
1. S.E. England ♣ 2. E. England ♣ 3. E. Midlands	Wind east to northeast, strong inland, a gale on the coast, backing and decreasing; continuous rain, heavy on the coast this afternoon, and probably again tomorrow; rather mild.
4. W. Midlands 5. S.W. England 6. South Wales	Wind variable moderate, becoming southerly fresh tomorrow; occasional rain to-day, becoming continuous tonight; rather mild.
7. North Wales 8. N.W. England 9. N Midlands	Wind variable light to moderate, probably southerly tomorrow; occasional rain; local fog inland night and morning; average temperature.
10. N.E England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind variable light to moderate; occasional rain; local fog inland night and morning; average temperature.
13. A. W Scotld. B. N.W. Scotland.	Wind north to northeast moderate to fresh; occasional rain; average temperature.
14. Mid Scotland	As 10 - 13A.
15. N.E. Scotland 16 Orkney and Shetland	As 13B.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind variable light to-day, freshening from south tomorrow; fair this afternoon, rain becoming continuous tonight; local fog inland tonight; average temperature becoming milder.

GENERAL INFERENCE.

Shallow depressions over South Wales and East Scotland are filling up. A deep depression over Brittany is moving eastwards while another west of Ireland is spreading east. Rain will occur in most districts and be continuous at times in the South and West.

FURTHER OUTLOOK.

Rain at times in most districts.

Time of issue of Gale Warning.

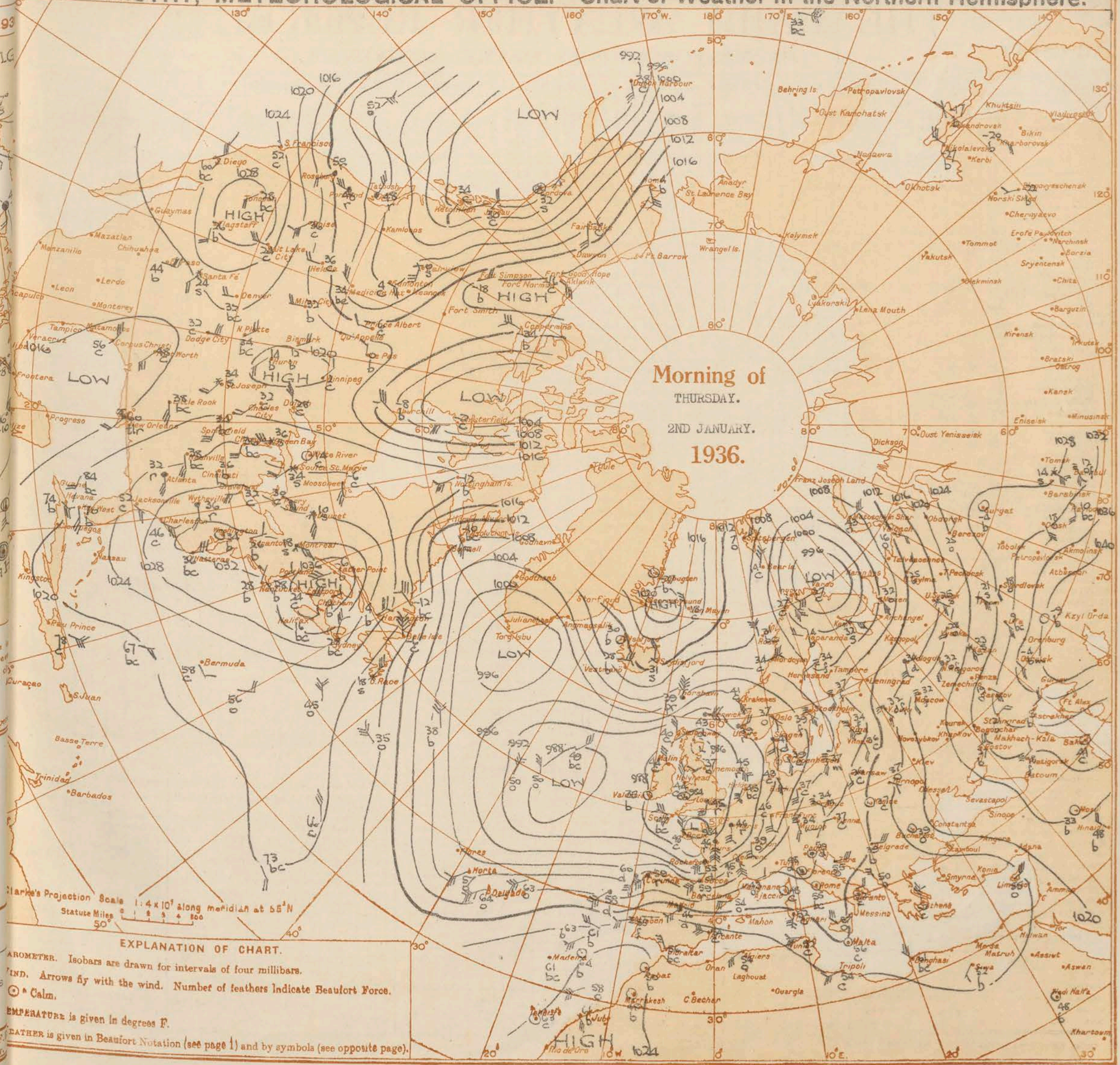
♣ North Cone hoisted at 0840 on 2nd in districts 1 and 2(part of).

Forecasts issued at 1005 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

THURSDAY, 2nd. JANUARY, 1936

No. 27069

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

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	988·7	+8	SW's	2	c	45	95	7	5	–	–	9+	9+	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	990·0	+18	WSW	3	c	45	95	7	5	2	–	7-8	10	1500
	Manston ...	142	989·1	+32	WSW	4	c/r	46	95	7	5	–	–	9+	9+	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	987·2	-10	–	0	ir	44	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	987·9	-12	W	4	bc	48	95	7	4	–	–	4-6	4-6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	986·3	-24	SSW	4	0	49	85	7	5	–	–	10	10	1500
	Scilly (St. Mary's)	163	985·0	-26	SW	3	c	48	95	7	5	–	–	9+	9+	2500
	Guernsey ..	175	991·3	+4	SSW	2	0	48	85	6	5	–	–	10	10	2500
6	Pembroke ...	142	983·6	-16	S	3	ir	47	95	7	5	–	–	10	10	1500
7	Holyhead ...	26	986·2	-10	–	0	c	41	95	6	5	–	4	2-3	7-8	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	987·1	-2	NW	4	o/f	40	95	3	5	–	–	10	10	<150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	986·2	0	S	2	0	40	95	6	5	–	–	10	10	1500
11	Inchkeith ...	190	985·6	-6	SW	2	am	40	95	4	5	–	–	10	10	800
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	987·1	+2	NNW	2	bc	40	95	7	5	–	–	4-6	4-6	1500
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	985·6	0	NE	2	bc	42	95	8	6	7	–	2-3	4-6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	988·2	-18	NE	4	r	44	95	7	8	2	–	7-8	10	1500
16	Lerwick ...	156	992·0	-8	ENE	3	c	43	95	7	5	–	–	9	9	800
17	Blacksod Point	18	987·9	0	W	1	b	34	95	8	–	–	–	0	0	–
18	Malin Head ...	52	986·6	-6	S	1	if	39	95	6	8	–	–	9+	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	984·9	-6	SE	1	b	40	95	8	–	–	–	0	0	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	986·4	-6	S	2	o/r	45	95	6	5	–	–	10	10	1500	1	*
Croydon ...	986·6	-14	SW	3	ir	45	95	6	5	2	–	4-6	9+	2500	1	*
S. Farnborough	986·0	-18	SE	1	c/r	44	95	6	5	–	–	9	9	1500	2	*
Boscombe Down	985·1	-12	SE'S	2	c	43	95	7	5	–	–	10	10	2500	1	*
Calshot (Sthmtn.)	985·6	-20	ESE	2	c	46	95	8	5	7	–	7-8	10	2500	1	2
Lympne ...	988·7	-10	SSW	3	c	45	95	7	5	2	–	7-8	10	1500	1	4
Manston ...	~~987·6~~ 988·1	-10	SW'W	4	c/r	46	95	7	5	7	–	2-3	9+	1500	1	*
Shoeburyness ...	988·0	-6	S'W	3	rr	45	95	7	8	2	–	7-8	10	1500	1	*
Felixstowe ...	988·1	-6	S'E	3	c	43	95	7	5	7	–	4-6	9+	2500	1	2
Gorleston ...	988·3	-2	SSW	2	0	45	95	5	6	–	–	10	10	1500	1	3
Mildenhall ...	987·1	-10	–	0	cm	43	95	4	5	2	–	7-8	9+	2500	1	*
Cranwell ...	988·0	-2	–	0	bf	32	95	3	5	–	–	1	1	2500	1	*
Birmingham ...	986·5	-6	E	2	rf	40	95	3	6	–	–	10	10	800	1	*
Upper Heyford	986·0	-14	E	2	ir	43	95	4	5	–	–	10	10	450	1	*
Ross-on-Wye	985·7	-12	SSW	1	of	40	95	2	5	–	–	10	10	450	1	*
Portland Bill ...	984·1	-18	S	3	rr	47	95	7	5	–	–	10	10	1500	2	4
Plymouth ...	984·6	+4	–	0	o/r	45	95	8	5	–	–	10	10	1500	1	1
The Lizard ...	984·8	-2	W	2	c	45	95	8	4	2	–	9	10	1500	1	3
Scilly (St. Mary's)	985·0	+12	WNW	4	bc	47	95	8	5	–	–	4-6	4-6	2500	1	2
Guernsey ..	981·8	-50	ENE	5	rr	45	95	5	5	–	–	10	10	800	2	4
Pembroke ...	982·1	0	WSW	3	o/r	47	95	7	8	–	–	10	10	1500	1	2
Holyhead ...	985·3	0	NE'N	3	c	44	85	7	5	7	–	4-6	10	1500	1	1
Chester (Sealand)	986·5	-6	SSE	1	bf+	35	85	0	5	–	–	10	10	<150	1	*
Manchester ...	986·2	-2	NE'E	2	bcf	36	95	3	–	4	–	0	2-3	–	1	*
Spurn Head ...	986·7	0	SW'W	2	bc	36	95	6	5	1	–	4-6	4-6	1500	1	1
Catterick ...	986·3	0	–	0	bc	36	95	7	5	5	–	4-6	4-6	4000	1	*
Tynemouth ...	986·0	0	SW	1	0	37	95	6	5	–	–	10	10	1500	1	1
Inchkeith ...	986·0	+6	SW	2	0	39	95	7	5	–	–	10	10	1500	1	2
Leuchars ...	985·0	+2	–	0	c	40	95	5	5	–	–	10	10	800	1	*
Renfrew (Abbots I.)	986·5	-4	SWW	2	rr	37	95	6	5	–	–	10	10	1500	1	*
Eskdalemuir ...	986·0	+2	–	0	of	33	95	3	5	–	–	10	10	<150	1	*
Point of Ayre ...	986·0	0	SW'S	1	0	37	95	8	5	–	–	10	10	1500	1	1
Tiree ...	986·8	-2	N	3	ir	44	85	8	5	7	–	7-8	9	1500	1	0
Stornoway ...	988·5	-4	N	3	c	40	95	8	8	7	–	4-6	9	1500	1	2
Dalwhinnie ...	–	-4	N	1	c	37	85	7	4	2	–	7-8	10	2500	1	*
Aberdeen ...	986·0	+4	SE	3	9r	43	95	6	5	–	–	10	10	800	1	1
Wick ...	986·7	+4	NE	3	c	45	95	7	8	1	–	7-8	9	1500	1	2
Lerwick ...	990·9	-2	E	6	id	43	95	6	5	2	–	7-8	9+	800	1	*
Blacksod Point	989·2	+14	–	0	cf	35	95	1	–	2	–	0	10	–	1	4
Malin Head ...	986·2	0	N	3	c	44	95	7	8	2	–	4-6	9+	1500	1	1
Aldergrove ...	987·2	0	SW	1	of	36	95	1	5	–	–	10	10	<150	1	*
Birr Castle ...	988·4	+8	NNW	1	bc	30	95	7	5	–	–	4-6	4-6	2500	1	*
Valentia Obsy. †	987·7	+14	–	0	b	35	95	8	5	–	–	Tr	Tr	1500	5	2
Roches Point	987·5	+10	NE	3	bc	42	95	8	5	–	–	4-6	4-6	1500	1	4

PAST 24 HOURS.

Stations	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Night 18h–7h mm. (35)	Sunshine 1.5h Hrs. (36)
London (Kew)	48	45	40	8	1	0·0
Croydon ...	48	45	42	3	2	0·0
S. Farnborough	47	43	41	7	1	0·0
Boscombe Down	46	41	39	2	1	0·0
Calshot (Sthmtn.)	48	44	41	3	2	0·1
Lympne ...	48	44	42	3	12	2·6
Manston ...	49	44	42	1	7	1·7
Shoeburyness ...	49	43	39	1	2	1·2
Felixstowe ...	47	42	38	3	1	1·5
Gorleston ...	51	40	39	3	3	0·0
Mildenhall ...	49	42	38	1	1	0·9
Cranwell ...	46	32	25	3	–	0·8
Birmingham ...	47	37	27	–	Tr	2·9
Upper Heyford	48	41	38	1	0·1	*
Ross-on-Wye	45	35	27	Tr	0·6	0·7
Portland Bill ...	50	46	*	0·3	5	*
Plymouth ...	50	45	43	1	6	0·8
The Lizard ...	52	44	*	2	4	*
Scilly (St. Mary's)	51	45	*	0·3	1	3·2
Guernsey ..	50	45	42	2	14	0·5
Pembroke ...	50	41	*	0·2	9	2·3
Holyhead ...	45	40	34	0·2	–	0·0
Chester (Sealand)	44	34	(33)	1	–	0·0
Manchester ...	47	34	26	0·2	–	0·0
Spurn Head ...	45	36	*	5	Tr	0·1
Catterick ...	44	36	32	7	–	0·0
Tynemouth ...	44	37	34	6	–	0·0
Inchkeith ...	43	38	38	10	3	0·0
Leuchars ...	42	39	38	7	2	0·0
Renfrew (Abbots I.)	40	36	36	10	12	0·0
Eskdalemuir ...	39	32	31	7	0·2	0·0
Point of Ayre ...	44	33	–	0·5	–	0·1
Tiree ...	45	40	35	–	0·3	0·0
Stornoway ...	47	38	*	5	–	0·8
Dalwhinnie ...	41	35	30	–	4	0·0
Aberdeen ...	41	41	38	2	5	0·0
Wick ...	45	36	*	0·2	1	*
Lerwick ...	44	42	*	0·3	0·6	0·0
Blacksod Point	44	32	*	–	0·4	*
Malin Head ...	43	36	*	–	1	2·7
Aldergrove ...	41	36	36	0·1	0·1	0·0
Birr Castle ...	36	28	28	–	–	0·0
Valentia Obsy. †	47	35	31	0·2	Tr	0·4
Roches Point	46	41	*	3	0·4	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Afternoon.	Night.	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	9h. G.M.T. % (To-day.)	Visibility 9h. (To-day.)
Kew ...	18	ccr r	c m r r	cr m	48	45	40	8	1	0·0	*	*	5
Croydon ...	217	cpr ir	r dd d	rofem	48	45	42	3	2	0·0	*	*	6
Greenwich (Royal Observatory) ...	149	cr r	cir	cirmcd	49	43	38	3	2	0·0	94	96	5
City (Bunhill Row) ...	—	*	*	*	*	*	*	–	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	49	46	42	6		0·0	84	88	*
Regents Pk. (Botanic Gardens)‡ ...	168	*	*	*	48	45	44	1	6	0·0	49	88	*
Camden Square ...	110	cr	cr	*	48	45	41	6	1	*	*	92	*
Kensington ...	80	c	cbccpc	*	48	45	40	5	2	0·0	98 At 13h.	91	*
Hampstead Observatory ...	450	cor	orf	ofr	47	43	33	6	1	0·0	*	97	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max	Time.	Min.	Time.	Kew Observatory. Max.	Time.	Min.	Time.
2·0	19h 1st	<0·5	2-6h 2nd.	0·9	20h 1st	<0·1	7h 1st

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 1st January. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 2nd January. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris ...	995·3	S	5	c/pr	48	992·7	S	4	rr	46	50	46	0·5	3
Brussels ...	994·2	S	5	ir	48	992·6	SSW	5	ir	46	52	45	0·1	0·4
Berlin ...	1000·9	SE	1	bc	37	1001·2	S'W	3	c	37	43	30	–	–
Zurich ...						1007·1	SE	2	m	34		34		0·3
Rome ...	1006·3	SSE	5	0	55	1009·0	–	0	bc	55	*	*	4	3

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 36.—Code for State of Sea.

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

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 disturbances reported from Dangerous.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

FRIDAY, 3rd January 1936.

No 27070

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

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)	987·7	+6	SW	2	c/r	47	95	6	9	–	–	9+	9+	1500
	Croydon ...	987·4	+10	WSW	2	c/r	45	95	5	8	7	–	7-8	9+	2500
	S. Farnborough	987·9	+10	WSW	2	c	47	85	6	8	7	–	7-8	9	2500
	Boscombe Down	987·8	+12	SW	2	bc	48	86	7	8	3	–	4-6	7-8	2500
	Calshot (Sthmtn.)	988·3	+16	SW'W	2	c	48	85	7	8	7	–	7-8	7-8	2500
	Lympne ...	987·2	−4	N'W	2	r°r°	43	95	5	8	2	–	9+	10	<150
	Manston ...	986·9	−6	WSW	1	i d°	44	96	6	6	2	–	9	10	800
2	Shoeburyness ...	987·6	−2	S	1	c/r	46	95	8	6	2	–	4-6	10	1500
	Felixstowe ...	987·9	−2	–	0	ir°	45	95	6	5	7	–	4-6	10	4000
	Gorleston ...	987·6	−4	–	0	c m	46	95	4	5	–	–	9+	9+	1500
	Mildenhall ...	987·2	−2	SW'W	1	c m	47	95	4	5	–	–	9	9	2500
	Cranwell ...	988·1	0	–	0	ir°	39	95	4	5	2	–	9+	10	2500
3	Birmingham ...	988·1	+4	NNW	2	rF	38	95	1	–	–	–	9+	9+	<150
	Upper Heyford	987·8	+10	WSW	3	c	46	95	8	8	7	–	7-8	9	1500
4	Ross-on-Wye	987·7	+8	WNW	1	o/pr	44	95	4	5	–	–	10	10	800
5	Portland Bill ...	987·9	+20	SSW	3	bc	49	85	7	4	4	–	2-3	4-6	2500
	Plymouth ...	988·6	+14	WSW	5	c jp	49	85	7	8	–	–	9+	9+	1500
	The Lizard ...	989·9	+16	W	5	bc	50	95	8	8	6	–	4-6	4-6	2500
	Scilly (St. Mary's)	989·9	+20	WNW	3	c jp	52	85	8	8	7	3	4-6	9+	1500
	Guernsey ...	990·4	+36	W	3	c	49	86	8	8	7	–	4-6	7-8	2500
6	Pembroke ...	987·5	+14	N'E	3	bc	45	85	7	5	4	–	2-3	4-6	2500
7	Holyhead ...	987·7	+10	NW'N	3	c	45	95	8	8	3	–	2-3	7-8	4000
	Chester (Sealand)	988·5	+6	SSE	1	c/f	41	95	4	5	–	–	9+	9+	4000
8	Manchester ...	987·8	+6	W'N	1	o F+	39	95	1	5	–	–	10	10	4000
10	Spurn Head ...	987·7	+4	SSW	1	c z°	40	95	5	5	2	–	7-8	9	1500
	Catterick ...	987·8	+2	NW	2	c	43	75	7	5	–	–	9+	9+	2500
	Tynemouth ...	986·7	+2	W	2	bc	40	85	6	7	1	1	4-6	4-6	1500
11	Inchkeith ...	987·3	+8	WSW	2	o z°	39	95	6	5	–	–	10	10	800
	Leuchars ...	987·1	+12	–	0	c/f	41	95	5	5	–	–	9+	9+	800
12	Renfrew (Abbots I.)	987·8	+6	–	0	o z°	39	96	5	5	5	–	10	10	2500
	Eskdalemuir ...	987·5	+4	–	0	c	35	95	7	5	–	–	9+	9+	800
	Point of Ayre ...	987·5	+6	NW'W	3	pr°	43	95	7	6	–	–	10	10	1500
13A	Tiree ...	987·9	+4	N	3	c	46	95	8	8	8	8	7-8	9+	1500
13B	Stornoway ...	989·0	+4	NE	3	c	45	95	8	5	7	3	4-6	7-8	2500
15	Dalwhinnie ...	987·4	+6	N	1	c	38	95	5	4	2	–	7-8	10	1500
	Aberdeen ...	987·3	+4	NNE	3	PR	43	95	5	9	–	–	10	10	800
	Wick ...	988·9	+6	ENE	3	pr°	46	95	7	8	2	–	7-8	9+	1500
16	Lerwick ...	992·5	+10	E	5	ir°	44	95	7	9	2	–	7-8	10	800
17	Blacksod Point	991·6	+4	SW	2	bc	41	95	7	–	7	–	0	4-6	–
18	Malin Head ...	987·9	+4	NNW	2	c jp	46	95	7	9	–	–	9	9	1500
	Aldergrove ...	988·3	+4	SSW	2	ir°	38	95	5	5	–	–	10	10	800
19	Birr Castle ...	991·9	+16	SSW	1	f	30	95	3	5	–	–	10	10	2500
20	Valentia Obsy. †	991·2	+2	NE'E	1	b	42	85	9	–	–	1	0	Tr	–
	Roches Point	991·9	+14	N'E	3	f	37	95	2	5	–	–	10	10	<150

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

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)	990·7	+18	SW'S	2	c	46	95	5	5	–	–	9+	9+	4000	1	*
	Croydon ...	990·3	+16	SSW	2	c z°	45	95	5	5	3	–	4-6	9+	4000	1	*
	S. Farnborough	990·5	+14	SW'W	2	bc	44	95	7	5	3	–	2-3	4-6	4000	1	*
	Boscombe Down	990·1	+14	SW'S	2	b	44	95	7	–	–	5	0	2-3	–	1	*
	Calshot (Sthmtn.)	990·7	+12	SW'W	2	c	47	95	7	5	–	–	7-8	7-8	2500	1	2
	Lympne ...	991·5	+16	W'N	3	c z°	43	95	6	5	–	–	9+	9+	4000	1	§ 1
	Manston ...	990·7	+24	SW	3	c z°	44	95	6	5	–	–	9+	9+	4000	1	*
2	Shoeburyness ...	990·4	+24	SW	2	c m	45	85	4	5	–	–	9+	9+	2500	1	*
	Felixstowe ...	990·2	+20	SW	2	c z°	44	95	6	5	3	–	4-6	9+	4000	1	1
	Gorleston ...	989·3	+10	–	0	c	44	95	6	5	–	–	9	9	2500	1	2
	Mildenhall ...	989·5	+18	NW'W	1	c m	44	95	4	5	–	–	7-8	7-8	2500	1	*
	Cranwell ...	990·7	+12	NW'N	3	rf	38	95	5	5	2	–	7-8	10	1500	1	*
3	Birmingham ...	991·7	+22	NNW	2	bcm	38	95	4	5	–	–	4-6	4-6	1500	1	*
	Upper Heyford	990·3	+18	NNW	3	c/f	42	95	5	5	–	–	9+	9+	1500	1	*
4	Ross-on-Wye	991·3	+20	NNW	2	b m	39	95	4	5	–	–	1	1	4000	1	*
5	Portland Bill ...	990·5	+16	W	3	c	48	95	7	4	4	–	4-6	7-8	2500	2	4
	Plymouth ...	992·0	+30	WNW	1	c z°	45	85	6	5	7	–	4-6	9+	1500	1	2
	The Lizard ...	992·4	+12	NNW	2	c	45	95	8	5	3	–	7-8	9+	2500	1	3
	Scilly (St. Mary's)	992·1	+6	–	0	c	46	95	7	8	7	–	7-8	10	2500	1	1
	Guernsey ...	994·0	+20	WSW	1	c	48	95	6	–	1	–	0	7-8	–	1	2
6	Pembroke ...	991·0	+20	N'W	2	bc	47	85	7	5	–	–	2-3	2-3	2500	1	1
7	Holyhead ...	990·0	+14	WNW	4	c	43	95	7	7	–	–	9+	9+	1500	1	1
	Chester (Sealand)	990·7	+10	–	0	cf	39	95	3	5	–	–	9+	9+	4000	1	*
8	Manchester ...	990·2	+16	–	0	cf+	39	95	3	5	–	–	10	10	4000	1	*
10	Spurn Head ...	989·9	+4	W	3	rf	39	95	3	5	2	–	7-8	10	800	1	2
	Catterick ...	989·1	+14	–	0	c m	37	95	4	5	–	–	9+	9+	4000	1	*
	Tynemouth ...	987·5	+12	W	2	bc	40	85	6	4	–	–	7-8	7-8	4000	1	1
11	Inchkeith ...	988·1	+4	SW	2	c m	40	95	4	5	–	–	10	10	800	1	2
	Leuchars ...	988·4	+10	NW	1	c z°	41	95	6	8	–	–	10	10	2500	1	*
12	Renfrew (Abbots I.)	989·5	+12	WSW	2	bc m	37	95	4	5	–	–	4-6	4-6	4000	1	*
	Eskdalemuir ...	989·1	+14	–	0	c	34	95	6	5	–	–	9+	9+	1500	1	*
	Point of Ayre ...	989·1	+10	N'W	3	c	44	85	7	9	–	–	7-8	7-8	1500	1	2
13A	Tiree ...	989·6	+12	ENE	1	b	42	95	8	–	–	–	0	0	–	0	2
13B	Stornoway ...	991·1	+4	NE	3	c	44	85	7	5	7	–	4-6	7-8	1500	1	2
15	Dalwhinnie ...	990·1	+16	N	1	c	37	95	7	4	6	–	4-6	10	2500	1	*
	Aberdeen ...	988·8	+12	N	3	ir°	44	95	6	6	2	–	2-3	10	800	1	2
	Wick ...	990·5	+12	NNE	3	c/pr	44	95	7	9	6	–	7-8	9+	1500	1	2
16	Lerwick ...	993·2	+8	E'N	4	c	43	85	8	8	2	–	7-8	9+	1500	1	*
17	Blacksod Point	992·3	+8	S	1	c	41	95	7	8	–	–	7-8	7-8	1500	0	2
18	Malin Head ...	989·4	+12	NNW	2	c	46	95	7	8	–	–	9+	9+	1500	1	1
	Aldergrove ...	990·0	+18	SW	1	c	39	95	7	5	–	–	10	10	1500	1	*
19	Birr Castle ...	993·0	+6	SSW	1	cf	33	95	3	5	–	–	10	10	2500	1	*
20	Valentia Obsy. †	991·9	+6	E'N	3	bc	37	95	9	–	–	6	0	4-6	–	1	2
	Roches Point	993·6	+6	NNE	3	cf	36	95	2	5	–	–	10	10	<150	1	4

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 2nd. (37)	13h.—18h. 2nd. (38)	18h.—1h. 2nd / 3rd (39)	1h.—7h. 3rd. (40)
1	London (Kew)	cr°m°	cr°cmcm°	cm	cm°
	Croydon ...	cr°r°m°	cm°	~~cf c~~ cm°	cm
	S. Farnborough	cfir°	cbcc	bcc	cm°m°
	Boscombe Down	cmbc	cm°rrb	bm°	bcmcf
	Calshot (Sthmtn.)	c	cbc p	c	coffe
	Lympne ...	cr°r°m°	cr°r° m cm cm	cbcfcm	cbcm°
	Manston ...	or° dcm	cmdcbc	cbcm	cm°
2	Shoeburyness ...	crc	rcbccm	cm°	cmFx
	Felixstowe ...	cir°	cir°bcc	cm cm	cmoff
	Gorleston ...	of idm	cmcm°	cz°z°	bcoff
	Mildenhall ...	cm°mbm	cmdcbc	bcmR	coffe
	Cranwell ...	cid°m	cid°cm°	cir°	ofe
3	Birmingham ...	Fir°	Frcm	bcbif	bx
	Upper Heyford	or°cm	cr°	cfe	Fcr°r°
4	Ross-on-Wye	fcrfcmo	p°m1fcm	lomkF	FFx
5	Portland Bill ...	cbc	bcc	bcc	ccz°
	Plymouth ...	p°bc	cpcbcm	cm°c	cr°r°
	The Lizard ...	cp°c	bcc	co	ofmm
	Scilly (St. Mary's)	c	irarr	orarr	
	Guernsey ...	orcbc	cbcc	cir°	orrir
6	Pembroke ...	cgbc	bc	bcmF	cFcm°
7	Holyhead ...	cbc	c	c	cbc
	Chester (Sealand)	FFo	crrcf	bcfR	crm
8	Manchester ...	bcff	cffrcf	fcmir	cm
10	Spurn Head ...	bccz	2cffr	frc	cff
	Catterick ...	bccfc	bcmcfcm°	bcmcf	bcmcfcr°
	Tynemouth ...	ffmfc	ccm°	cm°c	cpcc
11	Inchkeith ...	opr°	oc	cbcbc	bc
	Leuchars ...	o z°	z°z°	rfz°	zr°rc
12	Renfrew (Abbots I.)	ofcm°	cm°	cmrrr	cprr°
	Eskdalemuir ...	cr°m°	cmobcm	bcmbff	bfcmir°
	Point of Ayre ...	ffmfc	ccm°	cm°c	cpcc
13A	Tiree ...	opr°	oc	cbcbc	bc
13B	Stornoway ...	c	cbc	bx	bx
15	Dalwhinnie ...	cpr°	c	c	cpr°
	Aberdeen ...	c	ir°oc	*	c
	Wick ...	ocPR	cirm°	ir°pr	cm°bc
16	Lerwick ...	cpr°	cpr°	cpr°	cpr
17	Blacksod Point	cir	cir	cir	c
18	Malin Head ...	fcbc	cbc	cbc	pr°c
	Aldergrove ...	cpr°	c	cbc	bcc
19	Birr Castle ...	ofr°r°m°	oi1cdrr	cpr°c	oF
20	Valentia Obsy. †	bcoff	off	off	offx
	Roches Point	bxb	bbc	bcw	bwcbc
		coffe	fcbcffc	ffcomD	bcrbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

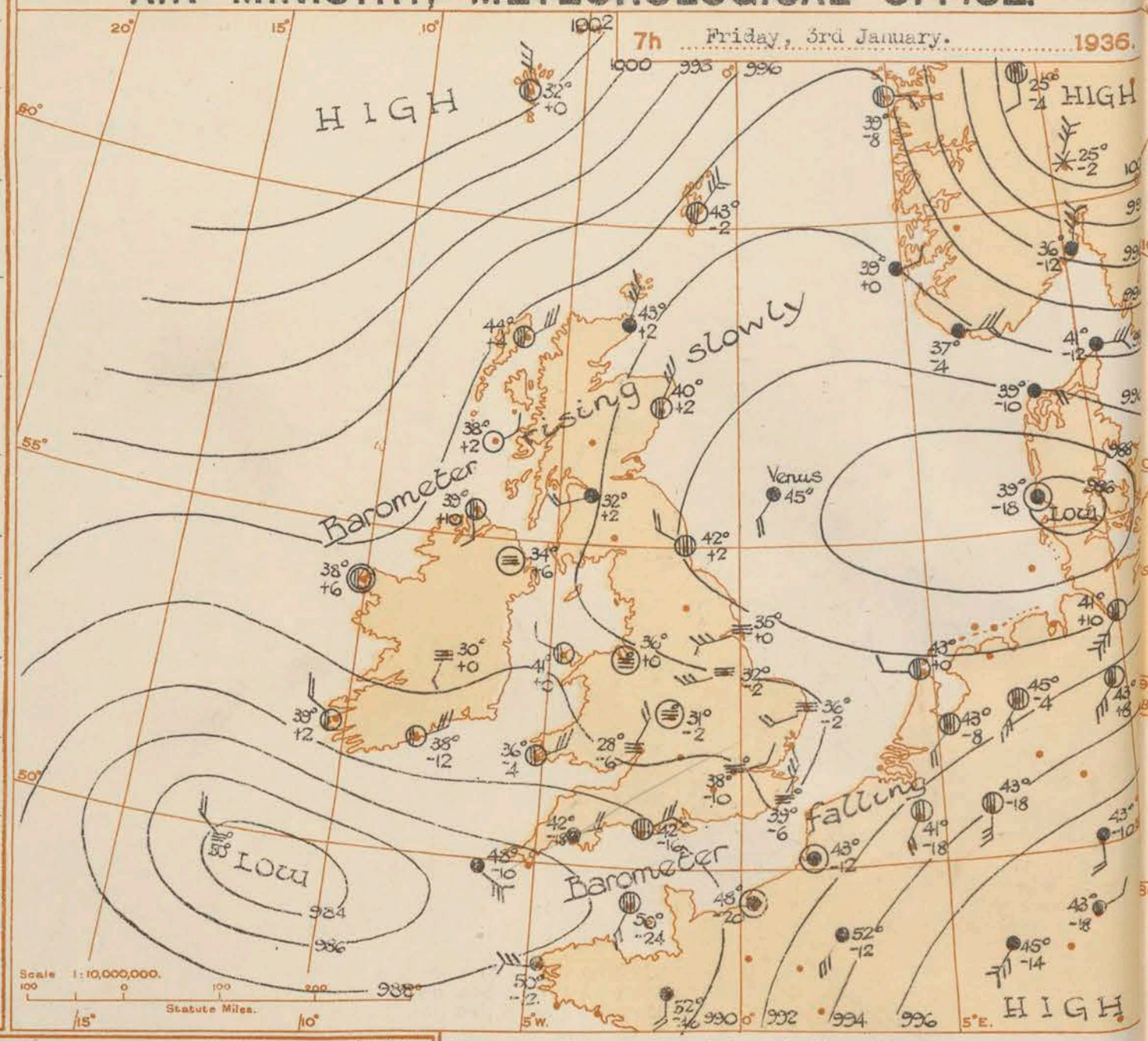
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 2nd January 1936

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	ooc	cbcc	44	47	8	–	0·9
	Bournemouth	ocl	coo	40	49	1	0·5	0·7
	Ventnor ...	roc	bcou	44	49	6	–	1·2
	Southsea ...	cpbc	bcc	45	48	5	0·2	1·3
	Bognor Regis	bcir	bcbcc	45	48	5	0·3	1·9
	Littlehampton	bc	hcpoc	45	50	3	0·3	1·5
	Worthing ...	c	cbcd.	45	49	4	Trace	1·4
	Brighton ...	b	bcp	45	49	1	Trace	2·6
	Eastbourne†	co	ccbcc	45	48	3	–	1·3
	Hastings† ...	cod.c	bcbcc	45	48	4	Trace	0·8
	Folkestone ...	oro	oroc	45	46	6	0·7	0·5
	Dover... ...	oirc	cbcc	46	47	4	0·6	0·6
	Deal	o	or.c	45	47	7	Trace	0·6
	Ramsgate ...	co	rc	45	47	4	1	0·3
	Margate ...	cr	crbcc	45	47	8	2	0·2
2	Southend ...	cod.	od.cm	43	48	1	Trace	0·4
	Maldon ...	ro	co	43	48	3	–	0·2
	Clacton-on-Sea	cpc	cbccm	42	46	3	0·3	0·3
	Dovercourt ...	dbcc	bcpbc	43	47	3	Trace	0·4
	Lowestoft ...	proc	d.oc	43	46	2	1	0·0
	Skegness ...	bFpc	cbof	33	40	Trace	Trace	0·0
	Mablethorpe	cmbm	omm.	32	42	–	–	0·0
	Cleethorpes ...	bcem	corf	32	40	0·4	1	2·1
3	Leamington S.	ome	odo	40	46	0·1	0·6	0·0
4	Cheltenham†	cir	coirm	41	46	0·5	1	0·5
5	Bath	cbc	bcc	42	50	0·3	–	2·0
	Weymouth ...	bcbc	bcc	42	51	3	Trace	1·8
	Jersey ...	crc	cbc	43	51	21	Trace	3·3
	Torquay ...	zcbbc	cbcc	44	50	0·3	–	2·8
	Penzance ...	bcdbc	bcc	45	52	1	0·4	2·7
	St. Ives ...	c	pr	45	50	2	Trace	2·7
	Bude	c	o	40	49	1	–	0·0
	Ilfracombe ...	roc	o	42	48	3	–	0·0
6	Aberystwyth	prcbc	bcc	36	44	7	–	4·0
7	Llandudno ...	cbc	cbcc	35	46	Trace	–	1·5
	Colwyn Bay...	occbc	bccc	35	44	–	–	1·2
	Rhyl	cm.	cm.	35	47	–	–	0·0
8	Wallasey ...	foc	c	38	42	–	–	0·0
	Southport‖ ...	fo	o	35	41	–	–	0·0
	Blackpool ...	of	om	39	42	–	–	0·0
	Morecambe ...	mdcc	ccdcc	39	41	0·5	Trace	0·0
9	Ilkley... ...	o	o	37	41	–	–	0·0
	Harrogate ...	c	cbc	38	41	–	–	0·0
10	Berwick-on-T.	or.	c	38	39	0·3	Trace	0·0
11	Dunbar ..	cm.	cmbr.	38	40	0·3	Trace	0·0
12	Troon... ...							
	Douglas ...	cldc	cidcb	38	43	1	Trace	0·2

† 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. 3rd January, 1936
1. S.E. England 2. E. England...	Wind northeast moderate becoming variable or northwest; rain for several hours, spreading east this afternoon; becoming milder.
3. E. Midlands 4. W. Midlands 5. S.W. England	Wind variable or northerly light to moderate; rain this evening, cloudy later; fog persisting locally; cold in foggy areas, average temperature elsewhere.
6. South Wales 7. North Wales	Wind variable moderate becoming westerly; rain at first, fair later; milder.
8. N.W. England 9. N Midlands 10. N.E. England	Light variable wind; much fog inland, persisting locally, fair elsewhere; cold in foggy areas, average temperature elsewhere.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. A. W Scotld. B. N W. Scotland 14. Mid-Scotland	Wind variable or northerly light to moderate; local rain or sleet showers; bright intervals; average day temperature, ground frost at night.
15. N.E. Scotland 16 Orkney and Shetland	Wind north to northeast moderate; mainly cloudy; occasional rain or sleet showers; average temperature.
17 N.W. Ireland 18. N.E. Ireland	As 7 - 10.
19. S.E. Ireland 20. S.W. Ireland	Wind variable or northerly moderate, backing; local rain today and probably later tomorrow; fog inland early; average day temperature, ground frost at night.

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

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◎ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ○ Clear sky. ◐ Sky less than 4/10 clouded. ◐ Sky 4/10 to 6/10 clouded. ◐ Sky 7/10 to 9/10 clouded. ◐ Overcast sky. ● Rain falling. ✳ Snow. ✱ Sleet ▲ Hail ≡ Fog. ≡ Mist. T Thunder. ⚡ 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 west of the Scilly Islands will move east-northeast while another south of Greenland will probably deepen and move southeast. Rain will occur in all southern parts of England and Wales and will be renewed tomorrow in the West. Fog will persist locally in Northern England.

FURTHER OUTLOOK.

Colder and showery in the West, and probably later in the South.

Forecasts issued at 1015 G.M.T.

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

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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 3rd January 1936

No. 27070

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

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	992·4	+6	NW	2	om	43	95	4	5	–	–	10	10	800
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	992·8	0	WSW	2	c	44	95	6	5	–	–	9	9	1500
	Manston ...	142	992·2	0	SW	2	czo	40	95	6	5	–	–	9+	9+	4000
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	991·5	+10	NNW	2	0	44	95	5	6	–	–	10	10	1500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	992·1	+6	NW	3	c	48	95	7	4	4	–	4-6	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	991·2	-10	E	3	0	46	95	8	5	–	–	10	10	1500
	Scilly (St. Mary's)	163	990·4	-16	SE'S	3	rr	47	95	6	6	–	–	9+	9+	1500
	Guernsey ..	175	993·2	-16	SSW	1	o/r	48	95	6	5	–	–	10	10	1500
6	Pembroke ...	142	991·9	0	ENE	2	cm	39	95	4	5	–	–	9+	9+	1500
7	Holyhead ...	26	991·8	+8	W	2	c	43	95	8	5	2	–	7-8	10	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	990·7	+4	WSW	3	c	38	95	7	5	7	–	4-6	7-8	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	988·8	0	W	2	ir	39	95	6	6	–	–	10	10	1500
11	Inchkeith ...	190	990·6	+6	SW	2	ozo	39	95	6	5	–	–	10	10	800
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	991·4	+8	N'W	2	bc	40	95	8	–	8	–	0	1	–
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	993·0	+4	NE	3	c	43	95	7	8	7	–	4-6	7-8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	991·7	+2	NNE	3	pr	43	95	7	8	2	–	7-8	10	1500
16	Lerwick ...	156	992·2	0	ENE	4	c	43	85	7	8	7	–	7-8	9	800
17	Blacksod Point	18	993·2	+2	–	0	c	37	95	8	–	5	–	0	7-8	–
18	Malin Head ...	52	991·2	+6	N	2	bc	44	95	7	2	–	–	2-3	2-3	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	990·7	–6	ESE	3	bc	41	75	8	–	9	–	0	4-6	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	991·9	-10	N	1	ozo	38	95	5	5	–	–	10	10	2500	1	*
	Croydon ...	991·6	-10	NE'E	1	om	38	95	4	5	–	–	10	10	800	1	*
	S. Farnborough	991·7	-4	ENE	1	o	37	95	4	5	–	–	10	10	800	1	*
	Boscombe Down	991·2	-12	ENE	1	of-	35	95	5	5	–	–	10	10	<150	1	*
	Calshot (Sthmtn.)	991·4	-14	N'E	2	of	40	95	3	5	–	–	10	10	~~<150~~	1	§ 1
	Lympne ...	992·1	-6	NNE	3	cm	39	95	4	5	–	–	9+	9+	450	1	
	Manston ...	992·0	-4	NNW	2	ozo	38	95	5	5	–	–	10	10	450	1	*
2	Shoeburyness ...	992·6	-2	NW	1	of	36	95	2	5	–	–	10	10	<150	1	*
	Felixstowe ...	992·3	-6	W'N	1	of	36	95	3	5	–	–	10	10	<150	1	1
	Gorleston ...	992·4	-2	WSW	2	oF	36	95	1	5	–	–	10	10	<150	1	1
	Mildenhall ...	992·0	-4	NW	1	oF	32	95	1	5	–	–	10	10	<150	1	*
	Cranwell ...	992·0	-2	W'S	3	oF+	32	95	1	5	–	–	10	10	<150	1	*
3	Birmingham ...	992·9	-2	–	0	bm	31	95	4	–	–	–	0	0	–	1	*
	Upper Heyford	991·8	-6	–	0	oF	29	95	1	5	–	–	10	10	<150	1	*
4	Ross-on-Wye	992·6	-6	NE	2	oF	28	95	1	5	–	–	10	10	<150	1	*
5	Portland Bill ...	989·3	-16	ENE	4	c	42	95	6	5	–	–	10	10	1500	1	4
	Plymouth ...	989·2	-18	E'N	2	rrzo	42	95	8	6	2	–	9	10	1500	1	2
	The Lizard ...	987·8	-10	ENE	4	rzvzo	46	95	4	5	–	–	10	10	800	1	3
	Scilly (St. Mary's)	987·2	-10	SE'E	4	rr	48	95	6	6	–	–	10	10	1500	1	2
	Guernsey ..	988·8	-24	S'S	2	o/r	50	95	7	5	–	–	10	10	2500	2	3
6	Pembroke ...	990·2	-4	ENE	3	bc	36	95	6	4	–	–	2-3	2-3	2500	–	-1
7	Holyhead ...	991·4	0	WNW	1	bc	41	85	8	5	–	–	2-3	2-3	4000	1	1
	Chester (Sealand)	992·2	0	–	0	cm	36	95	4	5	–	–	7-8	7-8	1500	1	*
8	Manchester ...	992·2	+4	–	0	om	39	95	4	5	–	–	10	10	1500	1	*
10	Spurn Head ...	990·5	0	W'S	4	oF+	35	95	–	5	–	–	10	10	<150	1	3
	Catterick ...	990·6	+4	NWW	1	c	41	85	7	5	–	–	10	10	2500	1	*
	Tynemouth ...	989·6	+2	WNW	2	o	42	95	6	6	–	–	10	10	1500	1	1
11	Inchkeith ...	992·3	+4	SW	2	c	39	95	8	4	2	–	2-3	9+	2500	1	1
	Leuchars ...	991·9	+4	W	2	c	42	95	8	5	–	–	9+	9+	4000	1	*
12	Renfrew (Abbots I.)	992·8	+8	WSW	2	irzo	32	95	4	5	–	–	10	10	2500	1	*
	Eskdalemuir ...	991·4	+2	N'E	4	c	39	95	7	5	–	–	9+	9+	1500	1	*
	Point of Ayre...	991·8	+4	W'N	1	bc	33	95	8	–	7	–	0	1	7200	5	1
13A	Tiree	993·0	+2	NEE	1	b	38	95	8	–	–	–	0	0	–	0	1
13B	Stornoway ...	993·2	+4	NE	3	c	44	85	7	8	7	–	7-8	9	1500	1	2
15	Dalwhinnie ...	–	+4	N	1	c	36	85	7	4	2	–	4-6	10	2500	1	*
	Aberdeen ...	991·5	+2	NEN	3	c	40	95	7	8	–	–	7-8	7-8	1500	1	1
	Wick ...	992·9	+2	NNE	3	pr	43	95	7	9	6	–	7-8	9+	1500	1	2
16	Lerwick ...	993·1	-2	NE	5	c	43	85	8	8	7	–	7-8	9	1500	1	*
17	Blacksod Point	993·7	+6	–	0	bc	38	95	7	3	–	–	4-6	4-6	1500	1	3
18	Malin Head ...	992·4	+10	S	1	c	39	95	7	4	–	–	7-8	7-8	1500	1	1
	Aldergrove ...	993·3	+6	–	0	oF	34	95	1	5	–	–	10	10	<150	1	*
19	Birr Castle ...	992·9	0	SSW	1	of	30	95	3	5	–	–	10	10	2500	1	*
20	Valentia Obsy. †	990·5	+2	NW	2	bc	39	85	8	–	7	–	0	2-3	–	1	2
	Roches Point	992·1	-12	E'N	3	bc	38	95	8	5	–	–	2-3	2-3	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 2nd Hrs (36)
1	London (Kew)	47	37	31	0·6	–	0·2
	Croydon ...	47	38	37	3	0·1	0·0
	S. Farnborough	48	37	37	0·1	–	1·5
	Boscombe Down	49	35	32	2	Tr	1·0
	Calshot (Sthmtn.)	50	39	36	Tr	Tr	1·1
	Lympne ...	45	39	34	1	Tr	0·8
	Manston ...	47	38	36	1	Tr	0·5
2	Shoeburyness ...	47	35	29	1	–	0·3
	Felixstowe ...	47	36	33	0·4	–	0·2
	Gorleston ...	46	36	35	0·5	–	0·0
	Mildenhall ...	47	32	31	0·2	3	0·0
	Cranwell ...	40	32	31	3	0·2	0·0
3	Birmingham ...	42	30	22	2	–	0·0
	Upper Heyford	47	29	29	1	0·1	*
4	Ross-on-Wye	45	27	21	0·4	Tr	0·1
5	Portland Bill ...	49	40	*	1	–	*
	Plymouth ...	50	40	34	0·1	3	0·9
	The Lizard ...	50	44	*	0·1	3	*
	Scilly (St. Mary's)	52	45	*	Tr	8	1·9
	Guernsey ..	50	47	41	0·3	8	1·9
6	Pembroke ...	47	35	*	Tr	Tr	4·9
7	Holyhead ...	46	40	36	–	–	2·6
	Chester (Sealand)	41	35	30	–	2	0·0
8	Manchester ...	41	38	35	–	1	0·0
10	Spurn Head ...	42	34	*	0·5	1	2·9
	Catterick ...	43	31	26	–	Tr	0·3
	Tynemouth ...	41	37	33	–	1	3·0
11	Inchkeith ...	41	37	37	–	2	0·0
	Leuchars ...	42	41	39	0·3	2	0·0
12	Renfrew (Abbots I.)	40	30	27	0·1	0·1	0·0
	Eskdalemuir ...	37	33	31	–	Tr	0·0
	Point of Ayre...	44	31	–	Tr	–	0·0
13A	Tiree	46	35	29	–	–	0·0
13B	Stornoway ...	46	41	*	0·3	0·2	1·6
15	Dalwhinnie ...	38	35	32	Tr	–	0·0
	Aberdeen ...	44	40	38	3	2	0·0
	Wick ...	46	42	*	0·6	3	*
16	Lerwick ...	45	41	*	1	1	0·0
17	Blacksod Point	43	34	*	–	Tr	*
18	Malin Head ...	46	37	*	0·4	–	0·1
	Aldergrove ...	40	34	31	3	0·3	0·0
19	Birr Castle ...	33	30	30	–	–	0·0
20	Valentia Obsy. †	44	35	30	0·1	Tr	5·3
	Roches Point	42	33	*	Tr	Tr	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon.	Weather Night.	Temperature Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity 15h. G.M.T % (Yesterday.)	Humidity 9h. G.M.T % (To-day.)	Visibility 9h. (To-day.)
Kew ...	18	crom	crcmcm	com	47	37	31	0·6	–	0·0	*	*	3
Croydon ...	217	crrm	cm	ccfwm	47	38	37	3	0·1	0·0	*	*	
Greenwich (Royal Observatory) ...	149	crom	rcm	cmof	47	35	?	0·3	–	0·0	91	99	2
City (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	48	37	34	0·2		0·0	95	*	
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	47	35	34	Tr	–	0·0	92	98	*
Camden Square ...	110	c	cpc	*	47	36	32	Tr	–	*	*	98	*
Kensington ...	80	bcpr	cpn	*	48	37	34	–	Tr	0·0	At 18h. 87	95	*
Hampstead Observatory ...	440	om	omp	odf	46	42	36	Tr	Tr	0·1	*	97	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.	Kew Observatory. Max.	Time.	Min.	Time.
1·0	20h 2nd.	<0·3	5h. 3rd.	0·8	23h 2nd.	0·1	7h 2nd.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 2nd January. Barom. mb.	Wind. Direc.	Wind. Force	Weather.	Temp. °F.	7h. G.M.T. 3rd January. Barom. mb.	Wind. Direc.	Wind. Force	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris ...	994·9	WNW	5	c	46						54		6	
Brussels ...	988·0	W	4	odo	41	992·4	SSW	3	c	41	41	41	2	0·4
Berlin ...	998·7	S'E	3	o	39	994·3	SW	3	c	43	48	34	–	0·2
Zürich ...	1003·4	SE	3	czo	37	1004·7	S	3	o	45	41	?	3	0·5
Rome ...	1011·0	[illegible]	3	[illegible]	57	10[illegible]·3	[illegible]E'E	5	o	54	[illegible]	[illegible]	–	?

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 4th January 1936

No 27071

District	Stations. (For heights see p. 4.)	Rainfall. Day 18h. mm. (34)	Rainfall. Night 18h–7h. mm. (35)	Obs. at 13h. G.M.T. 3rd January: 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)	Obs. at 18h. G.M.T. 3rd January: Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)	Past 24 Hours. Weather. 7h.–13h. 3rd. (37)	13h.–18h. 3rd. (38)	18h.–1h. 3rd to 4th. (39)	1h.–7h. 4th. (40)
1	London (Kew)			992·0	-1	NW	1	b f-	36	95	3	-	-	-	0	0	-	997·4	+38	NW'N	2	o zo	37	95	5	5	-	-	10	10	1500	1	*	cofbf	bf om.	cm.	cm
	Croydon ...		0·1	991·5	-2	-	0	f	37	95	2	-	-	-	10	10	<150	996·4	+34	NNW	2	o/f	37	95	4	5	-	-	10	10	220	1	*	omff	oFff	ofmr.	ocmbcm.
	S. Farnborough		-	992·1	-2	NNW	1	c/f	37	95	4	5	-	-	7-8	7-8	450	997·4	+34	NNW	2	o/f	36	95	4	5	-	-	10	10	450	1	*	ofcm	cmfo	omr.	omc
	Boscombe Down		Tr	992·5	+6	N'E	3	bcZo	36	95	6	-	-	2	0	4-6	-	997·7	+38	NW'N	2	c/F	33	95	1	-	-	-	10	10	<150	1	*	fcbcm.	bcm. F	bFbc	bcc
	Calshot (Sthmtn.)		Tr	991·6	+4	N'W	3	c zo	40	96	6	5	7	6	Tr	9	4000	996·8	+33	NNW	3	c zo	38	96	6	5	6	-	9+	9+	450	1	1	offeem	cm.	cm.e	cm.e
	Lympne ...		Tr	991·2	-10	N'E	4	c m	37	95	4	5	1	-	9+	10	450	995·8	+40	N	4	o f-	35	95	3	5	-	-	10	10	<150	1	§ 1	fcm.	cmff	cffe	cffbm
	Manston ...		Tr	991·1	-8	N	2	o zo	38	95	5	5	-	-	10	10	450	995·7	+34	NW	2	f-	36	95	3	-	-	-	10	10	<150	1	*	om.	om. Ff	fcmff	Ffbm
2	Shoeburyness ...		-	992·1	-4	NW'N	1	f	36	95	2	-	-	-	10	10	<150	995·7	+26	NW'W	1	c	37	95	5	5	-	-	9+	9+	1500	1	*	ff	ff mc	cm	cm
	Felixstowe ...		-	991·8	-4	NW'N	2	f-	34	95	2	-	-	-	10	10	<150	995·0	+30	NW'W	2	c/f	37	95	4	5	-	-	9+	9+	2500	1	1	FeFe	offcm	cm-bm.	bm-cm.
	Gorleston ...		-	991·8	-4	NW'N	2	F	34	95	1	-	-	-	10	10	<150	993·2	+20	WNW	2	cm	38	95	4	5	-	-	9+	9+	2500	1	2	off	offcm	cpr.	c
	Mildenhall ...		3	992·3	-2	N	1	F	33	95	1	-	-	-	10	10	<150	996·0	+20	SW	1	rf	36	95	3	5	-	-	10	10	800	1	*	oFFe	offrof	of-om	om
	Cranwell ...		0·2	992·7	+2	W'S	2	cf -	36	95	2	5	3	-	4-6	9+	1500	996·5	+18	WNW	3	cf-	40	95	3	5	3	-	7-8	9	1500	1	*	oFe	cfe	cfcm	cmcm.
3	Birmingham ...		-	993·3	+4	NNW	3	b m	39	85	4	1	-	-	1	1	1500	997·8	+32	NNW	3	o m	39	95	4	6	-	-	10	10	800	1	*	bm	bbcem	c	cbcc
	Upper Heyford		0·1	993·0	-2	N	3	bF	32	95	1	-	-	-	0	0	-	997·4	+30	N	3	cf-	34	95	3	5	-	-	9+	9+	2500	1	*	Fe	Fecf	cfm.	c
4	Ross-on-Wye		Tr	994·1	+6	NW	1	F	30	95	1	-	-	-	10	10	<150	998·5	+36	SW	1	of-	33	95	3	5	-	-	10	10	2500	1	*	Ff	cFbFcf	cfcm	cm.bb
5	Portland Bill ...		-	991·5	+16	NE	4	c	41	95	7	4	4	-	4-6	9+	2500	997·1	+24	NNE	3	bc	38	95	6	4	-	-	2-3	2-3	2500	1	3	cc	bcz.	bc	c
	Plymouth ...		3	991·5	+14	-	0	c	48	75	8	5	7	2	4-6	9	5700	997·9	+50	NNW	3	b zo	43	75	5	-	3	-	0	1	-	1	1	crom.	cybm.	bz.b	bw
	The Lizard ...		3	991·0	+14	ENE	4	dodo	44	95	4	5	-	-	10	10	800	998·0	+54	N	5	bc	41	95	8	4	-	-	2-3	2-3	2500	1	2	oprdom	ocbc	bcc	pr.bc
	Scilly (St. Mary's)		8	991·3	+14	E	4	dd	46	95	6	5	-	-	10	10	1500	1000·6	+60	NE'N	5	b	45	85	8	5	-	-	1	1	2500	1	3	orddm	oddbc	bcbc	bcc
	Guernsey ...		8	990·0	+16	NNE	1	o	48	95	7	5	-	-	10	10	800	995·6	+40	NE	2	o	46	95	6	5	-	-	10	10	800	1	1	orro	o	obcbbc	bc
6	Pembroke ...		Tr	992·7	+10	NE	3	bc	43	85	7	7	-	-	4-6	4-6	2500	998·6	+40	N	3	c	43	95	7	8	-	-	7-8	7-8	2500	1	1	bcm.	bcc	c	cbc 9
7	Holyhead ...		-	994·4	+16	NNE	1	c	44	85	8	7	5	-	7-8	9+	2500	998·8	+32	N'W	3	c	46	85	7	5	-	-	10	10	4000	1	1	bcr.b,c	cbcc	pr.bc	bcc
	Chester (Sealand)		2	994·3	+8	NW'W	3	bc zo	41	85	6	5	-	-	2-3	2-3	4000	998·6	+26	WNW	3	c zo	42	85	6	5	-	-	9+	9+	4000	1	*	zFF, m.	bcvcm.	cm.bc	bcpr.
8	Manchester ...		1	993·6	+8	NW	2	o zo	40	85	5	5	-	-	10	10	2500	997·8	+30	NW'N	2	cf+	39	95	3	5	-	-	9+	9+	4000	1	*	cfm.m	cm.f	cff	cfcFR
10	Spurn Head ...		1	991·2	+2	WNW	4	bc f-	40	95	3	5	-	-	4-6	4-6	<150	994·5	+16	NW	3	c	41	95	7	5	7	-	4-6	9	2500	1	2	ff	fprc	cbc	bcc
	Catterick ...		Tr	992·9	+10	N	3	c/pr	44	85	7	8	9	-	7-8	9	2500	996·6	+28	NNW	2	c	43	75	8	5	-	-	9+	9+	4000	1	*	cr.cpr.	c	cbc	cbpr.
	Tynemouth ...		1	992·1	+12	N	3	c	45	85	6	4	-	-	7-8	7-8	4000	995·3	+20	NNW	3	bc	44	85	7	4	-	-	4-6	4-6	4000	1	2	orc	cbc	bcc	c
11	Inchkeith ...		2	994·0	+8	S	2	c	42	95	6	5	3	-	4-6	7-8	800	997·6	+20	NW	2	c	41	85	8	5	3	-	4-6	9	4000	0	1	c	cbcc	c	czbc
	Leuchars ...		2	994·1	+12	NW	2	bc	43	85	8	7	3	-	4-6	4-6	4000	997·3	+26	W	1	b	36	95	7	1	-	-	Tr	Tr	4000	1	*	cbc	bcb	bf b	bx
12	Renfrew (Abbots I.)		0·1	995·2	+6	SW	1	bcm	39	95	4	7	3	-	2-3	4-6	4000	998·2	+22	WSW	2	bcf	36	95	3	5	-	-	4-6	4-6	4000	1	*	irolfbcm	mcbeff	bcffmx	bx
	Eskdalemuir ...		Tr	994·1	+10	N'W	3	bc	43	75	7	8	9	-	4-6	4-6	1500	997·8	+24	NNW	1	bcm	37	85	4	5	-	-	4-6	4-6	1500	1	*	pr.bc	bcbcm	cm.c	cbcb
	Point of Ayre...		-	994·9	+16	NNE	3	c	43	85	8	-	7	-	0	0	-	998·7	+28	N'W	4	c	44	85	8	5	-	-	7-8	7-8	2500	1	2	bco	oc	c	cbc
13A	Tiree ...		0·2	996·1	-12	N	3	c	45	85	9	4	3	-	1	9	4000	999·4	+26	N	4	b	43	75	9	4	3	-	Tr	1	4000	0	2	bxbcc	cbcb	bc	bcb
13B	Stornoway ...		-	997·2	+10	NNE	4	c/pr	42	85	8	8	7	-	4-6	7-8	1500	1000·0	+14	NNE	4	bc	38	85	8	8	7	-	2-3	4-6	1500	1	2	cpr.	cpr.bc	cpr.bc	bcpr.
15	Dalwhinnie ...		-	995·2	+12	NE	1	c	38	95	7	4	2	-	4-6	10	2500	997·8	+18	NE	1	c	35	85	7	4	6	-	4-6	9	2500	1	*	i.oc	c	*	c
	Aberdeen ...		2	993·5	+12	NW'N	3	b	44	85	8	8	-	-	7-8	7-8	2500	996·7	+26	NW	3	bc/pr	39	95	7	8	-	-	4-6	4-6	1500	1	1	bc	bbcpr	cpr.b	bcbx
	Wick ...		2	994·3	+6	N	3	c	44	85	7	8	6	-	7-8	9	1500	996·6	+14	NW	3	bc	38	85	8	6	1	-	4-6	4-6	1500	1	2	cprc	cbc	bcpr.	bcprs
16	Lerwick ...		3	995·8	0	NW	3	bc	40	85	8	5	8	9	2-3	4-6	1500	994·7	+8	NNW	4	bc	39	86	8	8	7	-	2-3	4-6	1500	1	*	cbc pr.	bcpr.	bcpr	bccprbc
17	Blacksod Point		Tr	997·6	+20	-	0	pr.	44	95	8	3	-	-	7-8	7-8	1500	1002·1	+32	W	3	c	44	85	7	7	-	-	7-8	7-8	800	1	3	pr.c	prc	pr.c	pr.c
18	Malin Head ...		-	996·3	+12	WNW	1	bc	45	95	7	4	-	-	2-3	2-3	2500	999·6	+28	NNW	1	c	45	95	7	5	-	-	9+	9+	2500	1	1	cbc	bcc	cpr	cpr
	Aldergrove ...		0·3	996·2	+14	-	0	bF	32	95	1	-	-	-	0	0	-	999·9	+24	-	0	bczo	33	95	5	7	-	-	4-6	4-6	4000	1	*	oFFbf	cFbfmbc	bcm.cbx	bmxbm
19	Birr Castle ...		-	998·1	+20	NNW	1	0	32	95	7	5	-	-	10	10	2500	1002·7	+22	S	1	c	35	95	7	5	-	-	7-8	7-8	2500	1	*	ff.o	oc	cbcxpr	cbcxpr
20	Valentia Obsy. †		Tr	998·3	+40	N	3	b	44	75	9	-	-	1	0	Tr	-	1005·2	+38	-	0	pr.	42	95	8	5	-	-	9+	9+	1500	1	3	bcxbv	bvbccp	cpr.c	cbcw
	Roches Point		Tr	997·1	+24	N'E	3	b	41	85	8	-	-	-	0	0	-	1004·3	+46	NNE	3	0	38	95	8	5	-	-	10	10	1500	1	4	bcb	bbcc.c	ocbc ⦶	bcwbw

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.*

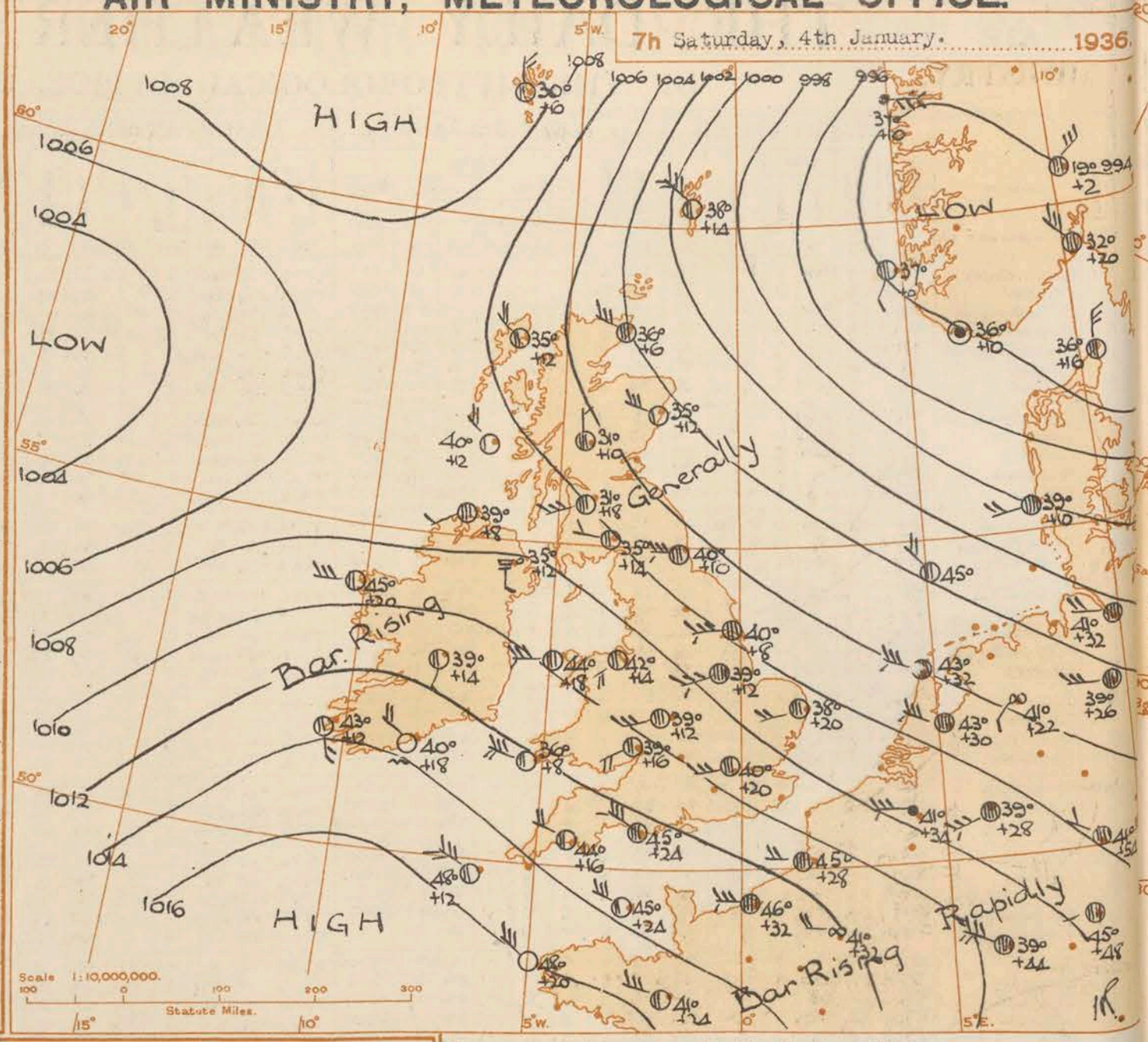
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 3rd January 1936

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	ofcf	bcfbf	37	37	—	—	0·2
	Bournemouth	o	bcbc	37	41	—	—	1·6
	Ventnor ...	rmou	cz	40	42	0·5	—	0·6
	Southsea ...	omc	bc	39	42	—	—	1·1
	Bognor Regis	ccc	bcebc	40	42	0·3	—	1·0
	Littlehampton	ocbc	bcb	39	42	—	—	0·8
	Worthing ...	c	cbcb	39	42	Trace	—	1·2
	Brighton ...	oe	cb	40	42	—	—	0·6
	Eastbourne†	fo	ocbm	39	48	0·1	—	0·2
	Hastings‡ ...	omom	cbcem	40	47	1	—	0·2
	Folkestone ...	ocfo	ocof	37	39	—	—	0·1
	Dover... ...	moc	mco	37	40	—	—	0·0
	Deal	o	of	37	41	—	—	0·0
	Ramsgate ...	cm	cm	38	40	—	—	0·0
	Margate ...	c	c	39	40	0·1	—	0·0
2	Southend ...	of	of	35	36	Trace	—	0·0
	Maldon ...	FF	oc	34	36	—	—	0·0
	Clacton-on-Sea	ocfc	cfm	34	36	Trace	Trace	0·0
	Dovercourt ...	foc	foc	33	36	Trace	—	0·0
	Lowestoft ...	idocf	foc	34	38	0·6	—	0·0
	Skegness ...	Fobc	bcom	30	42	0·5	Trace	0·3
	Mablethorpe	cxmom	omor	30	42	3	Trace	0·0
	Cleethorpes ...	oef	co	33	43	3	—	0·5
3	Leamington S.	of	of	30	34	—	—	0·0
4	Cheltenham†	ofc	cof	30	38	0·3	Trace	0·0
5	Bath	cbc	cm	34	39	Trace	—	0·4
	Weymouth ...	mc	ecb	38	43	—	—	1·4
	Jersey ...	rcr	cd	44	51	10	4	0·0
	Torquay ...	omc	bcm	38	44	1	—	1·0
	Penzance ...	dodd	cebcb	43	47	2	0·5	0·0
	St. Ives ...	d	c	43	50	4	Trace	0·0
	Bude	bc	bc	31	46	—	—	4·0
	Ilfracombe ...	pocbc	bbcz	37	44	0·3	—	4·4
6	Aberystwyth	xzbc	bcz	30	43	—	—	6·5
7	Llandudno ...	cmc	c	36	43	0·5	—	0·1
	Colwyn Bay...	bccbc	bccoo	37	44	1	—	0·9
	Rhyl	cmobc	bcem	35	43	0·3	—	1·3
8	Wallasey ...	cbc	c	39	42	3	—	1·5
	Southport‖ ...	bcc	oco	37	40	2	—	2·1
	Blackpool ...	c	omc	38	40	0·2	—	1·3
	Morecambe ...	dfcc	cbcbc	36	40	Trace	—	0·8
9	Ilkley... ...	c	c	36	43	—	—	0·0
	Harrogate ...	cbc	cbc	38	43	—	—	0·0
10	Berwick-on-T.	c	cbcc	38	44	5	—	0·0
11	Dunbar ..	bc	bc	39	43	3	—	0·0
12	Troon... ...	ofocb	cbcbf	35	43	—	—	1·9
	Douglas ...	bcxcb	ccb-	33	45	—	—	1·5

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 6/10 to 9/10 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. 4th January, 1936

Districts.	Forecasts
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Wind westerly light to moderate, backing; fine today, more cloud tomorrow; rather cold during the day; frost and local fog inland at night.
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	Wind light variable becoming southwest; fine today, more cloud tomorrow; rather cold during the day; frost and local fog inland at night.
15. N.E. Scotland 16. Orkney and Shetland	Wind northwest to north moderate to fresh, decreasing; local rain or sleet showers today, fair tomorrow; rather cold.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind southwest, moderate; fair; becoming milder.

GENERAL INFERENCE.

A ridge of high pressure is moving eastwards over the British Isles while a shallow depression west of Scotland is approaching slowly. Weather will be mainly fine today but there will be more cloud in the South and west tomorrow. Frost and local fog will occur inland tonight.

FURTHER OUTLOOK.

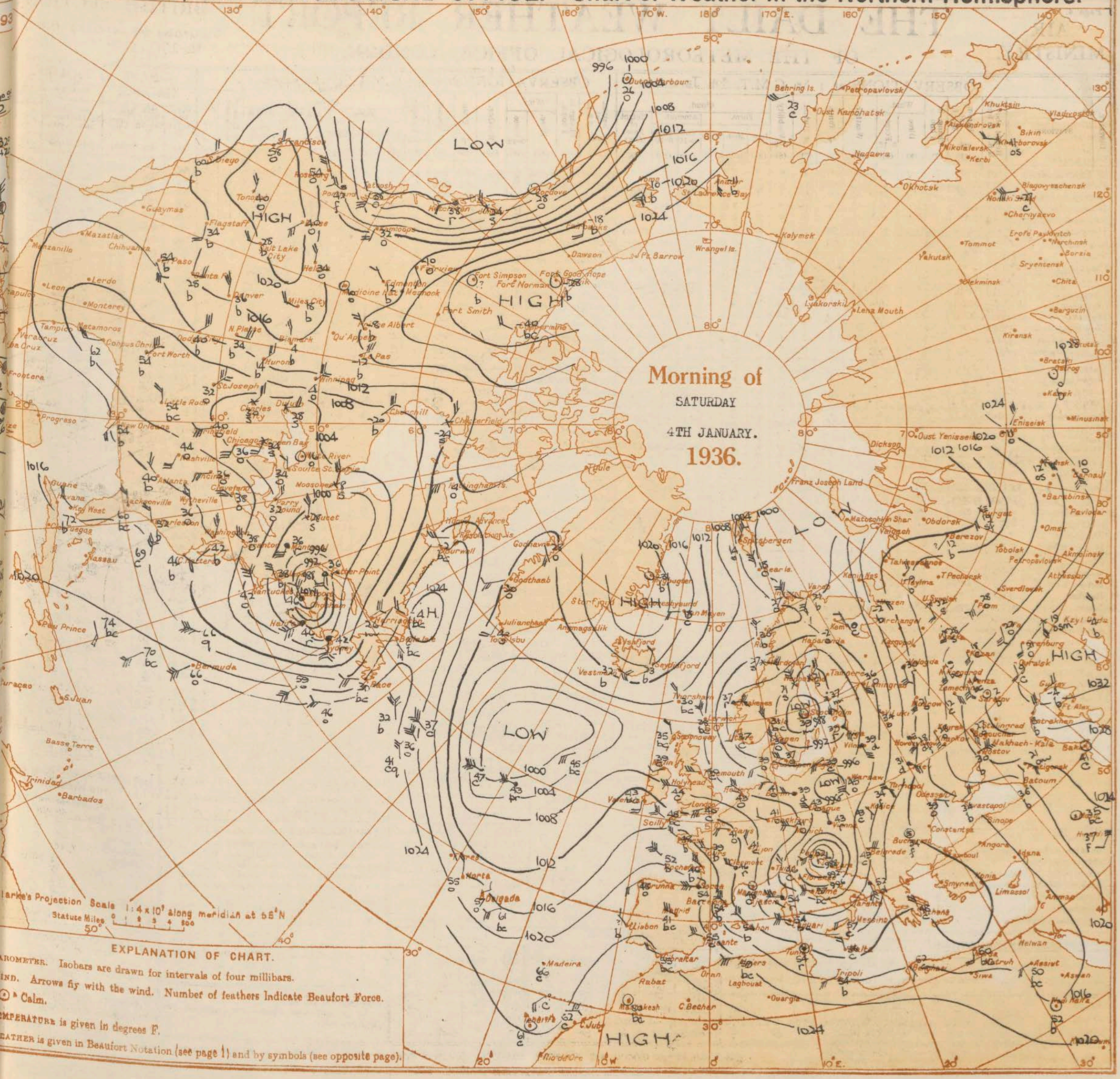
Fair and mainly dry; local rain in the Northwest.

Forecasts issued at 1000 G.M.T.

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

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

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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 4th January 1936

No 27071

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1005·0	+3·4	W'N	2	om	39	95	4	5	-	-	10	10	450
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1004·5	+3·4	WNW	2	cf+	38	95	3	5	-	-	10	10	1150
	Manston ...	142	1003·4	+3·4	W	3	cf	41	95	3	5	-	-	10	10	1150
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1001·4	+3·0	W'N	3	c	39	95	6	6	-	-	9+	9+	1500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1007·1	+3·6	NW	4	c	44	95	7	4	-	-	9	9	2500
	Plymouth ...	92	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1009·8	+4·0	W'N	4	c	44	85	8	8	7	-	7-8	9	2500
	Scilly (St. Mary's)	163	1011·6	+2·8	NW'N	4	bc	45	85	8	4	3	-	2-3	4-6	4000
	Guernsey ...	175	1007·6	+4·6	NNW	4	bc	44	85	6	5	-	-	4-6	4-6	2500
6	Pembroke ...	142	1007·4	+2·4	W'N'W	2	c	43	85	7	8	-	-	9	9	1500
7	Holyhead ...	26	1005·1	+2·2	W'N	4	bc	44	85	7	5	3	-	4-6	4-6	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1001·7	+1·6	NW'W	5	bc	40	95	7	-	2	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1001·4	+2·0	WNW	2	c	40	85	6	5	-	-	7-8	7-8	1500
11	Inchkeith ...	190	1002·6	+1·0	S	3	c	39	85	7	5	3	-	4-6	9	800
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1003·7	+1·6	NW'W	4	c	44	85	7	5	-	-	9+	9+	4000
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1003·6	+1·2	NNW	3	bc	36	85	8	8	7	-	2-3	4-6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1000·2	+1·2	NW	2	bc	36	85	8	8	7	-	2-3	4-6	1500
16	Lerwick ...	156	999·2	+1·6	NW	4	bc/pr	38	85	8	8	-	-	4-6	4-6	1500
17	Blacksod Point	18	1006·8	+1·6	W	2	c	41	95	8	-	5	-	0	10	-
18	Malin Head ...	52	1004·5	+1·6	NNW	1	c	42	95	7	8	-	-	7-8	7-8	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1000·8	+1·0	W	3	bc/pr	45	95	8	8	-	-	4-6	4-6	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High (25)	Amount Low 0–10 (26)	Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1010·4	+2·4	WSW	2	$0z_0$	40	95	6	5	-	-	10	10	2500	1	*
	Croydon ...	1010·0	+2·0	WSW	3	c	40	85	6	5	-	-	9+	9+	5700	1	*
	S. Farnborough	1010·8	+2·0	W'S	2	c	40	85	7	5	-	-	9+	9+	4000	1	*
	Boscombe Down	1011·2	+1·8	W	4	c	40	95	7	5	-	-	7-8	7-8	2500	1	*
	Calshot (Sthmtn.)	1011·5	+3·0	W'S	2	c	41	95	7	5	-	-	9+	9+	4000	1	2
	Lympne ...	1010·2	+2·2	WNW	3	bcm	36	95	4	-	3	1	0	2-3	-	1	§1
	Manston ...	1009·4	+2·4	W	3	bc/f	39	85	4	-	-	1	0	2-3	-	1	*
2	Shoeburyness ...	1009·2	+2·0	W	2	cf	40	95	3	5	2	-	9	10	1500	1	*
	Felixstowe ...	1008·4	+2·2	WNW	3	cz_0	40	85	5	5	5	-	4-6	7-8	4000	1	1
	Gorleston ...	1006·9	+2·0	WSW	2	c	38	85	6	5	-	-	9+	9+	2500	1	2
	Mildenhall ...	1007·9	+1·6	SSW	3	om	39	95	4	5	-	-	10	10	800	1	*
	Cranwell ...	1007·6	+1·2	WSW	4	o/pr	39	95	6	5	-	-	10	10	1500	1	*
3	Birmingham ...	1009·1	+1·2	WSW	3	c	39	85	7	-	3	-	0	7-8	-	1	*
	Upper Heyford	1010·0	+2·0	W	1	o	38	95	7	5	-	-	9+	10	4000	1	*
4	Ross-on-Wye	1010·2	+1·6	SW	2	bc	39	85	6	5	-	-	1	1	2500	1	*
5	Portland Bill ...	1012·0	+2·4	NW	4	c	45	85	8	4	-	-	9	9	2500	1	3
	Plymouth ...	1013·3	+1·6	WNW	2	bc	44	95	7	7	-	-	2-3	2-3	2500	1	1
	The Lizard ...	1014·0	+1·0	W	5	bc	47	85	8	8	-	-	4-6	4-6	2500	1	3
	Scilly (St. Mary's)	1014·5	+1·2	NWW	5	bc	48	85	8	2	6	-	4-6	4-6	4000	1	3
	Guernsey ...	1013·7	+2·4	NW	3	bc	45	75	7	1	7	-	2-3	4-6	2500	2	3
6	Pembroke ...	1010·2	+1·8	WNW	5	bcq	46	85	7	5	-	-	4-6	4-6	4000	1	3
7	Holyhead ...	1008·7	+1·8	W	4	c	44	95	7	5	1	-	4-6	9+	4000	1	2
	Chester (Sealand)	1003·3	+1·4	WSW	2	bc	42	75	7	5	-	-	4-6	4-6	4000	1	*
8	Manchester ...	1007·8	+1·8	WNW	3	PR	41	95	6	6	7	-	7-8	10	800	2	*
10	Spurn Head ...	1005·6	+1·8	W	4	c	40	95	6	5	2	-	4-6	9	1500	1	3
	Catterick ...	1005·8	+1·4	-	0	c/pr	41	85	7	8	7	-	4-6	9+	1500	1	*
	Tynemouth ...	1003·5	+1·0	W	3	c	40	85	7	5	[illegible]	-	7-8	7-8	1500	1	2
11	Inchkeith ...	1004·7	+1·4	SW	3	bc	37	95	7	5	-	-	2-3	2-3	800	0	2
	Leuchars ...	1004·6	+2·0	NW	1	b	36	75	8	-	3	-	0	1	-	1	*
12	Renfrew (Abbotsl.)	1006·2	+1·8	W'S	3	b	31	95	7	-	-	-	0	0	-	4	*
	Eskdalemuir ...	1005·9	+1·4	W'N	1	bc	35	95	7	5	-	-	2-3	2-3	2500	1	*
	Point of Ayre ...	1007·3	+1·2	NW'N	4	bc	44	85	8	4	-	-	2-3	2-3	2500	1	2
13A	Tiree ...	1006·5	+1·2	NNW	2	b	40	75	8	-	3	-	0	1	-	0	2
13B	Stornoway ...	1005·9	+1·2	NNW	2	bc	35	85	8	5	7	-	2-3	4-6	1500	1	1
15	Dalwhinnie ...	1006·0	+1·0	N	1	c	31	85	7	4	2	-	4-6	10	2500	4	*
	Aberdeen ...	1003·2	+1·2	WNW	3	b	35	85	8	4	-	-	Tr	Tr	4000	4	1
	Wick ...	1001·9	+1·6	WNW	3	c	36	85	8	8	7	-	4-6	7-8	1500	1	2
16	Lerwick ...	999·6	+1·4	NNW	5	bc/pr	38	95	8	8	-	-	4-6	4-6	800	1	*
17	Blacksod Point	1008·8	+2·0	W	3	bc	45	85	7	4	-	-	2-3	2-3	1500	1	3
18	Malin Head ...	1006·6	+1·8	SW	1	c	39	95	7	8	-	-	9	9	1500	1	1
	Aldergrove ...	1008·0	+1·2	S'W	1	bm	35	95	4	-	-	-	0	0	-	1	*
19	Birr Castle ...	1010·5	+1·4	SSW	1	bc/pr	39	95	8	5	-	-	4-6	4-6	2500	1	*
20	Valentia Obsy. †	1013·6	+1·2	SSW	2	bc	43	95	8	5	-	-	2-3	2-3	1500	1	3
	Roches Point	1013·8	+1·8	NW	2	b	40	95	8	-	-	-	0	0	-	1	4

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.	Night 18h–7h mm.	Sunshine 3rd Hrs. (36)
1	London (Kew)	40	37	35	-	-	0·4
	Croydon ...	39	37	36	Tr	Tr	0·0
	S. Farnborough	37	36	35	-	Tr	0·2
	Boscombe Down	39	32	31	-	-	2·5
	Calshot (Sthmtn.)	42	35	33	Tr	-	1·6
	Lympne ...	39	34	31	Tr	-	0·0
	Manston ...	39	36	34	Tr	-	0·0
2	Shoeburyness ...	37	36	33	-	-	0·0
	Felixstowe ...	37	37	34	-	-	0·0
	Gorleston ...	38	37	35	-	Tr	0·0
	Mildenhall ...	36	36	33	0·1	-	0·0
	Cranwell ...	40	35	33	0·1	Tr	0·0
3	Birmingham ...	40	37	34	-	-	2·3
	Upper Heyford	34	34	32	0·1	-	*
4	Ross-on-Wye	33	33	29	0·3	-	0·0
5	Portland Bill ...	43	37	*	0·5	-	*
	Plymouth ...	48	38	34	0·3	-	0·1
	The Lizard ...	47	38	*	2	0·2	*
	Scilly (St. Mary's)	48	43	*	4	-	0·0
	Guernsey ...	51	43	*	5	-	0·0
6	Pembroke ...	47	42	*	-	Tr	6·4
7	Holyhead ...	46	43	42	Tr	0·1	3·6
	Chester (Sealand)	42	33	31	-	0·2	1·9
8	Manchester ...	42	38	33	-	2	1·1
10	Spurn Head ...	42	38	*	0·3	-	1·1
	Catterick ...	44	37	30	Tr	Tr	0·1
	Tynemouth ...	45	39	34	0·5	-	0·0
11	Inchkeith ...	43	35	32	-	0·1	0·2
	Leuchars ...	44	33	28	-	-	1·8
12	Renfrew (Abbotsl.)	40	29	23	0·2	-	2·7
	Eskdalemuir ...	44	35	30	Tr	Tr	2·0
	Point of Ayre ...	44	42	-	0·1	-	0·9
13A	Tiree ...	46	39	36	-	-	2·3
13B	Stornoway ...	44	34	*	0·5	0·6	0·2
15	Dalwhinnie ...	38	29	22	1	-	0·0
	Aberdeen ...	44	35	30	0·3	0·1	2·1
	Wick ...	44	34	*	0·1	1	*
16	Lerwick ...	43	36	*	0·1	2·2	0·6
17	Blacksod Point	46	39	*	1	0·2	*
18	Malin Head ...	45	36	*	-	3	3·5
	Aldergrove ...	38	29	27	0·1	0·1	0·8
19	Birr Castle ...	35	33	30	-	2	0·0
20	Valentia Obsy. †	45	40	35	Tr	0·4	5·7
	Roches Point	41	38	*	-	Tr	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Afternoon.	Night.	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Night mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	9h. G.M.T. % (To-day.)	Visibility 9h.
KEW ...	18	cofbf	bfom	cm	40	37	35	-	-	0·4	*	*	6
CROYDON ...	217	omff	offfe	ocfmr	39	37	36	Tr	Tr	0·0	*	*	6
GREENWICH (Royal Observatory) ...	149	ff	ff	fcrom	39	39	32	-	0·3	0·0	96	87	4
CITY (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	0·1	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	42	37	31	—	—	0·0	95	86	*
REGENTS PK. (Botanic Gardens)‡ ...	168	*	*	*	48	35	34	Tr	Tr	0·6	91	85	*
CAMDEN SQUARE ...	110	fc	bcc	*	41	35	30	-	-	*	*	89	*
KENSINGTON ...	80	c	coc	*	41	37	33	-	-	0·4	85 At 18h.	98	*
HAMPSTEAD OBSERVATORY ...	450	omd	bc	omd	38	32	26	Tr	Tr	1·6	*	96	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.	Kew Observatory. Max.	Time.	Min.	Time.
2·0	12-13h 3rd	<0·3	4h 4th	1·0	11h 3rd	0·1	6h 4th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 3rd January. Barom. mb.	Wind. Direc.	Force.	Weather.	Temp. °F.	7h. G.M.T. 4th January. Barom. mb.	Wind. Direc.	Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Night mm.
PARIS ...	993·5	W	4	rr	46	1012·1	W	2	z_0	41	55	39	15	0·3
BRUSSELS ...	991·6	N	3	8_0	45	1007·6	W	3	10_0	41	46	37	-	0·2
BERLIN ...	991·9	-	0	0	41	999·8	W'N	2	10_0	39	46	37	-	Tr
ZURICH ...	1000·8	SW	5	0	50						54		3	
ROME ...	1008·3	ESE	7	0	55	1001·3	W	6	bc	57	*	*	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	1½ miles.
5 Poor visibility	2½ ,,
6 Moderate ,,	6½ ,,
7 Good ,,	12½ ,,
8 Very good ,,	31 ,,
9 Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

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

† 6hr. observations are from Valentia W/T Station. ‡ Maximum and Minimum Temperatures are for the 24 hours ending 8 a.m. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

SUNDAY, 5th. JANUARY 1936

No. 27072

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1013·5	+6	WSW	2	c3o	45	85	6	5	3	7	2-3	9+	1500
	Croydon ...	1013·6	+6	W'S	3	c3o	44	85	6	5	7	6	4-6	9	4000
	S. Farnborough	1013·9	+8	W'N	4	pr	47	75	7	8	3	-	7-8	9	5700
	Boscombe Down	1014·7	+10	W	4	c	47	85	7	5	-	-	7-8	7-8	2500
	Calshot (Sthmtn.)	1014·7	+8	W	3	bc	48	75	8	7	3	-	4-6	4-6	1500
	Lympne ...	1013·8	+6	W	3	bc3o	43	85	6	5	3	-	4-6	4-6	5700
	Manston ...	1013·0	+6	W'S	3	bc3o	45	75	6	5	3	-	4-6	4-6	4000
2	Shoeburyness ...	1012·6	+10	W'S	2	cm	44	95	4	5	2	-	7-8	9	4000
	Felixstowe ...	1012·1	+10	W	3	bc3o	43	85	6	5	3	1	2-3	4-6	5700
	Gorleston ...	1010·6	+10	W'S	3	c	42	85	6	5	3	-	4-6	7-8	2500
	Mildenhall ...	1011·7	+10	SW	4	c3o	44	85	5	5	3	9	2-3	9	4000
	Cranwell ...	1010·9	+10	WSW	4	bc3o	41	85	5	5	3	1	2-3	4-6	5700
3	Birmingham ...	1012·1	+10	W	3	bc	45	75	6	-	3	2	0	4-6	-
	Upper Heyford	1013·1	+10	W	4	c	43	85	8	5	7	8	4-6	7-8	4000
4	Ross-on-Wye	1013·0	+10	W	3	pr	48	75	8	8	-	-	4-6	4-6	4000
5	Portland Bill ...	1014·8	+16	WNW	4	bc	48	85	8	4	4	-	2-3	4-6	2500
	Plymouth ...	1016·6	+10	W'N	4	bc	49	75	8	2	-	1	2-3	2-3	1500
	The Lizard ...	1017·3	+16	W	5	bc	50	85	8	8	4	4	4-6	4-6	2500
	Scilly (St. Mary's)	1017·7	+6	W'N	3	bc	51	75	8	2	6	-	2-3	4-6	4000
	Guernsey ...	1017·0	+6	NW	4	bc	50	85	7	7	2	-	2-3	4-6	2500
6	Pembroke ...	1014·3	+16	WNW	4	bc	48	75	7	7	-	-	2-3	2-3	4000
7	Holyhead ...	1011·7	+10	W	3	c	45	85	8	5	-	-	10	10	1500
	Chester (Sealand)	1011·9	+10	W'N	3	c3o	45	85	6	5	-	8	9	9+	2500
8	Manchester ...	1011·4	+14	W'N	3	c3o	43	95	6	5	-	-	9+	9+	2500
10	Spurn Head ...	1009·4	+14	WNW	4	f	42	95	3	5	7	-	4-6	7-8	4150
	Catterick ...	1009·6	+12	NW	3	bc	42	65	8	1	-	6	1	4-6	4000
	Tynemouth ...	1008·6	+24	W	2	bc	40	75	6	4	-	-	2-3	2-3	4000
11	Inchkeith ...	1008·6	+4	SW	3	bc	38	85	7	5	5	-	2-3	4-6	800
	Leuchars ...	1008·4	+12	W	3	b	39	65	8	7	-	4	Tr	1	4000
12	Renfrew (Abbotsl.)	1009·4	+10	W'S	3	bc3o	40	85	6	-	1	6	0	4-6	-
	Eskdalemuir ...	1009·7	+10	WSW	1	bc	38	75	8	1	-	4	Tr	2-3	2500
	Point of Ayre...	1010·7	+10	NW'W	2	c	45	95	8	8	8	-	4-6	9	1500
13A	Tiree ...	1008·9	+6	-	0	c	37	85	9	7	4	6	Tr	9+	4000
13B	Stornoway ...	1008·6	+4	WNW	2	bc	38	85	8	8	-	3	4-6	4-6	1500
15	Dalwhinnie ...	*	+16	S	1	bc	36	65	8	4	6	1	1	2-3	2500
	Aberdeen ...	1007·0	+14	WNW	4	b	38	75	8	8	-	-	1	1	2500
	Wick ...	1005·7	+14	WNW	2	c	38	85	8	8	5	-	4-6	7-8	1500
16	Lerwick ...	1003·7	+20	NNW	4	bc/pr	37	85	8	8	7	-	4-6	4-6	1500
17	Blacksod Point	1010·6	-2	SW	3	c	46	85	8	3	-	7	4-6	9+	1500
18	Malin Head ...	1008·8	+2	SW	1	ir	43	95	7	9	-	-	9+	9+	1500
	Aldergrove ...	1010·4	+6	SSW	3	c3o	39	95	6	5	7	-	9	10	1500
19	Birr Castle ...	1013·1	+6	SSW	1	c	43	95	8	5	-	-	7-8	7-8	2500
20	Valentia Obsy.†	1013·3	-16	S'E	3	c	47	85	8	5	2	-	4-6	10	1500
	Roches Point	1015·6	-2	SW	2	c	45	85	8	5	2	-	4-6	9+	1500

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

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)	1015·7	+12	SW	2	c3o	43	95	5	5	3	-	7-8	9	2500	1	*
	Croydon ...	1015·6	+14	W'S	3	bc3	44	85	6	-	4	-	0	2-3	-	1	*
	S. Farnborough	1016·4	+12	WSW	2	b	41	95	7	5	-	-	1	1	5700	1	*
	Boscombe Down	1017·0	+14	W'S	2	c	40	95	7	5	-	-	7-8	7-8	5700	1	*
	Calshot (Sthmtn.)	1016·6	+12	W'S	3	bc	43	95	8	5	3	-	2-3	2-3	2500	1	2
	Lympne ...	1016·5	+14	W	2	c	41	95	6	5	-	-	7-8	7-8	4000	1	§ 2
	Manston ...	1015·8	+20	WSW	3	b3	41	85	6	-	-	1	0	1	-	1	*
2	Shoeburyness ...	1015·6	+14	W'S	1	cm	41	95	4	5	3	-	7-8	9+	4000	1	*
	Felixstowe ...	1015·0	+20	SW	2	c3o	42	85	5	5	3	-	2-3	7-8	4000	1	1
	Gorleston ...	1013·7	+20	WSW	3	b3o	39	95	6	-	-	-	0	0	-	1	2
	Mildenhall ...	1014·5	+16	SSW	2	c3o	43	95	5	5	7	-	4-6	9+	4000	1	*
	Cranwell ...	1013·4	+10	WSW	2	bc3o	41	85	5	-	4	-	0	2-3	-	1	*
3	Birmingham ...	1014·1	+12	WSW	3	bc	42	85	6	5	-	-	4-6	4-6	1500	1	*
	Upper Heyford	1015·7	+18	W	3	c/r	42	85	8	5	-	-	7-8	7-8	2500	1	*
4	Ross-on-Wye	1015·2	+14	W	3	bc	43	75	8	-	7	-	0	4-6	-	1	*
5	Portland Bill ...	1017·2	+20	WNW	3	bc	47	85	8	4	4	-	2-3	4-6	2500	1	3
	Plymouth ...	1017·6	+8	SW	1	bc3o	46	85	6	5	-	1	1	2-3	1500	1	2
	The Lizard ...	1017·4	0	SW'W	4	bc	47	95	8	5	7	8	2-3	4-6	2500	1	3
	Scilly (St. Mary's)	1016·2	-10	SW'S	4	c	48	95	8	5	6	-	4-6	7-8	4000	1	2
	Guernsey ...	1018·8	+10	W'N	2	bc	46	85	7	-	7	-	0	2-3	-	1	3
6	Pembroke ...	1014·2	-2	SW	3	c	47	85	7	4	-	-	9	9	4000	1	3
7	Holyhead ...	1012·7	+2	SWW	2	c	46	85	7	7	1	-	4-6	10	2500	1	2
	Chester (Sealand)	1013·9	+10	SW	1	bc3o	42	85	6	5	-	-	2-3	2-3	1500	1	*
8	Manchester ...	1013·3	+10	W'S	2	c/r	43	95	5	5	-	-	9+	9+	1500	1	*
10	Spurn Head ...	1012·4	+12	WNW	3	bcf	39	95	3	5	-	-	4-6	4-6	4150	0	2
	Catterick ...	1012·0	+6	-	0	bc	35	85	8	1	4	-	1	2-3	4000	1	*
	Tynemouth ...	1011·1	+20	W	2	bc	37	75	6	5	-	1	2-3	4-6	1500	1	2
11	Inchkeith ...	1010·1	+18	SW	2	cm	37	85	4	5	5	-	2-3	7-8	800	0	2
	Leuchars ...	1010·5	+14	SSW	2	bc	32	85	8	-	7	-	0	2-3	-	1	*
12	Renfrew (Abbotsl.)	1010·2	+2	-	0	c++	34	95	3	5	-	-	10	10	4000	1	*
	Eskdalemuir ...	1011·7	+6	NW	1	c	30	95	7	5	-	-	7-8	7-8	2500	4	*
	Point of Ayre...	1011·4	+6	WNW	3	c	44	85	8	8	-	-	10	10	1500	1	1
13A	Tiree ...	1008·8	0	E'S	3	c/r	38	85	8	6	7	7	9	10	2500	1	2
13B	Stornoway ...	1009·5	+6	N	2	bc	35	85	8	8	-	6	4-6	4-6	1500	1	1
15	Dalwhinnie ...	*	+10	S	1	c	25	95	8	4	-	8	1	9+	2500	4	*
	Aberdeen ...	1008·3	+14	W	3	b	35	75	7	-	-	9	0	1	-	1	1
	Wick ...	1008·2	+8	W	2	bc	34	95	8	8	6	-	4-6	4-6	1500	1	2
16	Lerwick ...	1007·0	+14	N'E	4	c/pr	37	85	8	8	7	-	4-6	7-8	1500	1	*
17	Blacksod Point	1007·4	-12	S	3	c	45	85	8	5	-	-	10	10	1500	0	3
18	Malin Head ...	1008·4	-2	S	1	c	40	95	7	8	7	-	4-6	9+	1500	1	1
	Aldergrove ...	1010·7	-2	S	3	c	38	95	7	5	7	6	4-6	10	1500	1	*
19	Birr Castle ...	1010·9	-16	SSW	1	c	42	95	8	5	-	-	9	9	2500	1	*
20	Valentia Obsy.†	1007·4	-34	S'W	4	rr	49	95	6	6	-	-	10	10	800	1	3
	Roches Point	1011·4	-26	SSW	4	ir	47	95	7	6	-	-	9	9	1500	1	4

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 4th (37)	13h.—18h. 4th (38)	18h. 4th to 1h. 5th (39)	1h.—7h. 5th (40)
1	London (Kew)	cm	cm	cmb	bcm
	Croydon ...	cbccm	cbcmw	bcwmbw	bcwmc
	S. Farnborough	bccpr	prcbc	bbcx	bcc
	Boscombe Down	cbcc	cbcc	cbcw	bccw
	Calshot (Sthmtn.)	cbc	bcc,bc	bccw	bcbw
	Lympne ...	cbcm	bccm	bcbmwx	bmxb
	Manston ...	bmcbm	bccbm	bcmcb	bcxbc
2	Shoeburyness ...	cm	cm	cmb	bbcx
	Felixstowe ...	cmbcz	bcz,cz	czbcb	bwc
	Gorleston ...	cfcz	bcbz	cwz	xbcz
	Mildenhall ...	omcm	cm	cmrb	bxbcm
	Cranwell ...	cpr	bccm	bcpr	cmor
3	Birmingham ...	prbc	bcpr	bc	bcc
	Upper Heyford	cbcc	cbccr	cbcc	crbc
4	Ross-on-Wye	bccrbc	bccbc	bcc	cc
5	Portland Bill ...	cbc	bc	o	oc
	Plymouth ...	bccprmbc	bcbzw	bzwc	c
	The Lizard ...	bc	bc⊕	bcc	c
	Scilly (St. Mary's)	bc	bcc	c	cp
	Guernsey ...	bc	bc	bcw	bcwoo
6	Pembroke ...	bccqbc	bcqo	oqiro	oqiro
7	Holyhead ...	cprc	c	~~bcc~~	crrm
	Chester (Sealand)	cpro	cprdo	bcc	cir
8	Manchester ...	PRpr	cir	bm	bccrr
10	Spurn Head ...	*cf	ff	zc	cpr
	Catterick ...	cprcbc	bccbc	bbcc	cormo
	Tynemouth ...	cbc	bc	oirff	coir
11	Inchkeith ...	bcz	bcz	czzir	crr
	Leuchars ...	bxbcb	bbcb	bxbc	bccr
12	Renfrew (Abbotsl.)	bxzbc	bczczf	cbfrrm	comrr
	Eskdalemuir ...	bxbc	cbcx	prmo	crss
	Point of Ayre...	bcc	cpro	oprs	brrr
13A	Tiree ...	bcc	cir	cr	orr
13B	Stornoway ...	bcpro	bc	bcx	bcx
15	Dalwhinnie ...	cbc	c	*	iso
	Aberdeen ...	bxb	bbx	bx	bbcx
	Wick ...	cprsc	prsbc	prsbc	bc
	Lerwick ...	bcprs	bcopr	cprspmrs	cbcy
16	Blacksod Point	bc	cbc	R	cc
17	Malin Head ...	c	cpr	c	orr
18	Aldergrove ...	bmcirc	cim	circ	ctrc
19	Birr Castle ...	bcprc	c	c	corr
20	Valentia Obsy.†	bcwc	RRrr	[illegible]	ir
	Roches Point	bbcc	ccir	irorr	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/so, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
so/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. ro, slight rain.
rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ◐ lunar halo. ⚡ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; + has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

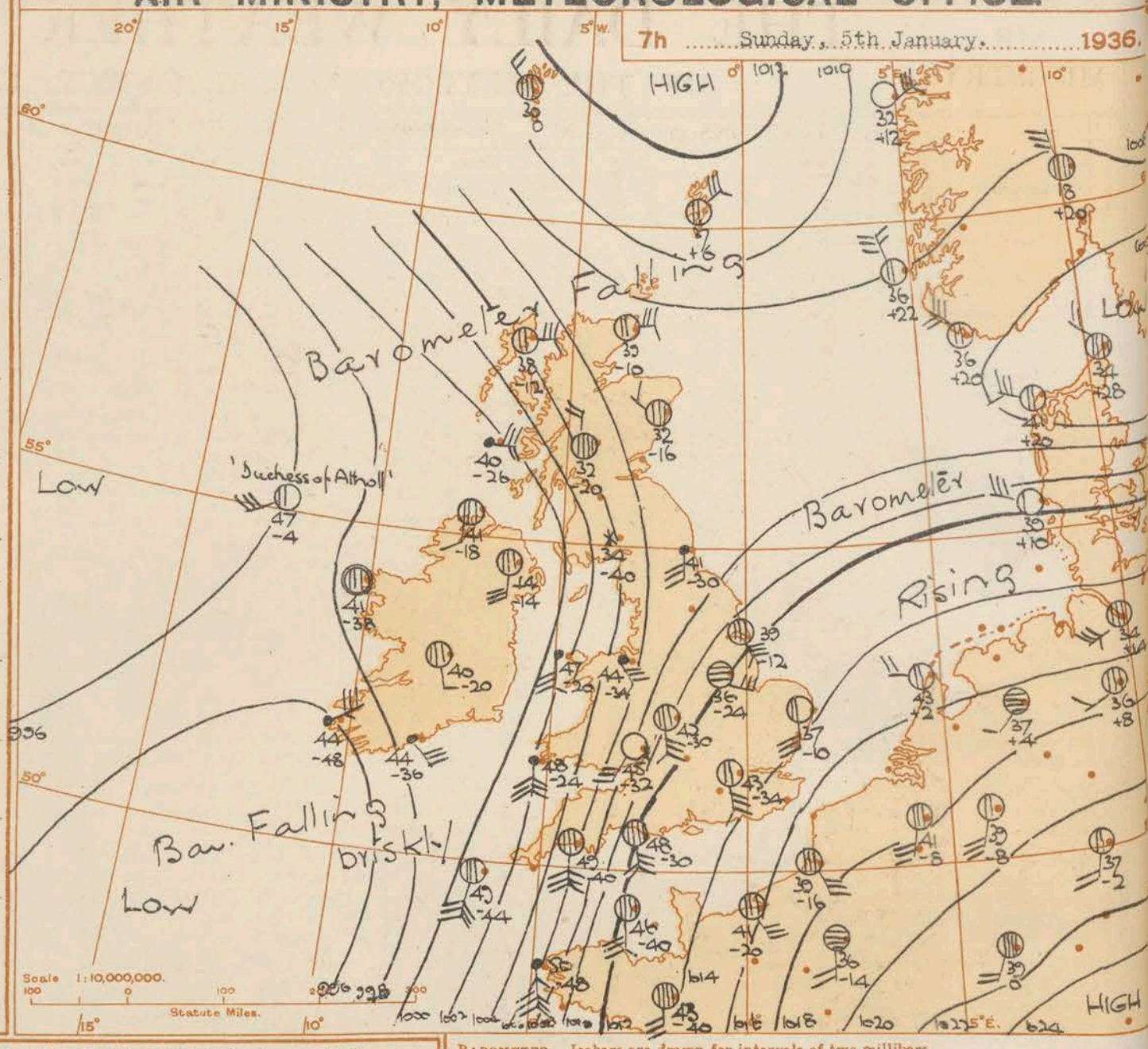
† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 4th January 1936.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	cbc	copcb	36	45	-	0·3	1·6
	Bournemouth	b	bbbc	34	49	-	-	5·0
	Ventnor ...	occ	bbc	36	50	-	-	5·7
	Southsea ...	bcb	bcpb	36	48	-	0·3	4·0
	Bognor Regis	cbcbc	bcbcr	36	48	-	0·3	3·5
	Littlehampton	cbc	bc	36	49	-	-	
	Worthing ...	c	cbcb	36	49	-	-	3·6
	Brighton ...	cb	b	34	47	-	-	3·4
	Eastbourne†	cbc	bcb	36	46	-	-	3·8
	Hastings† ...	cbcbc	bcbcp	36	47	-	Trace	1·9
	Folkestone ...	om bc	bccbc	35	46	Trace	-	1·0
	Dover... ...	mcbc	bc	36	47	-	-	2·0
	Deal	oc	bbc	36	46	-	-	2·0
	Ramsgate ...	cm	bc	37	46	-	-	1·9
	Margate ...	c	bc	37	45	-	-	1·6
2	Southend ...	ofcm	cmbcm	41	44	Trace	-	0·6
	Maldon ...	oc	c	35	46	-	-	1·0
	Clacton-on-Sea	cmbc	bccm	33	44	-	-	0·2
	Dovercourt ...	bcc	bcc	33	44	-	-	1·4
	Lowestoft ...	c	cbcb	33	43	-	-	0·9
	Skegness ...	bcm b	bcmbc	31	43	Trace	Trace	1·0
	Mablethorpe	ocm	cm	33	44	Trace	-	0·0
	Cleethorpes ...	cm	bcc	37	44	0·1	-	1·9
3	Leamington S.	oc	c	30	44	-	-	1·7
4	Cheltenham†	bcqc	cpbc	32	46	-	Trace	1·1
5	Bath	bcb	bccbc	33	49	-	-	4·5
	Weymouth ...	cbc	b	35	51	-	-	4·3
	Jersey ...	pcbc	bc	43	51	0·2	0·1	5·9
	Torquay ...	bwbcp	b	35	51	-	Trace	5·2
	Penzance ...	b	b	42	52	0·2	-	5·6
	St. Ives ...	b	c	44	50	Trace	-	4·8
	Bude	pbc	bc	32	49	0·5	-	5·5
	Ilfracombe ...	cbct	cbc	50	52	-	-	3·9
6	Aberystwyth	pr c	bcc	36	46	1	-	1·7
7	Llandudno ...	cr c	cr bc	38	45	Trace	0·1	0·1
	Colwyn Bay...	ccdcc	ccbcb	39	45	-	0·3	0·0
	Rhyl	c	cr bc	37	45	-	Trace	0·1
8	Wallasey ...	oc	cpc	38	44	Trace	0·3	0·0
	Southport‖ ...	oco	copco	38	43	4	0·1	0·0
	Blackpool ...	c	orc	35	43	-	0·6	0·0
	Morecambe ...	dccbc	ccbcc	36	43	Trace	-	0·3
9	Ilkley... ...	bc	bc	35	44	0·4	-	3·6
	Harrogate ...	b	b	37	44	-	-	3·8
10	Berwick-on-T.	b	bbcb	35	41	-	-	5·2
11	Dunbar ...	bc	bcm	34	38	-	-	3·9
12	Troon... ...	xbcfb	cbcbc	32	42	-	-	2·0
	Douglas ...	cbc	cldcb	34	44	-	Trace	0·4

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 5th Jan., 1936.
1. S.E. England 2. E. England 3. E. Midlands	Fresh or strong southerly wind, reaching gale force on coast; fair at first, rain tonight; rather mild.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales	Fresh or strong southerly wind, reaching gale force on coast; becoming light during the night, rather mild, local morning mist or fog.
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 south-southeast wind, cloudy, rain tonight, rather mild.
13. A. W. Scotld. B. N.W. Scotland	Moderate east wind, freshening, dull, rain at times; rather mild.
14. Mid-Scotland 15. N.E Scotland 16. Orkney and Shetland	Moderate or fresh east wind, fair, rather cold.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Variable winds, mainly light or moderate; rain at times, mainly in the South; rather mild.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◎ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ○ Clear sky. ◐ Sky less than 5/10 clouded. ◐ Sky 5/10 to 8/10 clouded. ◐ Sky 9/10 to 10/10 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.

Pressure is high over Switzerland. A depression west of Ireland is stationary while another over the Bay of Biscay is moving northeast. There will be rain in Scotland and further rain will spread across the country from the southwest.

FURTHER OUTLOOK.

Dull, with local rain or drizzle; rather colder.

Times of issue of Gale Warnings.
South Cone hoisted 0830 in districts 1,2,5,6, 7,8,12, and 19. on 5/1/36.

Forecasts issued at 1030 G.M.T.

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 5th January 1936.

No. 27072.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1016·7	−6	SW'S	3	bc	38	95	7	-	3	5	0	4-6	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1018·0	0	NWW	2	bz₀	36	95	6	-	.	1	-	Tr	-
	Manston ...	142	1017·9	+6	WSW	2	b4	38	85	7	5	-	-	12-3	12-3	5700
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1015·5	−2	SW'S	2	c	40	95	6	5	3	-	4-6	7-8	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1014·9	−20	SW	4	o	48	95	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1012·3	−24	S'W	6	c	49	95	8	8	-	-	9+	9+	2500
	Scilly (St. Mary's)	163	1010·6	−30	SW'S	6	c	50	95	7	8	7	-	4-6	7-8	2500
	Guernsey ..	175	1017·8	−22	SSW	3	bc	46	95	7	1	-	-	2-3	2-3	2500
6	Pembroke ...	142	1008·6	−20	S'W	6	ir	48	95	7	5	-	-	10	10	2500
7	Holyhead ...	26	1007·4	−36	S'E	5	r₀r₀	45	96	7	6	-	-	9	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1013·7	−0	WSW	4	c	40	95	6	5	2	-	4-6	5+	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1012·4	+6	SW	2	c/r	38	85	5	2	-	-	7-8	7-8	2500
11	Inchkeith ...	190	1010·7	0	E	2	ir₀	37	95	6	6	-	-	10	10	800
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1009·2	−12	S'E	3	pr₀	45	95	7	6	-	-	10	10	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1008·8	−6	NE	2	bc	32	85	8	5	7	-	2-3	4-6	1500
15	Dalwhinnie ...	1178	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ..	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ..	81	1009·3	+2	W	2	bc	30	85	8	3	-	-	2-3	2-3	1500
16	Lerwick ...	156	1009·9	+8	NNE	3	c	36	85	8	8	7	-	4-6	7-8	1500
17	Blacksod Point	18	1000·8	−18	S	3	c	45	95	8	5	-	-	10	10	800
18	Malin Head ...	52	1003·2	−32	E	2	r₀r₀	41	95	7	6	-	-	10	10	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1009·6	−10	W'S	2	R	44	96	7	9	-	-	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)
1	London (Kew)	1011·6	−30	SSE	2	cz₀	41	95	6	5	3	-	4-6	7-8	2500	1	*
	Croydon ...	1011·9	−34	S	4	bcz₀	43	95	6	5	4	-	4-6	4-6	1500	1	*
	S. Farnborough	1011·4	−20	SSE	1	c	42	95	6	5	3	-	7-8	7-8	1500	1	*
	Boscombe Down	1008·2	−26	S'E	4	c	44	95	7	5	-	-	9	9	1500	1	*
	Calshot (Sthmtn.)	1011·9	−28	SSE	3	bc	45	95	8	5	-	-	2-3	2-3	2500	1	3
	Lympne ...	1015·0	−22	S'W	3	bc	40	95	7	5	-	-	2-3	2-3	800	1	2
	Manston ...	1014·8	−20	SW	3	bc	38	95	7	8	7	4-	4-6	4-6	1500	1	*
2	Shoeburyness ...	1013·5	−22	S'E	3	bc	43	95	7	6	1	-	2-3	4-6	4000	1	*
	Felixstowe ...	1014·2	−20	S'E	3	c	40	95	7	8	7	6	2-3	7-8	2500	1	2
	Gorleston ...	1013·9	−10	S	3	bc	37	85	6	5	4	-	2-3	4-6	2500	1	2
	Mildenhall ...	1011·6	−26	SE	3	bz₀	40	95	6	5	7	-	Tr	1	2500	1	*
	Cranwell ...	1010·0	−24	SE'E	3	f	36	95	3	5	-	-	10	10	1150	1	*
3	Birmingham ...	1007·7	−30	S	4	c	42	95	8	5	7	6	2-3	9	1500	1	*
	Upper Heyford	1009·8	−24	S	3	bc	41	95	7	5	7	-	4-6	4-6	1500	1	*
4	Ross-on-Wye	1007·5	−32	SSW	3	c	45	85	7	6	-	-	9	9	2500	1	*
5	Portland Bill ...	1010·1	−30	S	5	c	48	95	7	5	-	-	10	10	1500	1	4
	Plymouth ...	1006·5	−34	S	6	c	49	85	7	5	-	-	10	10	1500	1	3
	The Lizard ...	1004·8	−40	S'E	6	c	49	95	8	5	2	-	9	10	1500	1	4
	Scilly (St. Mary's)	1001·8	−44	SSW	6	pr₀	49	95	6	8	-	-	10	10	1500	1	4
	Guernsey ..	1011·2	−40	S	4	o	46	95	6	5	-	-	10	10	2500	1	3
6	Pembroke ...	1002·0	−24	S	6	ir	48	95	6	5	-	-	10	10	1500	1	3
7	Holyhead ...	1001·1	−20	S	4	rr	47	95	6	6	-	-	10	10	1500	1	3
	Chester (Sealand)	1004·6	−34	SSE	4	ir₀	44	85	6	5	1	4-	4-6	10	1500	1	*
8	Manchester ...	1006·0	−28	S	4	c/r	44	95	6	6	2	-	4-6	10	1500	2	*
10	Spurn Head ...	1009·8	−12	S	4	pr	39	95	6	5	2	-	7-8	10	1500	1	3
	Catterick ...	1006·3	−32	S'E	3	r₀r₀	38	95	5	-	2	-	10	10	1500	1	*
	Tynemouth ...	1006·2	−30	S	3	ir₀	41	95	7	6	-	-	10	10	1500	1	2
11	Inchkeith ...	1005·9	−12	S	3	rr	38	95	7	6	-	-	10	10	800	1	3
	Leuchars ...	1005·8	−22	E	1	ir	38	95	7	5	-	-	10	10	1500	1	*
12	Renfrew (Abbots I.)	1002·6	−34	E	3	rr	36	95	5	6	-	-	10	10	1500	1	*
	Eskdalemuir ...	1003·9	−40	-	0	s₀s₀	34	95	6	-	2	-	10	10	800	3	*
	Point of Ayre...	999·9	−44	SW	4	rr	47	95	7	6	-	-	10	10	1500	1	2
13A	Tiree	999·0	−26	E'S	6	ir	40	95	7	6	2	-	7-8	9+	1500	1	-
13B	Stornoway ...	1004·4	−12	E	4	bc	38	75	8	5	7	-	2-3	4-6	1500	1	2
15	Dalwhinnie ...	1005·4	−20	N	2	c	32	85	7	4	2	-	4-6	10	2500	1	*
	Aberdeen ..	1007·8	−16	NWW	1	c	32	95	7	1	2	-	4-6	10	1500	4	1
	Wick ..	1007·5	−10	E	3	bc	39	85	8	3	-	-	4-6	4-6	1500	5	2
16	Lerwick ...	1010·7	+6	NE'E	4	bc	37	85	8	7	-	-	2-3	2-3	2500	1	*
17	Blacksod Point	998·1	−28	-	0	c	41	85	7	3	-	-	10	10	800	1	3
18	Malin Head ...	997·4	−18	S	1	c	41	85	7	8	-	-	9+	9+	1500	1	1
	Aldergrove ...	998·6	−14	SSW	3	c	44	95	7	5	2	-	9	10	1500	1	*
19	Birr Castle ...	998·9	−20	S	1	o/r	40	95	7	6	-	-	10	10	2500	1	*
20	Valentia Obsy. †	995·9	−48	E.NE	4	r₀r₀	44	86	7	6	-	-	10	10	1500	1	3
	Roches Point	998·7	−36	SE	3	rr	44	95	7	6	-	-	10	10	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 48 hrs. (36)
1	London (Kew)	46	36	25	-	Tr	0·[illegible]
	Croydon ...	46	36	33	-	Tr	1·[illegible]
	S. Farnborough	49	35	25	Tr	-	3·0
	Boscombe Down	47	36	33	-	0·1	4·0
	Calshot (Sthmtn.)	49	41	36	-	Tr	3·[illegible]
	Lympne ...	45	35	25	-	Tr	1·1
	Manston ...	47	32	27	-	0·1	2·[illegible]
2	Shoeburyness ...	45	36	25	-	-	0·[illegible]
	Felixstowe ...	44	35	30	-	-	0·[illegible]
	Gorleston ...	43	36	31	-	-	0·6
	Mildenhall ...	44	36	31	-	Tr	0·[illegible]
	Cranwell ...	42	35	32	Tr	0·3	1·0
3	Birmingham ...	46	37	35	Tr	-	1·7
	Upper Heyford	46	35	29	Tr	0·1	*
4	Ross-on-Wye	48	40	33	2	-	1·3
5	Portland Bill ...	48	46	*	-	-	*
	Plymouth ...	50	41	35	0·3	Tr	5·7
	The Lizard ...	51	47	*	-	-	*
	Scilly (St. Mary's)	52	48	*	-	0·3	6·7
	Guernsey ..	51	42	31	-	Tr	4·3
6	Pembroke ...	50	45	*	-	4	5·8
7	Holyhead ...	46	45	41	0·5	12	0·6
	Chester (Sealand)	46	36	3[illegible]0	Tr	0·1	0·0
8	Manchester ...	44	37	31	1	4	0·0
10	Spurn Head ...	43	38	*	-	0·2	1·9
	Catterick ...	42	33	25	0·1	1	3·8
	Tynemouth ...	41	35	30	-	3	4·[illegible]
11	Inchkeith ...	40	35	30	-	4	4·8
	Leuchars ...	39	30	26	-	1	5·6
12	Renfrew (Abbots I.)	41	33	31	-	6	4·0
	Eskdalemuir ...	38	30	28	-	5	5·0
	Point of Ayre...	46	37	27	0·5	7	1·7
13A	Tiree	42	37	36	2	7	2·1
13B	Stornoway ...	38	30	*	0·1	-	4·0
15	Dalwhinnie ...	[illegible]	24	15	-	Tr	1·9
	Aberdeen ..	38	30	24	-	-	5·2
	Wick ..	39	27	*	1	1	*
16	Lerwick ...	39	34	*	0·3	2	1·7
17	Blacksod Point	47	39	*	Tr	3	*
18	Malin Head ...	44	36	*	2	7	0·2
	Aldergrove ...	41	37	33	0·5	3	0·0
19	Birr Castle ...	44	39	35	0·1	2	1·9
20	Valentia Obsy. †	49	43	41	15	15	0·0
	Roches Point	48	44	*	1	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	cm₀	cm₀	cm₀bc	46	36	25	-	Tr	0·9	*	*	6
CROYDON	217	cbcem	cbcmw	bcwmb	46	36	33	-	Tr	1·5	*	*	8
GREENWICH (Royal Observatory)	149	cm	cbm	bmwc	45	34	30	-	Tr	0·7	81	90	6
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·3	*	*	*
WESTMINSTER (St. James' Park)	27	*	*	*	46	36	29	-	-	0·6	83	89	*
REGENT'S PK. (Botanic Gardens)‡	168	*	*	*	46	38	31	-	Tr	0·5	78	82	*
CAMDEN SQUARE	110			*						*	*		*
KENSINGTON	80	cbc	bc	*	46	37	27	-	Tr	0·8	At 18h. 65	89	*
HAMPSTEAD OBSERVATORY	430	ombc	bm	od	43	36	22	Tr	Tr	0·8	*	93	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 54

SOUTH KENSINGTON.

Max.	Time	Min.	Time.
Defective Record.			

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
0·8	17h 4th	0·1	7h. 5th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 4th January Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 5th January Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
PARIS	1019·5	WSW	3	bcz₀	45	1019·1	S	2	f	36	46	36	-	-
BRUSSELS	1015·9	WSW	3	o	43	1017·6	SSW	3	o	41	45	37	0·2	-
BERLIN	1009·9	W'S	3	cz₀	41	1017·2	W	3	cz₀	39	43	37	Tr	Tr
ZURICH	1021·9	WNW	3	o	41	1024·4	SE	2	c	36	50	36	-	-
ROME	1003·6	NW	2	o	55	1000·9	N	3	oc	50	*	*	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	1½ miles
5 Poor visibility	2½ ,,
6 Moderate ,,	6½ ,,
7 Good ,,	12½ ,,
8 Very good ,,	31 ,,
9 Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 6th. January, 1936.

No. 27073.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1004·2	-46	SSE	4	z₀	45	75	6	6	2	-	Tr	10	1500
	Croydon ...	1005·8	-38	SSE	4	c	44	85	6	6	2	-	4-6	10	1500
	S. Farnborough	1005·1	-38	S'E	4	c	44	85	7	5	2	-	7-8	10	1500
	Boscombe Down	1001·9	-56	SE'S	6	c/pr	43	85	7	5	2	-	4-6	10	450
	Calshot (Sthmtn.)	1004·8	-44	SE	7	c	45	95	7	5	2	-	2-3	10	1500
	Lympne ...	1009·4	-34	SSE	4	c	42	85	7	5	1	-	9+	10	800
	Manston ...	1009·1	-34	SSE	5	c	42	95	7	5	2	-	9	10	800
2	Shoeburyness ...	1008·3	-32	S'E	4	c	44	85	7	5	2	-	4-6	10	1500
	Felixstowe ...	1008·9	-30	SSE	5	c	43	95	7	5	2	-	9	10	1500
	Gorleston ...	1008·8	-30	S'E	5	o	44	95	6	5	-	-	10	10	1500
	Mildenhall ...	1006·8	-38	SE'E	4	z₀	45	85	6	5	2	-	9+	10	800
	Cranwell ...	1005·6	-30	SE	4	z₀	42	95	6	5	2	-	9r	10	1500
3	Birmingham ...	1002·1	-38	SSE	4	o	44	85	6	6	-	-	10	10	800
	Upper Heyford	1003·6	-46	SE	4	c	43	85	8	5	2	-	4-6	10	800
4	Ross-on-Wye	1000·1	-48	SSE	3	r₀r₀	45	85	7	6	-	-	10	10	1500
5	Portland Bill ...	999·4	-64	SE	6	o	47	85	7	5	-	-	10	10	1500
	Plymouth ...	995·9	-62	SE	7	c/r	48	85	8	6	2	-	4-6	10	1500
	The Lizard ...	989·1	-76	SE'S	9	Q	48	95	7	5	-	-	10	10	1500
	Scilly (St. Mary's)	982·1	-80	S	9	ir₀	48	95	6	9	7	-	9	9+	800
	Guernsey ...	1000·5	-62	SSE	6	c	45	85	7	3	2	-	4-6	10	1500
6	Pembroke ...	990·8	-56	SE	8	Q	45	95	7	5	2	-	7-8	10	2500
7	Holyhead ...	995·3	-40	SE'S	5	id₀	47	75	7	6	2	-	4-6	10	1500
	Chester (Sealand)	999·8	-32	SE'S	4	ir₀	46	75	6	-	2	-	10	10	4000
8	Manchester ...	1001·5	-30	S'E	4	z₀	46	85	6	5	2	-	4-6	10	1500
10	Spurn Head ...	1006·6	-12	S'E	4	c	42	95	6	5	2	-	7-8	10	1500
	Catterick ...	1002·3	-18	S'E	4	z₀	42	95	5	5	2	-	9+	10	800
	Tynemouth ...	1001·1	-22	SW	3	ir₀	43	95	6	6	-	-	10	10	1500
11	Inchkeith ...	999·1	-24	E	2	ir	39	95	6	6	-	-	10	10	800
	Leuchars ...	999·9	-38	E	3	r₀r₀	42	95	6	6	2	-	7-8	10	800
12	Renfrew (Abbots I.)	997·9	-26	E	3	ir₀	39	95	5	5	-	-	10	10	800
	Eskdalemuir ...	998·6	-24	S'E	4	rr	42	95	6	6	2	-	9+	10	800
	Point of Ayre...	997·6	-14	SSW	4	r₀r₀	46	95	7	6	-	-	10	10	1500
13A	Tiree	995·2	-20	ESE	5	c	42	85	8	5	7	-	9	10	1500
13B	Stornoway ...	1000·3	-24	E	7	c/pr	40	85	8	8	2	-	4-6	9r	1500
15	Dalwhinnie ...	1000·6	-28	SW	2	c	35	85	7	4	2	-	4-6	10	2500
	Aberdeen ...	1002·8	-30	SE'E	5	rr	40	95	6	6	-	-	10	10	800
16	Wick ...	1004·8	-20	ESE	5	c	42	85	8	8	7	-	7-8	9	1500
	Lerwick ...	1010·7	-6	E'N	4	bcjp	38	65	8	3	8	-	4-6	4-6	1500
17	Blacksod Point	992·2	-44	E	4	ir	41	95	8	6	-	-	10	10	800
18	Malin Head ...	993·2	-24	NE	1	c	45	85	7	6	-	-	9+	9+	2500
	Aldergrove ...	994·4	-28	ESE	3	r₀r₀	43	95	5	5	2	-	9+	10	1500
19	Birr Castle ...	989·5	-56	S	2	rr	44	95	7	6	-	-	10	10	2500
20	Valentia Obsy. †	979·1	-102	NE'E	5	rr	41	85	7	6	-	-	10	10	1500
	Roches Point	981·0	-92	SE	8	RR	46	95	6	6	-	-	10	10	800

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Cloud. Form. Med. (24)	Cloud. Form. High. (25)	Cloud. Amount. Low 0–10 (26)	Cloud. Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	997·6	-40	SE	4	z₀	43	75	6	5	2	-	4-6	9	2500	1	*
	Croydon ...	998·3	-44	SE'S	5	c	42	85	7	5	7	-	4-6	9+	1500	1	*
	S. Farnborough	996·9	-22	SSE	5	c/r	43	75	7	-	7	-	0	9+	-	1	*
	Boscombe Down	994·3	-38	SE'S	5	rr	41	95	7	6	-	-	10	10	800	1	*
	Calshot (Sthmtn.)	996·6	-24	SE'S	6	rr	45	85	7	6	2	-	9+	10	800	1	4
	Lympne ...	1001·6	-42	SE'S	6	c	43	65	7	-	7	6	0	7-8	-	1	§5
	Manston ...	1001·4	-30	SE'E	5	c	42	85	7	5	2	-	1	7-8	1500	1	*
2	Shoeburyness ...	1000·5	-50	SE	6	cq	43	75	7	6	2	-	4-6	10	1500	1	*
	Felixstowe ...	1001·7	-34	SE'E	6	c	42	85	7	6	7	-	2-3	9	1500	1	4
	Gorleston ...	1003·9	-14	SE'S	5	o	42	95	6	6	-	-	10	10	1500	1	4
	Mildenhall ...	999·9	-50	E'S	6	c	42	85	7	5	7	-	2-3	9+	1500	1	*
	Cranwell ...	998·3	-40	SE'E	6	z₀	40	95	5	5	2	-	9+	10	1500	1	*
3	Birmingham ...	994·5	-40	SE	4	rr	41	75	6	6	-	-	10	10	1500	1	*
	Upper Heyford	995·7	-46	SE	4	ir₀	41	85	7	5	-	-	10	10	1500	1	*
4	Ross-on-Wye	991·8	-46	SE	4	ir	42	85	7	6	-	-	10	10	1500	1	*
5	Portland Bill ...	992·8	-32	S	6	rr	42	95	6	5	-	-	10	10	1500	2	6
	Plymouth ...	988·7	-24	SSW	8	bc	49	75	8	8	-	2	2-3	4-6	800	1	5
	The Lizard ...	986·1	-6	SSW	8	Q	46	75	7	9	-	-	4-6	4-6	1500	1	5
	Scilly (St. Mary's)	981·0	+4	SW'W	9	c/pr	47	75	6	8	-	-	9+	9+	1500	1	5
	Guernsey ...	996·0	-10	SW'W	4	c	48	95	7	8	1	-	7-8	10	2500	1	5
6	Pembroke ...	979·0	-32	S	8	Q	47	75	6	8	-	-	9	9	1500	1	5
7	Holyhead ...	984·2	-76	SE	6	c	46	75	8	6	2	-	2-3	10	1500	1	3
	Chester (Sealand)	997·7															
8	Manchester ...	999·1	-36	SE'E	6	ir	43	75	6	6	2	-	4-6	10	800	1	*
10	Spurn Head ...	993·5	-50	SSE	5	z₀	44	75	6	5	2	-	4-6	10	1500	1	*
	Catterick ...	998·2	-28	SE	6	c	42	95	7	5	2	-	4-6	9	2500	0	5
	Tynemouth ...	996·5	-34	SE'S	4	c/r	41	95	7	6	2	-	7-8	10	800	1	*
11	Inchkeith ...	998·4	-28	S	4	ir₀	43	95	6	6	-	-	10	10	1500	1	2
	Leuchars ...	996·1	-24	SE	2	ir₀	41	95	7	5	2	-	4-6	10	1500	1	2
12	Renfrew (Abbots I.)	996·6	-18	ESE	3	rr	42	95	6	6	2	-	7-8	10	800	1	*
	Eskdalemuir ...	993·4	-34	ENE	3	cf-	41	95	3	5	-	-	10	10	1500	1	*
	Point of Ayre...	994·1	-32	SE	4	r₀r₀	40	85	6	6	2	-	9	10	800	1	*
13A	Tiree	989·2	-52	SE'S	8	RR	43	95	6	6	-	-	10	10	800	2	4
13B	Stornoway ...	990·9	-24	E	4	r₀r₀	42	95	7	6	2	-	7-8	10	1500	1	3
15	Dalwhinnie ...	997·0	-18	E	7	r₀r₀	41	85	6	5	-	-	10	10	1500	1	4
	Aberdeen ...	996·4	-20	SW	1	c	36	85	7	4	2	-	4-6	10	2500	1	*
	Wick ...	997·5	-32	SSE	3	rr	43	95	6	6	-	-	10	10	800	1	4
16	Lerwick ...	1001·5	-20	E	8	rr	39	85	7	6	2	-	7-8	10	1500	1	4
	Lerwick ...	1008·9	-12	E'N	4	c	37	75	9	8	8	8	4-6	9	1500	4	*
17	Blacksod Point	981·5	-60	E	6	rr	43	85	7	6	-	-	10	10	800	1	4
18	Malin Head ...	986·7	-38	E	3	c/r	44	85	7	6	-	-	10	10	1500	1	1
	Aldergrove ...	985·9	-50	E'S	5	rr	42	85	7	6	2	-	9+	10	800	1	*
19	Birr Castle ...	973·2	-46	SE	4	c/r	45	85	8	6	-	-	7-8	7-8	2500	1	*
20	Valentia Obsy. †	967·3	-26	N	6	rr	45	95	7	6	-	-	10	10	1500	1	4
	Roches Point	959·0	-100	SE	7	ir	46	95	7	6	-	-	10	10	1500	1	6

PAST 24 HOURS.

District	Stations.	Weather. 7h.—12h. 5th.... (37)	Weather. 12h.—18h. 5th... (38)	Weather. 18h. 5th to 1h. 6th (39)	Weather. 1h.—7h. 6th. (40)
1	London (Kew)	bcm₀cm₀	cm₀	cr₀m₀	cm₀r₀
	Croydon ...	bccm₀	cm₀bcc	crrbcbm₀	bccr₀
	S. Farnborough	cm₀c	cir₀c	crbc	bccR
	Boscombe Down	cpr	cprorr	orrcbc	bccrr
	Calshot (Sthmtn.)	cbcrr	crr₀r₀c	c-cprcc	
	Lympne ...	bccfm₀	ocm₀cq	crr mb	bccirc
	Manston ...	bcc	cbc	bccrc	circ
2	Shoeburyness ...	c	cqir₀	cqr	cqir
	Felixstowe ...	cbcc	cz₀c	cir₀cpc	c
	Gorleston ...	bcpq	oq	orq	bccq
	Mildenhall ...	bcm₀c	cm₀	cm₀r₀	c
	Cranwell ...	ofcm₀	cpr₀	cmorr	c
3	Birmingham ...	co	cpr₀	orbc	bcoir
	Upper Heyford	bcc	cqr₀	cr₀r₀r₀	cr₀rh
4	Ross-on-Wye	cd₀or₀	3corq	rcqPbbc	corr
5	Portland Bill ...	oo	orrz₀	cbc	cpr
	Plymouth ...	cr₀r₀	crrm₀prbc	bcprcph	cr bc
	The Lizard ...	crrq	cprq	clpR	cprbc
	Scilly (St. Mary's)	cqir₀	r₀p₀	cbc	bccpq
	Guernsey ...	bcuo	r₀irq	cbcc	cpr
6	Pembroke ...	oqirc	cqiRm	cqirc	cqiro
7	Holyhead ...	r₀rrid₀	cidrrc	r₀r₀c	rr m₀c
	Chester (Sealand)				
8	Manchester ...	cd₀o	orrz₀	crr-bcpr	pRbc
10	Spurn Head ...	ir₀cm₀	ir₀rcm₀	cir₀c	cm₀bc
	Catterick ...	pr₀c	c	oprq	qc
	Tynemouth ...	orrmd₀	om₀pr₀r₀	or₀o	oo m₀
11	Inchkeith ...	oir	oir₀	oirq	oc
	Leuchars ...	rrcir	irir₀	cir₀	oc
12	Renfrew (Abbots I.)	crrd₀d₀	cr₀r₀rr	Wrr₀m₀	rrcm₀
	Eskdalemuir ...	or₀rmdd	rrr₀r₀mf	cfr₀r₀bc	pcz₀
	Point of Ayre...	r₀r₀rr	rrr₀r	rrcm₀	crcm₀
13A	Tiree	rrr₀r	rr	oc	rrprc
13B	Stornoway ...	cir₀	crr	crr₀	cr₀
15	Dalwhinnie ...	bccpr₀	cr₀r₀	cr₀r₀	cf₀r₀
	Aberdeen ...	r₀r₀	ir	*	irc
	Wick ...	corr	orrm₀	rrr₀r₀	orrm₀
16	Lerwick ...	bccpr	crr	crr	oRR
	Lerwick ...	bc	bcc	cpoh	cr₀r₀r₀
17	Blacksod Point	cc	rr	rrcq	cq
18	Malin Head ...	c	cr₀r	oir₀	crr
	Aldergrove ...	cm₀r₀r₀	cr₀rr	corrc	crorr
19	Birr Castle ...	oirrr	orr	c	corr
20	Valentia Obsy. †	rrrr₀rr	rrrorr	irp	iroir
	Roches Point	rRR	RRir	rr ir₀	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/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.

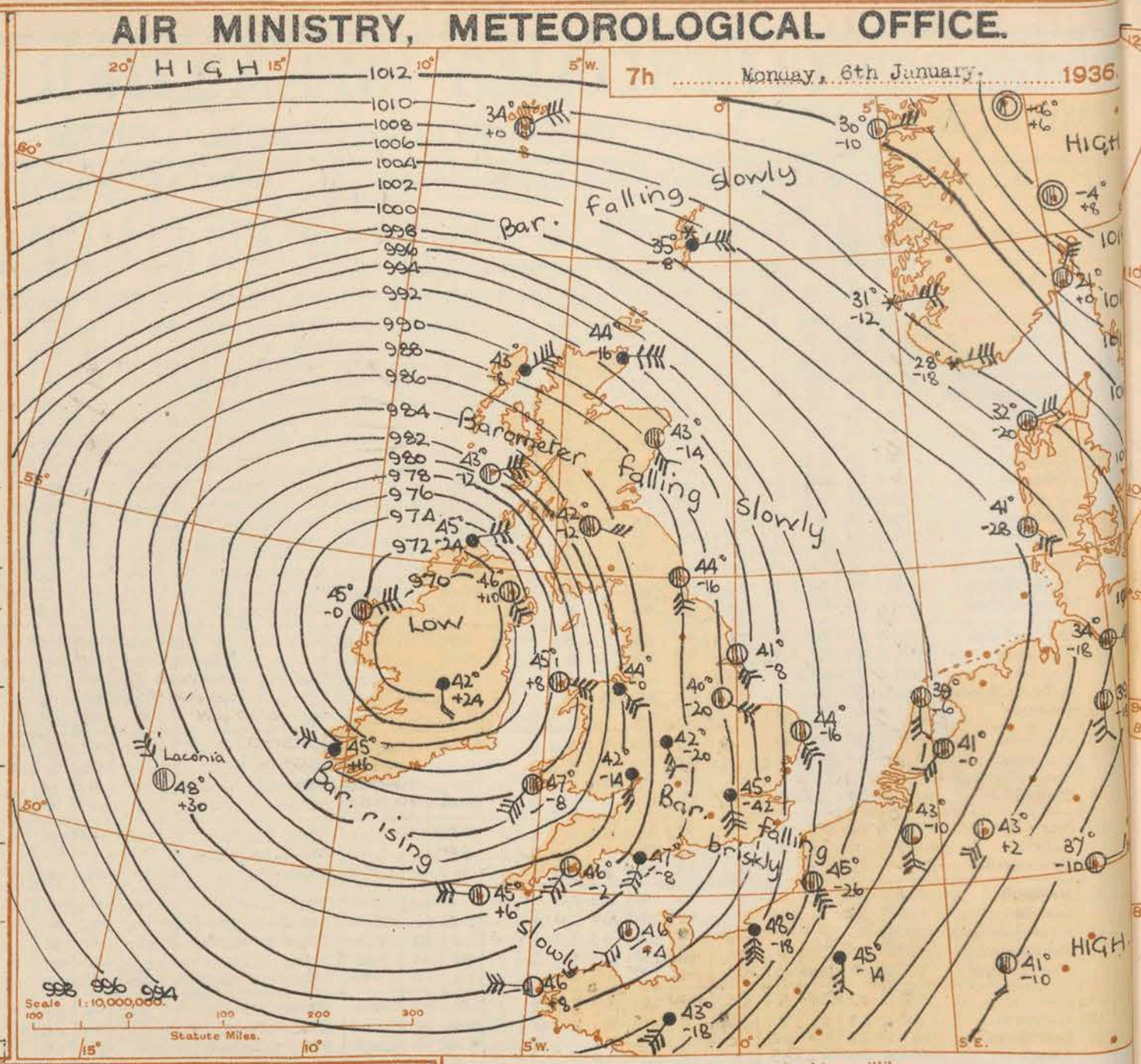
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 5th January 1936.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 4th to 9h. 5th	Temperature. Max. 9h.—17h. 5th.	Rainfall. Night. 17h. 4th to 9h. 5th	Rainfall. Day. 9h.—17h. 5th.	Sunshine. Sunrise to Sunset. 5th.
1	Tunbridge W.	o	oc	31	43	0·3	–	0·0
	Bournemouth	o	or	40	46	–	2	0·0
	Ventnor ...	ouou	ou	42	46	–	–	0·0
	Southsea ...	oo	op₀o	39	46	Trace	Trace	0·0
	Bognor Regis	oir₀	oir₀	38	46	–	Trace	0·0
	Littlehampton	c	c	33	46	0·1	–	0·0
	Worthing ...	c	c	35	46	Trace	–	0·0
	Brighton ...	c	c	35	45	–	–	0·0
	Eastbourne†	o	o	36	46	–	–	0·0
	Hastings† ...	coo	ocbc	36	45	Trace	–	0·0
	Folkestone ...	co	oc	35	44	Trace	–	0·0
	Dover... ...	o	oc	35	45	–	–	0·0
	Deal	o	o	36	45	Trace	–	0·0
	Ramsgate ...	cd	bc	38	48	–	0·2	0·0
	Margate ...	c	c	39	44	–	–	0·0
2	Southend ...	co	o	37	44	Trace	–	0·0
	Maldon ...	xco	c	31	45	–	–	0·0
	Clacton-on-Sea	bcc	c	36	43	–	–	0·0
	Dovercourt ...	pbc	bcc	35	43	Trace	–	0·1
	Lowestoft ...	c	c	33	44	–	–	0·2
	Skegness ...	obco	bco	36	43	0·3	Trace	0·0
	Mablethorpe	o	o	34	43	–	–	0·0
	Cleethorpes ...	om₀	or₀	35	43	0·2	Trace	0·0
3	Leamington S.	o	o	35	46	–	–	0·0
4	Cheltenham†	oip	oir₀	37	46	Trace	0·3	0·0
5	Bath	qcir₀	qcrr	38	47	Trace	1	0·0
	Weymouth ...	c	rq	39	51	–	2	0·0
	Jersey ...	gbc	rc			Trace	0·6	0·1
	Torquay ...	opq	pRcq	37	49	–	5	0·0
	Penzance ...	qrrq	ccqpq	45	50	3	1	0·0
	St. Ives ...	pr	pr	44	50	5	3	0·0
	Bude	rq	rcbc	40	49	1	3	0·8
	Ilfracombe ...	or	or	44	49	2	4	0·0
6	Aberystwyth	prc	rrc	41	47	2	2	0·0
7	Llandudno ...	crₒo	oroc	41	48	0·4	1	0·0
	Colwyn Bay...	o	opopp	41	48	4	1	0·0
	Rhyl	c	corr₀	38	49	1	2	0·0
8	Wallasey ...	fr	iro	40	46	0·5	2	0·0
	Southport‖ ...	oro	oro	39	45	5	2	0·0
	Blackpool ...	oro	or	39	45	5	3	0·0
	Morecambe ...	rrcir	dricc	38	47	5	3	0·0
9	Ilkley... ...	o	ogoro	37	46	4	2	0·0
	Harrogate ...	r₀c	cir	40	43	2	2	0·0
10	Berwick-on-T.	oRr	rfo	33	43	11	4	0·0
11	Dunbar ...	crr	cd₀	34	45	5	2	0·0
12	Troon... ...	ocroc	rrooc	36	46	3	4	0·0
	Douglas ...	om₀ir	m₀lR	40	47	19	6	0·0

† 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 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.
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. 6th Jan, 1936.

Districts.	Forecasts
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind mainly south to southwest, fresh, strong locally on coast at first, showers, heavy locally, brighter intervals; mild.
7. North Wales 8. N.W. England 9. N Midlands 10. N.E England	Wind southeast to south, strong, gale on coast at first, decreasing slowly; mainly cloudy, rain at times; mild.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. A. W Scotld. B. N.W. Scotland. 14. Mid Scotland 15. N.E. Scotland 16 Orkney and Shetland	Wind east or southeast, strong to gale on coast at first, moderating slowly, mainly cloudy, rain at times; rather mild.
17 N.W. Ireland 18. N.E. Ireland 19 S.E. Ireland 20. S.W. Ireland	Wind becoming west to northwest, fresh, strong to a gale on coasts at first, mainly cloudy, rain at times; rather mild.

L.D.

GENERAL INFERENCE.

An intense depression centred over Ireland is moving slowly northwards. Weather will be very unsettled and windy with rain at times in most districts, but also brighter intervals.

FURTHER OUTLOOK.

Unsettled, rain at times; mild.

Times of issue of Gale Warnings.

South Cone hoisted at 0830 on 5th in districts 1, 2, (part of) 5, 6, 7, 8, 12 (part of), 18 (part of) 19, 20, (part of). South Cone hoisted at 1525 on 5th in districts 2, (part of) 10, 11, 12 (part of), 13, 15, 16, 18 (part of). North Cone hoisted at 1910 on 5th in districts 17, 20, (part of).

Forecasts issued at 1030 G.M.T.

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

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

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

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, 6th. January, 1936.

No. 27073.

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

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	995·0	-6	SW	4	bc	44	85	8	–	–	6	0	2-3	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	998·1	-6	SSW	4	bc	43	95	7	5	–	–	2-3	2-3	1500
	Manston ...	142	997·2	+10	S	6	c/r	45	85	7	5	1	–	4-6	9	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	997·4	-10	SE	5	c/r	42	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	990·4	-16	SSW	7	bc	48	95	7	4	–	–	4-6	4-6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	987·4	0	SW'S	6	r.r.	46	85	7	8	2	–	7-8	10	1500
	Scilly (St. Mary's)	163	984·5	+2	WSW	6	bcq	47	75	7	2	–	–	2-3	2-3	2500
	Guernsey ..	175	993·6	-24	S	5	c	47	85	6	5	1	–	4-6	10	2500
6	Pembroke ...	142	977·4	+16	SW'S	8	c	47	75	6	8	–	–	10	10	1500
7	Holyhead ...	26	976·3	-24	S'E	7	rr	44	95	6	6	2	–	7-8	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	992·0	-10	SSE	6	c q	41	95	7	5	2	–	4-6	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	990·4	-18	SSE	5	c/r	43	85	7	6	–	–	10	10	1500
11	Inchkeith ...	190	989·8	-18	E	3	0	40	85	8	5	–	–	10	10	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	981·2	-32	SE'S	8	c	44	85	7	8	–	–	7-8	7-8	1500
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	992·1	-30	ENE	8	r.r.	41	85	7	5	1	–	4-6	10	1500
15	Dalwhinnie ...	1178	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	995·8	-20	E	8	rr	40	95	6	6	2	–	9	10	800
16	Lerwick ...	156	1005·5	-18	E'S	7	c/pr	38	65	8	8	1	–	4-6	9r	1500
17	Blacksod Point	18	974·0	-36	ENE	7	c q	44	85	7	5	–	–	9	9	800
18	Malin Head ...	52	978·1	-38	E'N	7	c u	45	85	7	9	–	–	10	10	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	973·5	-26	W	5	c u	46	85	7	9	–	–	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	989·1	-30	S	5	ir.	46	85	5	6	2	–	7-8	10	800	1	*
	Croydon ...	989·2	-42	S	6	ir.	45	85	7	6	–	–	10	10	1500	1	*
	S. Farnborough	988·6	-30	S'E	4	ir.	44	95	6	6	2	–	9	10	800	1	*
	Boscombe Down	986·5	-14	S'E	4	rr	42	95	7	6	2	–	9	10	800	1	*
	Calshot (Sthmtn.)	988·9	-24	S	6	ir.	46	85	7	5	–	–	10	10	1500	1	§
	Lympne ...	990·4	-30	S'E	5	c/r	44	85	8	8	2	–	9	10	1500	1	5
	Manston ...	993·7	-30	S	7	c/r	44	95	7	6	2	–	7-8	10	800	1	*
2	Shoeburyness ...	992·6	-36	S'E	6	ir.	45	85	7	6	–	–	10	10	800	1	*
	Felixstowe ...	994·0	-20	SE'S	6	ir.	43	95	7	9	2	–	7-8	9	1500	1	4
	Gorleston ...	994·8	-16	SSE	6	c	44	95	7	9	–	–	9	9	2500	1	4
	Mildenhall ...	991·3	-22	E'S	5	c	45	85	7	5	–	–	10	10	800	1	*
	Cranwell ...	990·3	-20	SE	5	c	40	95	7	5	–	–	7-8	7-8	2500	1	*
3	Birmingham ...	986·6	-20	SSE	4	ir.	42	95	7	6	–	–	10	10	800	1	*
	Upper Heyford	987·7	-28	SSE	3	r.r.	42	95	6	5	–	–	10	10	800	1	*
4	Ross-on-Wye	985·6	-14	S	3	ld.	42	95	6	5	–	–	10	10	1500	1	*
5	Portland Bill ...	986·1	-8	SSW	6	pr.	47	95	7	5	–	–	10	10	1500	2	6
	Plymouth ...	985·9	-2	SW	6	bc	46	95	8	8	–	–	4-6	4-6	1500	1	3
	The Lizard ...	985·9	+4	SW	6	pc/pr	45	85	8	8	–	–	4-6	4-6	1500	1	4
	Scilly (St. Mary's)	984·7	+6	W	6	c/pr	45	85	7	3	–	–	9	9	1500	1	4
	Guernsey ..	989·6	+4	SW	4	c	46	85	6	5	–	–	7-8	7-8	2500	1	3
6	Pembroke ...	977·9	-8	SW	7	o/r	47	85	7	5	–	–	10	10	1500	1	5
7	Holyhead ...	977·0	+8	SSE	7	c	45	85	8	9	2	–	4-6	9r	2500	1	4
	Chester (Sealand)	984·1	0	SE	5	ir.	44	75	7	6	1	–	4-6	10	1500	1	*
8	Manchester ...	985·5	-10	SE	5	pr.	44	85	7	5	3	–	4-6	4-6	1500	1	*
10	Spurn Head ...	989·9	-8	SSE	5	c	41	95	7	5	2	–	4-6	7-8	2500	1	4
	Catterick ...	987·6	-6	SE'S	4	0	41	95	6	5	–	–	10	10	800	1	*
	Tynemouth ...	987·3	-16	S	5	c	44	85	7	9	–	–	7-8	7-8	1500	1	3
11	Inchkeith ...	986·8	-8	SE	3	c	41	95	7	5	2	–	2-3	9	800	0	2
	Leuchars ...	987·6	-12	ESE	4	c	43	85	6	5	1	–	7-8	10	2500	1	*
12	Renfrew (Abbots I.)	984·6	-12	E'S	3	0 Zo	42	85	5	5	–	–	10	10	4000	1	*
	Eskdalemuir ...	984·7	-8	ESE	5	c	40	85	6	5	1	–	7-8	10	800	1	*
	Point of Ayre...	977·7	-10	SE'S	8	c	45	85	8	5	–	–	7-8	7-8	2500	1	5
13A	Tiree ...	981·0	-12	ENE	6	c	43	85	7	5	–	–	9r	9r	1500	1	0
13B	Stornoway ...	989·9	-8	ENE	7	r.r.	43	85	7	5	2	–	4-6	10	1500	1	4
15	Dalwhinnie ...	987·3	-4	SE	4	c	38	85	7	4	2	–	4-6	10	1500	1	*
	Aberdeen ...	990·3	-14	SE'S	4	c/r	43	95	6	6	–	–	10	10	800	1	4
	Wick ...	992·9	-16	E	8	RR	44	95	6	5	2	–	10	10	7200	1	4
16	Lerwick ...	1002·9	-8	E	7	r.s.	35	95	6	6	–	–	10	0	800	*	*
17	Blacksod Point	972·2	0	ENE	7	c q	45	85	7	5	–	–	10	10	800	1	5
18	Malin Head ...	972·0	-24	E'N	6	r.r.	45	95	6	9	–	–	10	10	800	1	4
	Aldergrove ...	972·0	+10	SE'S	6	o/r	46	85	7	5	–	–	10	10	800	1	*
19	Birr Castle ...	976·4	+24	S	2	rr	42	95	7	6	–	–	10	10	1500	1	*
20	Valentia Obsy. †	977·9	+16	WNW	5	ir.	45	85	7	6	–	–	10	10	1500	1	4
	Roches Point	977·0	+22	SW	3	bc	44	85	8	6	2	–	2-3	4-6	1500	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)	Night 18h–7h mm. (35)	Sunshine 5th Hrs. (36)
1	London (Kew)	45	43	39	–	1	0·0
	Croydon ...	45	42	40	–	6	0·0
	S. Farnborough	45	42	39	Tr	6	0·0
	Boscombe Down	45	41	39	3	11	0·0
	Calshot (Sthmtn.)	47	47	42	0·6	4	0·0
	Lympne ...	43	42	39	0·2	2	0·0
	Manston ...	43	41	39	–	2	0·0
2	Shoeburyness ...	44	42	34	Tr	2	0·0
	Felixstowe ...	43	42	39	–	1	0·0
	Gorleston ...	46	41	39	–	1	0·0
	Mildenhall ...	45	41	35	–	0·6	0·0
	Cranwell ...	43	38	34	Tr	1	0·0
3	Birmingham ...	44	39	37	Tr	3	0·0
	Upper Heyford	44	40	38	Tr	3	*
4	Ross-on-Wye	47	41	38	4	11	0·0
5	Portland Bill ...	49	42	*	4	2	*
	Plymouth ...	50	45	40	5	4	0·0
	The Lizard ...	50	42	*	4	3	*
	Scilly (St. Mary's)	50	45	*	3	0·4	0·0
	Guernsey ..	48	45	40	1	2	0·0
6	Pembroke ...	50	32	*	5	5	0·0
7	Holyhead ...	48	44	42	5	5	0·0
	Chester (Sealand)	46	42	37	2	2	0·0
8	Manchester ...	47	42	39	1	Tr	0·0
10	Spurn Head ...	42	40	*	Tr	*	0·0
	Catterick ...	42	39	38	2	1	0·0
	Tynemouth ...	44	41	38	3	2	0·0
11	Inchkeith ...	41	39	37	7	0·1	0·0
	Leuchars ...	42	41	39	11	3	0·0
12	Renfrew (Abbots I.)	41	40	36	5	0·5	0·0
	Eskdalemuir ...	42	37	36	24	5	0·0
	Point of Ayre...	48	38	*	5	2	0·0
13A	Tiree ...	43	41	40	2	2	0·0
13B	Stornoway ...	42	38	*	0·4	4	0·0
15	Dalwhinnie ...	37	(34)	32	5	8	0·0
	Aberdeen ...	43	42	40	6	8	0·0
	Wick ...	42	37	*	3	12	*
16	Lerwick ...	38	34	*	–	0·4	2·1
17	Blacksod Point	44	40	*	3	5	*
18	Malin Head ...	45	41	*	1	7	0·0
	Aldergrove ...	44	41	40	5	19	0·0
19	Birr Castle ...	46	41	40	8	5	0·0
20	Valentia Obsy. †	45	43	42	20	5	0·0
	Roches Point	47	44	*	17	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 24 hrs. ended 9h. Morning.	Afternoon.	Night.	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Night mm.	Sunshine to Sunset hrs. Yesterday.	Humidity. 15h. G.M.T %	9h. G.M.T % To-day.	Visibility 9h.
KEW ...	18	bcm.	cm.	cm.r	45	43	39	–	1	0·0	*	*	7
CROYDON ...	217	bccm.	crcbcb	bccr.	45	42	40	–	6	0·0	*	*	6
GREENWICH (Royal Observatory) ...	149	c	cbc	crcir	45	40	37	–	3	0·0	83	86	5
CITY (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	0·0	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	47	42	36	2·1		0·0	80	*	*
REGENTS PK. (Botanic Gardens)‡ ...	168	*	*	*	46	42	39	–	2·0	0·0	75	82	*
CAMDEN SQUARE ...	110	c	cbc	*	46	42	37	–	2	*	*		*
KENSINGTON ...	80	bc	bc	*	45	42	37	–	2·2	0·0	At 18h. 83	79	*
HAMPSTEAD OBSERVATORY ...	450	or	od	or	43	39	28	0·5	1·1	0·0	*	79	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

SOUTH KENSINGTON.

Max.	Time.	Min.	Time.
Defective		Record.	

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
0·2	10h 5th	<0·1	0–7h 6th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 5th January. Barom. mb.	Wind. Direc.	Force.	Weather.	Temp. °F.	7h. G.M.T. 6th January. Barom. mb.	Wind. Direc.	Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Night mm.
PARIS ...	1004·6	SE	3	c	45	1001·9	S	4	ir.	45	45	42	–	0·3
BRUSSELS ...	1006·0	SE'E	4	c	45	1001·0	S	5	c	43	43	41	–	0·2
BERLIN ...	1017·9	–	0	c Zo	34						43		–	
ZURICH ...						1013·2	ESE	1	c Zo	34	*	32		–
ROME ...	1013·3	N	7	b	48	1016·1	NE	4	c Zo	39	*	*	–	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 ,,	6¼ ,,
7	Good ,,	12½ ,,
8	Very good ,,	31 ,,
9	Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 7th January 1936

No 27074

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	990·2	+2	S'W	3	c	47	85	6	5	–	8	4-6	7-8	2500
	Croydon ...	990·6	+6	S'W	3	c/pr	45	95	7	9	7	–	9	9+	1500
	S. Farnborough	990·0	0	SSW	3	c/pr	45	95	7	9	–	2	7-8	9	1500
	Boscombe Down	989·0	0	SSW	4	c/r	46	85	7	8	7	2	4-6	7-8	1500
	Calshot (Sthmtn.)	990·4	+4	SSW	5	c jp	48	85	7	8	5	–	4-6	7-8	1500
	Lympne ...	992·6	-10	SSW	5	r₀r₀	43	95	6	6	–	–	10	10	450
	Manston ...	992·4	-2	S	6	r₀r₀	45	85	7	6	2	–	7-8	10	450
2	Shoeburyness ...	991·9	-2	S'W	3	c/pr	45	85	7	8	1	–	7-8	9+	1500
	Felixstowe ...	992·1	-4	S'W	5	c jp	46	85	7	9	7	6	7-8	9+	1500
	Gorleston ...	991·7	-10	S	6	o	47	85	6	6	–	–	10	10	2500
	Mildenhall ...	989·8	-4	SE'S	3	c/pr	45	95	6	9	3	3	2-3	9	800
	Cranwell ...	988·6	0	SSE	3	c	44	95	8	5	2	6	2-3	7-8	800
3	Birmingham ...	986·1	0	S	4	c jp	44	85	5	6	–	–	10	10	1500
	Upper Heyford	988·2	+2	S	4	q	46	85	8	5	7	8	4-6	7-8	1500
4	Ross-on-Wye	986·1	0	SSW	3	ir₀	46	85	7	6	1	–	9	10	2500
5	Portland Bill ...	989·3	+6	SW	5	c	48	85	7	4	–	–	9+	9+	2500
	Plymouth ...	988·2	+10	SW'W	7	c	49	75	7	9	7	7	2-3	9+	1500
	The Lizard ...	988·5	+2	NW'W	7	c	48	85	8	8	6	9	4-6	7-8	2500
	Scilly (St. Mary's)	987·6	+10	W	7	pr₀	50	75	7	8	–	8	4-6	4-6	2500
	Guernsey ...	992·9	+14	SSW	5	c/pr	48	85	7	5	1	–	4-6	7-8	2500
6	Pembroke ...	980·5	+4	WSW	6	q	48	85	7	8	–	–	10	10	1500
7	Holyhead ...	978·9	+10	SSE	4	PH(R)	46	95	7	9	–	3	7-8	9+	800
	Chester (Sealand)	983·2	-4	SE	5	ir₀	44	75	6	5	7	–	4-6	10	1500
8	Manchester ...	984·5	-2	SSE	4	z₀	45	75	5	5	2	–	4-6	10	1500
10	Spurn Head ...	988·0	-4	S'E	5	pr₀	44	95	7	3	7	–	4-6	7-8	2500
	Catterick ...	985·9	-14	SE'S	3	c/r	43	95	6	6	2	–	9	10	800
	Tynemouth ...	986·6	-16	S	5	ir₀	44	95	7	6	–	–	10	10	1500
11	Inchkeith ...	987·0	-2	E	4	c	43	95	7	5	3	–	4-6	7-8	1500
	Leuchars ...	988·5	-2	E	4	c	44	85	7	5	–	4	7-8	9	2500
12	Renfrew (Abbots I.)	984·4	-2	E	4	z₀	44	75	5	5	–	–	10	10	1500
	Eskdalemuir ...	985·1	-2	ESE	4	ir₀	41	85	6	5	2	–	9+	10	800
	Point of Ayre...	980·5	+6	SSE	6	rr	44	95	7	6	–	–	10	10	450
13A	Tiree ...	982·4	0	ENE	5	c	45	75	6	5	7	–	9	9+	1500
13B	Stornoway ...	989·9	0	ENE	7	c	43	85	8	8	2	–	4-6	9+	1500
15	Dalwhinnie ...	998·8	+2	SE	4	c	41	75	7	5	6	–	4-6	10	2500
	Aberdeen ...	991·4	+2	SE'E	4	c	45	85	6	9	2	–	9	9+	800
16	Lerwick ...	993·2	0	E	5	c	44	95	7	6	6	–	7-8	9	800
		1003·1	0	E'N	8	r₀s₀	35	95	6	6	–	–	10	10	800
17	Blacksod Point	972·6	+4	N	4	c	44	95	8	9	–	–	10	10	1500
18	Malin Head ...	976·2	+16	E'N	6	u	45	85	7	9	–	–	9+	9+	800
	Aldergrove ...	975·9	+18	SE'E	4	c/r	45	85	7	6	2	–	9	10	800
19	Birr Castle ...	973·2	+16	SW	3	rr	44	95	7	6	–	–	10	10	2500
20	Valentia Obsy. †	980·7	+10	W'N	4	c	46	85	8	5	2	–	4-6	10	1500
	Roches Point	981·0	+12	WSW	3	c/pr	46	85	8	6	2	8	4-6	9	1500

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

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)	992·2	+20	SSW	3	ir₀	45	85	6	5	1	7	4-6	9	1500	1	*
	Croydon ...	992·4	+18	SSW	3	z₀	47	85	6	5	7	–	2-3	9+	2500	1	*
	S. Farnborough	992·2	+10	SSW	4	pr₀	44	95	7	9	–	–	7-8	7-8	1500	2	*
	Boscombe Down	990·7	+12	SSW	4	bc	44	85	8	5	–	–	4-6	4-6	1500	1	*
	Calshot (Sthmtn.)	992·4	+12	SSW	6	bc	47	85	7	9	–	–	4-6	4-6	1500	1	4
	Lympne ...	995·2	+16	SW'S	4	c	44	85	7	8	–	–	9+	9+	1500	1	§4
	Manston ...	994·6	+18	SW	4	bc	43	85	7	5	3	1	2-3	4-6	1500	1	*
2	Shoeburyness ...	993·6	+16	SSW	2	c	44	85	7	5	7	7	2-3	10	2500	1	*
	Felixstowe ...	993·3	+10	S'E	4	c	43	95	7	–	3	6	0	7-8	–	1	3
	Gorleston ...	993·1	+12	S'W	3	bc	42	95	6	5	–	–	2-3	2-3	2500	1	3
	Mildenhall ...	991·4	+10	SE	4	z₀	45	85	6	5	–	7	2-3	10	4000	1	*
	Cranwell ...	989·2	+6	SE'S	3	c	43	95	6	5	1	–	7-8	10	1500	1	*
3	Birmingham ...	988·1	+8	S	4	pr₀	43	85	6	6	7	–	7-8	10	800	1	*
	Upper Heyford	989·7	+10	SSW	4	c	43	85	8	–	1	–	0	9+	–	1	*
4	Ross-on-Wye	987·7	+6	SW	3	c/pr	45	75	6	6	1	–	7-8	9+	1500	1	*
5	Portland Bill ...	990·7	+8	WSW	5	bc	48	75	7	3	–	–	4-6	4-6	2500	2	5
	Plymouth ...	989·5	+2	SW'W	7	bc	48	75	8	9	4	–	2-3	2-3	1500	1	4
	The Lizard ...	989·7	+6	SW	7	c	47	85	8	8	–	–	7-8	7-8	2500	1	4
	Scilly (St. Mary's)	988·3	+6	W'S	6	c/pr	47	85	7	8	–	–	9	9	2500	1	4
	Guernsey ...	994·5	+8	SW	5	c	48	85	7	8	–	–	7-8	7-8	2500	1	4
6	Pembroke ...	981·9	+16	WSW	7	ir	46	95	7	5	2	–	7-8	10	1500	1	4
7	Holyhead ...	981·0	+18	S'W	3	c	46	85	8	8	7	3	2-3	9+	2500	1	3
	Chester (Sealand)	984·4	+8	SE	3	c/r	41	85	6	–	2	7	7-8	10	2500	1	*
8	Manchester ...	984·6	+4	S	4	c/r	45	85	6	5	7	–	7-8	10	2500	1	*
10	Spurn Head ...	988·8	+4	SSE	5	pr₀	42	95	6	5	2	–	7-8	10	1500	1	4
	Catterick ...	986·9	+2	SE	4	r₀r₀	43	95	6	6	1	–	9	10	800	1	*
	Tynemouth ...	986·7	0	SSE	4	o	44	95	7	6	–	–	10	10	1500	1	2
11	Inchkeith ...	986·9	-8	E	4	ir₀	42	95	8	6	–	–	10	10	1500	0	3
	Leuchars ...	988·4	0	E	4	r₀r₀	44	95	7	5	2	–	9	10	800	1	*
12	Renfrew (Abbots I.)	985·3	+8	ENE	4	z₀	43	95	5	5	–	–	10	10	1500	1	*
	Eskdalemuir ...	985·3	+8	E'S	4	ir	40	85	6	6	–	–	10	10	800	1	*
	Point of Ayre...	981·6	+8	SSE	5	pr₀	45	95	7	6	–	–	10	10	1500	1	4
13A	Tiree ...	984·7	+14	ENE	5	c	45	75	7	5	7	–	9	9+	1500	1	4
13B	Stornoway ...	991·6	+6	ENE	5	c	45	85	7	8	7	–	4-6	10	1500	1	2
15	Dalwhinnie ...	989·0	+8	SE	2	c	38	95	7	4	6	–	4-6	9	2500	1	*
	Aberdeen ...	992·0	+6	E'S	4	c	44	85	7	9	3	–	4-6	7-8	1500	1	3
16	Lerwick ...	994·2	+8	E	4	c	45	85	7	5	7	–	7-8	9	1500	1	3
		1002·9	+2	E'N	8	r₀s₀	36	95	6	6	–	–	10	10	450	1	*
17	Blacksod Point	975·6	+22	N	4	c	44	95	7	9	–	–	7-8	7-8	800	1	4
18	Malin Head ...	979·6	+28	E	6	u	45	85	7	9	–	–	10	10	800	1	4
	Aldergrove ...	978·9	+16	ESE	4	r₀r₀	44	95	7	6	2	–	9+	10	800	1	*
19	Birr Castle ...	975·3	+8	SW	3	rr	44	95	7	6	–	–	10	10	2500	1	*
20	Valentia Obsy. †	981·0	+6	W	4	c	47	85	8	5	–	–	7-8	7-8	1500	1	4
	Roches Point	981·9	+8	WSW	3	bc	44	85	8	8	–	9	4-6	4-6	1500	1	4

PAST 24 HOURS. — WEATHER.

District	Stations.	7h.—13h. 6th (37)	13h.—18h. 6th (38)	18h. 6th to 1h. 7th (39)	1h.—7h. 7th (40)
1	London (Kew)	cr₀rbc	cm₀r₀	cr₀bc	cm₀rr
	Croydon ...	r₀prpr₀	cpr₀bcm	cpr₀Rrq	r₀r₀rr
	S. Farnborough	RRcPR	prcPR	cbPRc	ir₀r₀ro
	Boscombe Down	rrcpr	cpr₀dc	bcpr₀	corr
	Calshot (Sthmtn.)	crrcir₀cp₀	cprhbcc	bccpr	bcorr
	Lympne ...	cdr₀r₀	cr₀bcc	cpr₀qbc	crrir
	Manston ...	cqir₀	cr₀r₀bc	bccprbc	ccr₀r₀
2	Shoeburyness ...	cqirc	c	cbc	crcq
	Felixstowe ...	cpr₀	cir₀c	c	ccrr₀c
	Gorleston ...	cprq	ocbcq	bccq	corr
	Mildenhall ...	cr₀	cm₀	cm₀	b-cm₀r₀
	Cranwell ...	cir₀c	c	c	bcc
3	Birmingham ...	rbc	cpr₀	cr₀bc	bcc
	Upper Heyford	cr₀q	bccr₀r₀c	cbcbbc	r₀r r₀r₀
4	Ross-on-Wye	cbccr₀	r₀corc	cqrcbcc	cc
5	Portland Bill ...	cprc	cprh	bcc	cpr
	Plymouth ...	bccpr₀pr	cbc ⊕	bcpr₀	bcpr₀
	The Lizard ...	prhc	cprq	bcpr₀	cprbc
	Scilly (St. Mary's)	pqcp₀	bccp₀	cbcp₀	p₀qbc
	Guernsey ...	cprc	cprbc	corr	orror
6	Pembroke ...	cqir	cqirc	cqPR	cqprc
7	Holyhead ...	rrprh₀	cpr₀c	cPRm₀	cpr₀
	Chester (Sealand)	cr₀	cr₀r₀ ⊕	cr₀r₀ ir₀	c ∞
8	Manchester ...	bccqm₀	cir₀r₀	ir₀c	cm₀
10	Spurn Head ...	cpr₀	cpr₀	bc	cbcc
	Catterick ...	om₀r₀	om₀r₀r₀	cm₀r₀cm₀	cm₀
	Tynemouth ...	coir₀	oir₀o	orr₀ir₀	oir₀c
11	Inchkeith ...	c	cir₀	r₀r₀	or₀r₀id
	Leuchars ...	cr₀c	crrirm₀	rr r₀r₀	or₀r₀rr
12	Renfrew (Abbots I.)	cz₀	czidqz	cz₀r₀rr	crir₀m
	Eskdalemuir ...	cr₀m₀	cr₀r₀	rrcm₀	crcm
	Point of Ayre...	Crr	propr	proc	PRpr
13A	Tiree ...	circ	cir₀c	c	cr
13B	Stornoway ...	cr₀r₀	c	cpr₀	c
15	Dalwhinnie ...	irc	c	*	irc
	Aberdeen ...	rcpr	cm₀bc	bccpr	cpr₀m
16	Lerwick ...	crrc	c	c	cr₀r₀
		oirs	oirsm₀	cirs	cprspr₀
17	Blacksod Point	prc	pr	prc	pr₀c
18	Malin Head ...	cir	cir	cir	er
	Aldergrove ...	crrr₀ir	cir₀r₀r₀	cr₀r₀c	cir₀c
19	Birr Castle ...	orr	orr	orrc	coir
20	Valentia Obsy. †	irr₀r₀c	ir₀pr₀c	cirpr₀	prpr₀c
	Roches Point	cpr₀c	cp₀bc	bccp₀	cpr

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.*

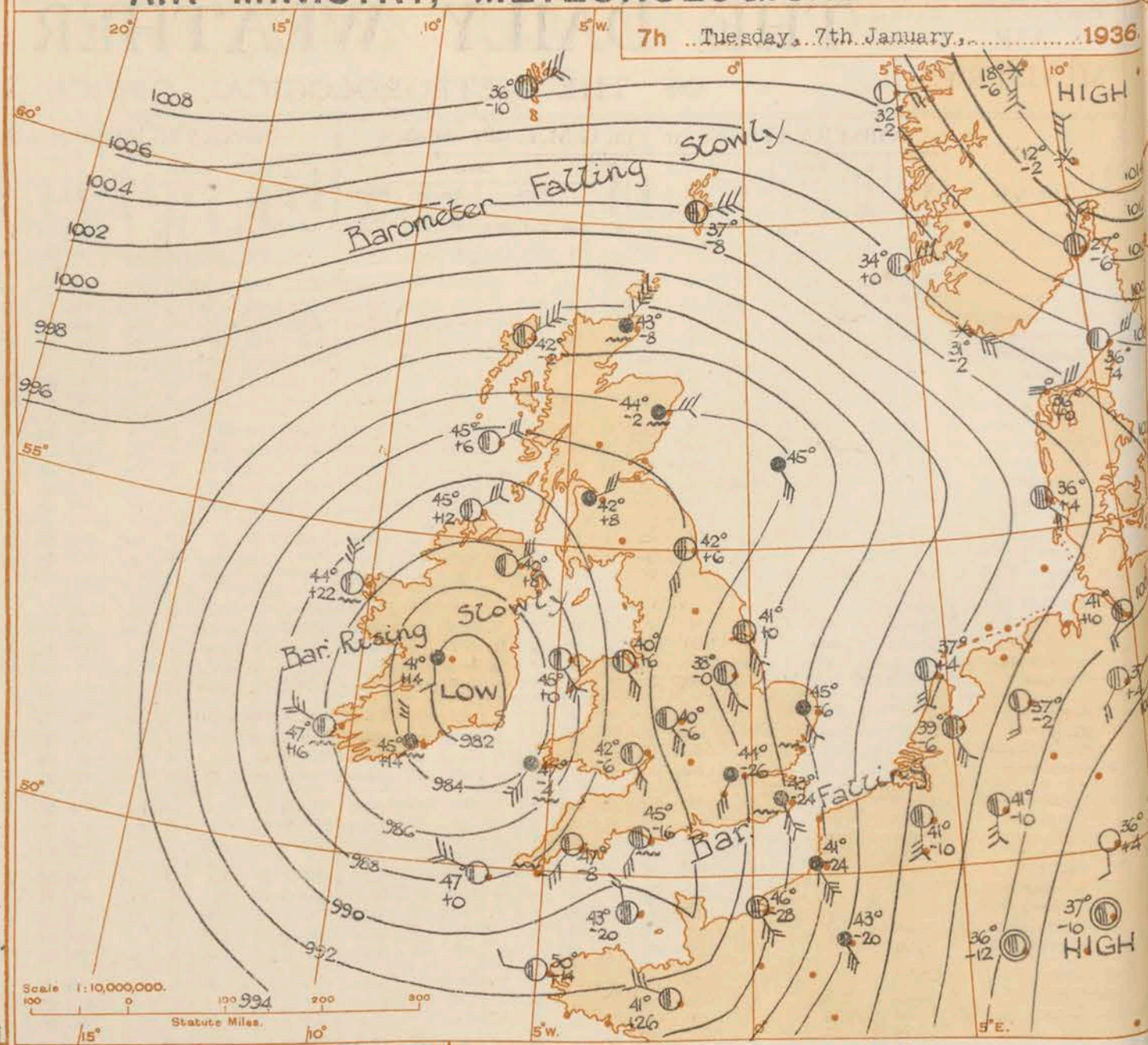
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 6th January 1936.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	opor	opc	40	46	6	3	0·3
	Bournemouth	obc	cor	43	48	7	5	1·5
	Ventnor ...	ropb	bpc	43	49	5	1	1·7
	Southsea ...	ocbc	bcopc	43	50	7	0·4	2·0
	Bognor Regis	cbcpr	bcpr	44	48	5	2	1·5
	Littlehampton	crc	cpc	40	48	3	2	1·6
	Worthing ...	roc	cbcc	44	48	3	1	1·6
	Brighton ...	c	berc	43	48	3	1	1·4
	Eastbourne†	or$_0$r$_0$o	ocr$_0$c	45	48	2	2	1·3
	Hastings† ...	orroc	bcc	44	47	3	4	1·3
	Folkestone ...	crcor	oirc	41	47	2	2	0·2
	Dover... ...	cor	orbc	43	48	3	2	0·0
	Deal	o	ro	42	47	3	-	0·1
	Ramsgate ...	c	rc	42	47	2	0·4	0·3
	Margate ...	cd	cbc	41	47	2	0·2	0·0
2	Southend ...	corc	cbcb	41	47	2	1	1·2
	Maldon ...	rcip	cbcc	40	47	3	0·5	1·2
	Clacton-on-Sea	cqc	cbc	40	46	2	0·2	0·2
	Dovercourt ...	pbcc	pbc	39	46	2	0·3	0·3
	Lowestoft ...	coir	d$_0$cbc	33	46	1	0·2	0·2
	Skegness ...	or$_0$bc	bc	39	45	2	0·1	2·1
	Mablethorpe	cor$_0$cbc	bcco	40	47	2	Trace	1·2
	Cleethorpes ...	or$_0$	orbc	39	45	2	0·3	0·3
3	Leamington S.	c	c	41	47	2	-	1·2
4	Cheltenham†	cqbcc	cir$_0$c	40	48	9	0·3	1·6
5	Bath	bbcc	cpbc	43	49	10	0·5	1·0
	Weymouth ...	rcb	cpc	39	50	5	0·5	1·5
	Jersey ...	rcbc	cbc	45	50	4	-	4·6
	Torquay ...	bbcrp	pbc	41	50	9	1	2·4
	Penzance ...	pc	bc	45	51	1	0·4	2·4
	St. Ives ...	c	c	44	50	1	-	1·8
	Bude	cp	cpbc	41	50	1	?	0·4
	Ilfracombe ...	ocr	crc	42	49	10	4	0·0
6	Aberystwyth	pr	cpr	41	46	3	2	0·0
7	Llandudno ...	cir$_0$	circ	43	46	2	1	0·0
	Colwyn Bay...	bcobc	bcdcr	41	46	2	1	0·1
	Rhyl	c	cr$_0$	42	46	1	0·1	0·2
8	Wallasey ...	c	cr	42	45	1	0·3	0·0
	Southport‖ ...	cbcco	oro	41	45	0·1	1	0·1
	Blackpool ...	c	or	42	44	-	2	0·0
	Morecambe ...	cbcc	crcd	42	46	-	2	0·2
9	Ilkley... ...	ogd$_0$o	orgcr	38	44	2	0·2	0·0
	Harrogate ...	c	cr	40	42	0·4	1	0·0
10	Berwick-on-T.	co	r$_0$r$_0$o	41	44	1	1	0·0
11	Dunbar ..	crr	crr	39	45	2	1	0·0
12	Troon... ...	ocbc	cbc	39	46	-	-	0·9
	Douglas ...	cbqir	pqirc	44	46	5	1	0·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 5/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Fog. Mist. 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. 7th January, 1936.
1. S.E. England 2. E. England... 3. E. Midlands	Light south wind becoming northerly backing tomorrow; showers, heavy locally, and bright intervals at first, a fair interval tonight with local fog inland; some rain later tomorrow; mild.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N Midlands 10. N.E. England	Light south wind, becoming northerly, backing tomorrow and freshening; occasional rain at first, a fair interval tonight with local fog; rain later tomorrow; rather mild.
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	Wind mainly easterly, moderate or fresh, mainly cloudy, rain at times; rather mild.
16 Orkney and Shetland	Fresh east wind, cloudy, occasional rain or sleet, cold.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate north wind, backing and freshening; showers at first followed by a short fair interval, some rain later; rather mild.

L.D.

GENERAL INFERENCE.

A depression over East Ireland is moving eastwards and filling up while a small secondary near the Channel Islands is moving northeast. Another depression is approaching from the Atlantic. Weather will continue unsettled with further rain in many districts.

FURTHER OUTLOOK.

Unsettled; mild.

Forecasts issued at 1100 G.M.T.

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 7th January 1936

27074

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

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	994·6	+8	SW'S	3	c	44	95	7	9	7	–	4-6	7-8	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	997·2	+6	SSW	4	c	44	85	7	5	–	–	4-6	4-6	1500
	Manston ...	142	996·7	+8	SW'S	4	c	45	85	8	5	–	7	4-6	10	2500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	995·8	+14	SSW	4	bc	42	95	8	–	1	–	0	4-6	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	991·6	–6	SSW	6	0	47	95	7	5	–	–	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	989·9	0	SW'S	5	c	47	85	8	8	7	–	4-6	7-8	2500
	Scilly (St. Mary's)	163	988·5	0	WSW	4	bc/pr	47	85	8	3	6	–	2-3	4-6	2500
	Guernsey ..	175	994·4	–14	SW'S	3	rr	44	95	5	5	–	–	10	10	1500
6	Pembroke ...	142	984·6	+8	SW'S	6	c q	47	85	7	8	–	–	9	9	1500
7	Holyhead ...	26	983·7	+12	S'E	4	c/pr	44	95	8	9	–	–	9+	9+	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	991·3	+6	S	5	c	41	95	7	0	2	2	0	7-8	–
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	988·5	+14	S	3	ir	44	85	6	6	–	–	10	10	1500
11	Inchkeith ...	190	989·6	+6	S'E	3	r.r.	43	95	7	5	2	–	4-6	10	800
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	984·7	+14	S'E	4	c	46	95	8	2	–	–	7-8	7-8	1500
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	994·4	+12	ENE	7	c	43	85	7	8	–	–	7-8	7-8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	995·7	+6	NE	5	c	43	95	7	8	1	–	7-8	9	1500
16	Lerwick ...	156	1003·1	0	E	6	r.s.	36	95	7	6	2	–	7-8	10	800
17	Blacksod Point	18	981·6	+138	N	6	c q	44	95	7	9	–	–	10	10	800
18	Malin Head ...	52	983·8	+18	E	5	ir	45	95	7	9	–	–	10	10	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	982·0	+14	NW'W	5	c u	47	85	8	9	–	–	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F. (32)	Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 6th hrs. (36)
London (Kew)	991·8	–20	SSE	3	0/r	44	95	6	5	–	–	10	10	1500	1	*	47	42	37	2	3	0·9
Croydon ...	991·7	–26	SE'S	3	r.	44	95	7	–	2	–	10	10	1500	1	*	46	42	38	4	7	0·1
S. Farnborough	991·3	–22	SSE	2	rr	44	95	6	6	2	–	7-8	10	800	1	*	47	42	37	10	5	0·9
Boscombe Down	990·4	–12	E	1	rr	40	95	7	6	–	–	10	10	800	1	*	46	39	36	1	3	1·4
Calshot (Sthmtn.)	989·5	–18	SE'E	1	rr	45	95	7	–	2	–	10	10	1500	1	3	49	43	40	7	8	1·5
Lympne ...	994·6	–24	S'E	5	ir	43	95	6	5	–	–	10	10	800	1	4	46	40	37	2	2	0·3
Manston ...	994·4	–22	SSE	5	r.r.	44	95	7	6	2	–	9	10	800	1	*	46	41	35	0·4	1	0·4
Shoeburyness ...	994·0	–22	S	5	c	45	85	7	6	2	–	9	10	1500	1	*	46	42	37	2	0·5	0·6
Felixstowe ...	994·9	–12	SE	5	c	44	95	7	5	–	–	10	10	1500	1	4	46	42	39	0·4	1	0·2
Gorleston ...	996·1	–6	SSE	4	r.r.	45	95	6	6	–	–	10	10	1500	1	3	47	41	38	0·2	0·4	0·0
Mildenhall ...	993·3	–14	ESE	3	r.r.	43	95	6	6	–	–	10	10	800	1	*	48	40	37	1	0·5	0·7
Cranwell ...	993·0	0	SE'S	3	c	38	95	7	5	–	–	7-8	7-8	4000	1	*	46	35	31	0·4	–	1·2
Birmingham ...	991·1	–6	SE	3	c	40	95	7	–	7	–	0	9	–	1	*	45	39	35	2	0·6	1·5
Upper Heyford	1001·5	–12	E	3	r.r.	40	95	8	5	–	–	10	10	1500	1	*	47	39	34	1	2	*
Ross-on-Wye	989·6	–6	SE'S	3	c	42	85	8	9	1	–	2-3	9	2500	1	*	46	42	34	1	1	0·5
Portland Bill ...	989·3	–16	SSW	3	0	45	95	7	5	–	–	10	10	1500	2	4	49	44	*	3	2	*
Plymouth ...	988·9	–8	SW	4	bc	47	85	8	8	3	1	4-6	4-6	2500	1	3	50	46	42	0·2	0·6	0·4
The Lizard ...	988·5	–4	WSW	5	bc	46	85	8	8	–	–	4-6	4-6	2500	1	4	50	45	*	2	1	*
Scilly (St. Mary's)	987·8	0	WNW	5	bc/pr	47	95	8	3	6	–	2-3	4-6	1500	1	3	50	45	*	1	0·6	3·8
Guernsey ..	990·5	–20	NNW	2	0/r	43	95	7	5	–	–	10	10	1500	2	2	50	42	40	3	11	2·1
Pembroke ...	984·0	–4	SW	5	pr	47	95	7	5	7	–	4-6	9	2500	1	4	48	44	*	5	3	0·0
Holyhead ...	984·5	0	SE'S	4	c/pr	45	95	8	9	1	–	7-8	10	1500	1	3	47	44	42	4	9	0·3
Chester (Sealand)	989·1	+6	SE'S	3	c	40	85	6	5	–	6	4-6	7-8	2500	1	*	45	40	35	1	0·5	0·3
Manchester ...	990·0	+6	ESE	3	c z.	40	85	6	5	7	–	2-3	9	2500	1	*	46	39	34	0·1	Tr	0·6
Spurn Head ...	992·7	0	SSE	4	c	41	95	7	5	2	–	4-6	9+	2500	0	3	44	39	*	0·2	Tr	0·3
Catterick ...	990·9	+10	S'E	2	0 z.	39	95	6	5	–	–	10	10	800	1	*	43	39	36	1	0·1	0·0
Tynemouth ...	990·1	+6	SSW	3	c	42	95	6	8	1	–	7-8	9	1500	1	2	44	41	39	0·3	0·3	0·0
Inchkeith ...	989·7	+6	SE	2	dd	41	95	6	6	–	–	10	10	1500	1	2	43	40	39	1	2	0·3
Leuchars ...	989·9	+4	E	2	id.	43	95	6	–	2	–	10	10	800	1	*	45	42	40	1	11	0·0
Renfrew (Abbots I.)	989·2	+8	E'N	3	ir.	42	95	4	5	–	–	10	10	1500	1	*	45	41	37	Tr	3	0·0
Eskdalemuir ...	989·1	+8	SE'E	2	c	40	95	6	6	2	–	9+	10	800	1	*	42	39	38	2	4	0·0
Point of Ayre ...	986·9	+8	SSE	4	0	44	95	8	3	–	–	10	10	1500	1	3	46	42	*	2	4	0·0
Tiree ...	989·1	+6	NE	5	c	45	75	7	5	–	–	9	9	2500	0	*	46	43	41	1	0·2	0·0
Stornoway ...	995·1	–2	NE	7	c	42	85	7	8	7	–	4-6	7-8	1500	1	3	46	41	*	0·5	Tr	0·0
Dalwhinnie ...	991·2	+4	NE	4	ir.	38	95	7	5	2	–	7-8	10	2500	1	*	41	36	32	1	1	0·0
Aberdeen ...	992·0	–2	E	4	pr.	44	95	6	9	–	–	10	10	800	1	4	45	43	40	0·1	3	0·0
Wick ...	994·7	–8	NE	7	r.	43	95	7	8	2	–	9	10	800	1	4	45	41	*	3	3	*
Lerwick ...	1002·3	–8	E'N	6	c/pr	37	85	7	9	7	–	7-8	9	800	1	*	39	35	*	1	0·6	0·0
Blacksod Point	986·6	+22	N	5	bc	44	95	7	9	–		4-6	4-6	1500	1	4	45	42	*	2	0·5	*
Malin Head ...	986·5	+12	NE	4	c	45	95	7	8	–	–	10	10	1500	1	3	46	42	*	4	4	0·0
Aldergrove ...	985·3	+8	NE	3	c	40	95	7	5	7	6	2-3	10	2500	1	*	46	40	37	4	2	0·0
Birr Castle ...	981·5	+14	S	1	ir	41	95	7	6	–	–	10	10	2500	1	*	44	40	39	8	6	0·0
Valentia Obsy. †	986·4	+16	NW'W	5	c/pr	47	85	8	9	–	–	9+	9+	1500	1	4	47	44	42	3	4	0·0
Roches Point	984·1	+14	NNW	3	pr.	45	85	8	6	–	–	7-8	7-8	1500	1	4	46	44	*	0·2	1	*

PAST 24 HOURS.

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

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon (24 hrs. ended 9h.)	Weather Night (24 hrs. ended 9h.)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h. (To-day)
KEW ...	18	c r r bc	c m r.	c m r. r r	47	42	37	2	3	0·9	*	*	6
CROYDON ...	217	r. pr pr.	c pr r. b c m	c pr r. r r	46	42	38	4	7	0·1	*	*	6
GREENWICH (Royal Observatory) ...	149	c ir	c bc	c Dr	47	41	36	0·3	5	1·1	81	94	6
CITY (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	0·7	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	49	44	37	3		0·9	77	89	*
REGENTS PK. (Botanic Gardens)‡ ...	168	*	*	*	48	43	40	0·2	3	0·1	77	90	*
CAMDEN SQUARE ...	110	c r c	c b c c	*	48	43	37	0·3	3	*	*	93	*
KENSINGTON ...	80	c p b c	b c	*	48	43	36	0·3	3	0·9	At 18h. 78	92	*
HAMPSTEAD OBSERVATORY ...	450	b c p	o r	b c o r	46	41	29	1	3	0·2	*	95	*

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 6th January Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 7th January Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
PARIS ...	1002·6	SSW	4	c	45	998·5	SSE	3	r.r.	43	50	41	1	0·5
BRUSSELS ...	998·6	WSW	4	ir.	43	1000·0	SSE	4	c	41	48	39	1	0·1
BERLIN ...	1007·0	S'E	3	c	34	1006·6	SW	3	c	37	37	32	–	1
ZÜRICH ...	1013·5	–	0	0	37	1009·9	N	1	bcm	34	37	28	Tr	–
ROME ...	1016·6	NNE	2	0	50	1016·5	E	3	c	50	*	*	–	–

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
Defective		Record	

Kew Observatory Max.	Time.	Min.	Time.
0·2	17h 6th	<0·1	0–6h 7th

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, 8th January, 1936

No. 27075.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	%Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	989·7	-22	SW	1	$r_o r_o$	44	95	4	6	2	-	9+	10	800
	Croydon ...	989·2	-16	SW'S	2	$r_o r_o$	44	95	6	6	-	-	10	10	1500
	S. Farnborough	990·1	-2	W	2	c/r	44	95	6	5	2	2	4-6	9	1500
	Boscombe Down	990·1	-2	S'W	2	cjp	45	85	7	5	-	2	4-6	7-8	1500
	Calshot (Sthmtn.)	990·7	+4	S'W	2	c	46	95	6	5	3	-	7-8	7-8	2500
	Lympne ...	990·7	-26	S	4	$d_o r$	43	95	5	6	2	-	9+	10	800
	Manston ...	990·5	-28	S'E	5	id_o	44	85	6	6	2	-	9	10	800
2	Shoeburyness ...	990·6	-20	SSE	4	$r_o r_o$	44	95	7	6	2	-	9+	10	1500
	Felixstowe ...	991·3	-26	SE'E	4	id_o	44	85	6	5	-	-	10	10	1500
	Gorleston ...	992·6	-24	SE	6	rr	43	95	6	6	-	-	10	10	1500
	Mildenhall ...	990·6	-22	E'S	3	rr	43	95	7	6	2	-	4-6	10	800
	Cranwell ...	991·0	-20	ESE	3	rr	42	95	5	6	2	-	10	10	800
3	Birmingham ...	990·1	-8	SSE	2	c	41	85	5	5	-	-	9	9	1500
	Upper Heyford	990·2	-6	-	0	c/r	41	95	8	5	7	2	2-3	7-8	1500
4	Ross-on-Wye	988·9	-6	S'E	2	c	46	85	6	5	7	-	7-8	9	4000
5	Portland Bill ...	990·1	+6	WSW	4	pr_o	49	95	7	8	-	-	9	9	1500
	Plymouth ...	989·6	+2	WSW	5	c	49	85	7	8	3	-	7-8	9	2500
	The Lizard ...	990·5	+4	WSW	6	c/pr	48	95	7	8	6	-	4-6	7-8	2500
	Scilly (St. Mary's)	990·5	+2	WNW	6	bc	50	75	7	8	-	-	2-3	2-3	2500
	Guernsey ...	992·1	+2	W	4	c/pr	47	95	6	5	2	-	7-8	9	2500
6	Pembroke ...	984·8	+6	W	4	c/pr	46	95	7	8	-	-	9+	9+	2500
7	Holyhead ...	986·8	+6	ESE	3	pr_o	46	85	8	9	1	-	7-8	9+	1500
	Chester (Sealand)	989·7	-4	SE'E	2	z_o	44	85	5	5	-	6	7-8	9	1500
8	Manchester ...	990·2	-6	SE'E	2	z_o	44	85	5	5	3	8	9	9+	4000
10	Spurn Head ...	991·0	-6	SE	4	rr	42	95	6	6	-	-	10	10	1500
	Catterick ...	992·1	-6	-	0	z_o	39	95	5	5	-	-	10	10	450
	Tynemouth ...	992·1	+6	-	0	c	41	95	5	4	-	-	7-8	7-8	4000
11	Inchkeith ...	992·1	+14	SE	2	c	43	95	6	5	7	-	4-6	7-8	1500
	Leuchars ...	992·6	+6	E	1	c	44	95	5	5	2	-	7-8	9+	2500
12	Rentrew (Abbots I.)	991·9	+8	ENE	2	f	43	95	3	5	-	-	10	10	1500
	Eskdalemuir ...	991·7	+8	ENE	2	c	40	85	7	5	7	8	2-3	9	800
	Point of Ayre...	989·4	+12	SSE	5	z_o	44	85	6	8	9	-	1	7-8	2500
13A	Tiree	991·3	+6	ENE	3	c	45	85	8	5	-	-	9	9	4000
13B	Stornoway ...	995·8	-6	ENE	5	c	43	85	8	8	7	-	7-8	10	1500
15	Dalwhinnie ...	993·4	+6	NE	2	c	38	95	7	4	6	-	7-8	10	2500
	Aberdeen ...	993·9	+6	SE	3	z_o	45	95	5	9	-	-	10	10	800
	Wick ...	995·1	-10	ENE	5	c	44	95	7	5	7	-	7-8	9+	800
16	Lerwick ...	1001·8	-6	E'N	5	cjp	38	95	8	6	2	-	4-6	10	1500
17	Blacksod Point	990·5	+6	N	3	bc	45	85	7	4	3	3	4-6	4-6	800
18	Malin Head ...	990·1	+6	ENE	3	c	46	95	7	8	-	-	9+	9+	1500
	Aldergrove ...	988·8	+6	E	3	ir_o	47	85	7	9	3	-	7-8	9	800
19	Birr Castle ...	987·9	+18	NNW	2	c	43	95	8	6	2	-	9	10	2500
20	Valentia Obsy. †	991·9	+24	NW'W	4	c	48	85	8	5	-	-	9+	9+	1500
	Roches Point	989·8	+30	NW	3	c	46	85	8	8	-	-	9	9	1500

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

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)	991·6	+8	SSW	3	z_o	44	95	6	5	-	-	9+	9+	4000	1	*
	Croydon ...	991·6	+6	SSW	4	z_o	43	95	6	5	3	-	7-8	9+	4000	1	*
	S. Farnborough	991·5	+4	S	2	pr_o	43	95	5	8	-	-	9	9	2500	1	*
	Boscombe Down	991·3	+10	SW'S	1	c	43	85	7	5	2	-	4-6	7-8	1500	1	*
	Calshot (Sthmtn.)	991·9	+8	SW	4	c	46	65	7	8	3	-	4-6	7-8	2500	1	2
	Lympne ...	993·8	+12	SW	4	c/pr	44	95	7	8	4	1	4-6	7-8	1500	1	§4
	Manston ...	993·2	+26	SW	4	ir_o	44	95	7	5	2	-	7-8	9	1500	1	*
2	Shoeburyness ...	992·3	+16	SW'S	4	c/pr	44	95	7	9	7	-	7-8	9+	1500	1	*
	Felixstowe ...	992·4	+22	S'W	3	z_o	42	95	5	5	3	1	2-3	4-6	2500	1	2
	Gorleston ...	991·2	+2	SW'S	3	$r_o r_o$	43	95	6	6	-	-	10	10	1500	1	3
	Mildenhall ...	991·2	+12	S	2	z_o	40	95	5	-	-	1	0	2-3	-	1	*
	Cranwell ...	991·0	+2	-	0	z_o	39	95	6	6	2	-	9	10	1500	1	*
3	Birmingham ...	990·8	+4	SE	1	m	42	95	4	-	3	-	0	9	-	1	*
	Upper Heyford	990·7	0	SSE	2	ir_o	42	95	6	5	7	4	2-3	7-8	2500	1	*
4	Ross-on-Wye	990·4	+8	S	1	z_o	43	95	6	8	7	-	7-8	9+	2500	1	*
5	Portland Bill ...	992·1	+20	W	5	c	48	95	7	4	-	-	7-8	7-8	2500	2	4
	Plymouth ...	993·3	+24	W'N	4	pr_o	46	85	7	9	3	-	7-8	9+	1500	1	2
	The Lizard ...	994·5	+32	W'S	7	bc	48	95	8	8	6	-	4-6	4-6	2500	1	4
	Scilly (St. Mary's)	994·8	+24	NW'W	6	bc	48	85	7	8	-	3	4-6	4-6	2500	1	4
	Guernsey ...	996·0	+14	W	5	bc	48	85	7	2	1	-	2-3	4-6	2500	2	4
6	Pembroke ...	989·6	+28	WNW	3	c	46	95	7	8	-	-	9+	9+	2500	1	3
7	Holyhead ...	990·7	+30	-	0	c	44	95	8	7	-	-	9+	9+	2500	1	2
	Chester (Sealand)	991·2	+10	E	1	m	42	85	4	5	-	-	9+	9+	1500	1	*
8	Manchester ...	991·1	+6	NE'E	2	o/f	43	85	4	5	-	-	10	10	1500	1	*
10	Spurn Head ...	990·2	-4	SSE	2	rr	42	95	6	6	-	-	10	10	1500	1	1
	Catterick ...	991·8	+2	N'E	1	$r_o r_o$	41	95	4	-	2	-	10	10	450	1	*
	Tynemouth ...	992·1	-2	E	3	$r_o r_o$	43	95	7	6	-	-	10	10	1500	1	2
11	Inchkeith ...	994·1	+12	E	2	bc	38	95	6	5	-	-	2-3	2-3	1500	0	2
	Leuchars ...	994·6	+12	E	2	c	42	95	7	5	-	-	10	10	1500	1	*
12	Rentrew (Abbots I.)	994·3	+18	ENE	2	m	42	95	4	5	-	-	9+	9+	2500	1	*
	Eskdalemuir ...	993·5	+18	NE'N	3	c	36	95	6	5	-	-	9+	9+	220	1	*
	Point of Ayre...	991·8	+20	E'N	4	bc	43	95	7	-	4	-	0	4-6	-	1	3
13A	Tiree	993·4	+14	NE'E	1	c	43	95	7	5	7	-	7-8	10	2500	0	2
13B	Stornoway ...	995·4	0	ENE	3	c	44	95	8	5	2	-	7-8	9+	1500	1	2
15	Dalwhinnie ...	994·3	+8	S	1	c	40	85	7	4	2	-	7-8	10	2500	1	*
	Aberdeen ...	995·7	+14	SSE	2	z_o	43	85	6	5	3	-	1	4-6	4000	1	3
	Wick ...	995·7	+4	ENE	4	c/r	44	95	7	6	2	-	7-8	10	1500	1	3
16	Lerwick ...	1001·0	-4	E'N	5	$r_o r_o$	38	95	7	9	2	-	7-8	10	800	1	*
17	Blacksod Point	993·1	+10	N	2	c	41	95	7	4	-	2	4-6	7-8	800	0	3
18	Malin Head ...	992·5	+20	SE'E	2	c	44	85	7	5	2	-	4-6	9+	1500	1	1
	Aldergrove ...	992·5	+22	E	2	z_o	40	95	6	8	-	-	4-6	4-6	1500	1	*
19	Birr Castle ...	991·3	+26	NNW	1	o	44	95	7	5	-	-	10	10	2500	1	*
20	Valentia Obsy. †	993·9	+10	-	0	bc	46	85	7	2	-	5	Tr.	2-3	1500	1	3
	Roches Point	993·9	+26	NW	3	c	45	85	8	5	1	-	2-3	7-8	1500	1	3

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 7th. (37)	Weather. 13h.—18h. 7th. (38)	Weather. 18h. 7th. to 1h. 8th (39)	Weather. 1h.—7h. 8th (40)
1	London (Kew)	$cr_o r_o m$	crbcc	cm_o	cm_o
	Croydon ...	$r_o r$ irrr	r_o rr pr_o	cpr_o bcc	cbc
	S. Farnborough	orr $m_o c$	$cpr_o m_o$	bcc cpr bc	cpr bc
	Boscombe Down	rrfcjp	crprbc	pr_o bc	bc bbc
	Calshot (Sthmtn.)	orr $cr_o m_o$	cm_o PR bc	bc-	bcc
	Lympne ...	$r_o r_o dr_o$	$cr_o r_o$ fpr	ccpr.	cpr_o bcc
	Manston ...	cr_o r_o ir	cm r_o ir_o	ir_o bc	bcc
2	Shoeburyness ...	crrc	rrcpc	cbc	bcc
	Felixstowe ...	$cir_o cr_o r_o$	$cr_o r_o$ cbc	bcc m_o	cm_o
	Gorleston ...	$or_o r_o$	orr	or_o cz.	bcc z_o
	Mildenhall ...	$cm_o r_o r_o$	crr $r_o r_o$	bcr_o bcm	$o m_o$
	Cranwell ...	$cr_o r_o$ fmnc	rr $r_o r_o$	cm_o	cbcm
3	Birmingham ...	cc	cbcc	corcm	cbcc
	Upper Heyford	rrRRrr	cbccr r_o	bccr r_o bc	bcc
4	Ross-on-Wye	cbcc	ccr $_o$ bc	ccm $_o$	bcc
5	Portland Bill ...	cpr	cPR	c	c
	Plymouth ...	bccpr	cprPR m_o	cir bc	bccr r_o
	The Lizard ...	bcprc	$cpr_o q$	pr_o qc	omr
	Scilly (St. Mary's)	cpq p_o	bccbc	p_o cbc	or_o rr
	Guernsey ...	orcpr	cprbc	bccpr	co
6	Pembroke ...	cqpr	cpr	cq	cmprbc
7	Holyhead ...	cpr $_o$	cpr_o c	bwcm.	bwmc
	Chester (Sealand)	o	cm	cff	cff
8	Manchester ...	cbccm $_o$	cm $_o$ ffm	cmf	cff
10	Spurn Head ...	corr	rr	prffc	czff
	Catterick ...	om_o	d_o omr r_o	$r_o r_o$ om_o	$om_o cr_o$
	Tynemouth ...	cm	$R_o R_o$	$or_o r_o$	co
11	Inchkeith ...	ddid $_o$ c	cz_o bc	bcidc	cidoc
	Leuchars ...	$om_o dcm_o$	cm_o c	cPR pr_o	cpr_o c
12	Rentrew (Abbots I.)	cid mff	cffm	cm	cmff
	Eskdalemuir ...	cm_o c	bccm $_o$	bccm $_o$	cm_o
	Point of Ayre...	ocz_o	z_o bc	bcbb	bcc
13A	Tiree	c	c	c	bcc
13B	Stornoway ...	cpr_o	c	c	cbc
15	Dalwhinnie ...	iroc	iroc	*	ire
	Aberdeen ...	prcm $_o$	cprbc	bccpr	cpr
	Wick ...	cpr	Rrr $_o$	c	c
16	Lerwick ...	cir $_o$ q	$cr_o r_o$	$cor_o r_o$ c	cpr
17	Blacksod Point	cbc	bc	bc	ir
18	Malin Head ...	c	c	bc	bcc
	Aldergrove ...	cprigbcrg	cirbccbc	cmobcb	bcc
19	Birr Castle ...	oirc	co	oir	oir
20	Valentia Obsy. †	c	cbc	bcwc	$cr_o r_o$ rr
	Roches Point	cprc	cpr_o c	cw	co RR

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.*

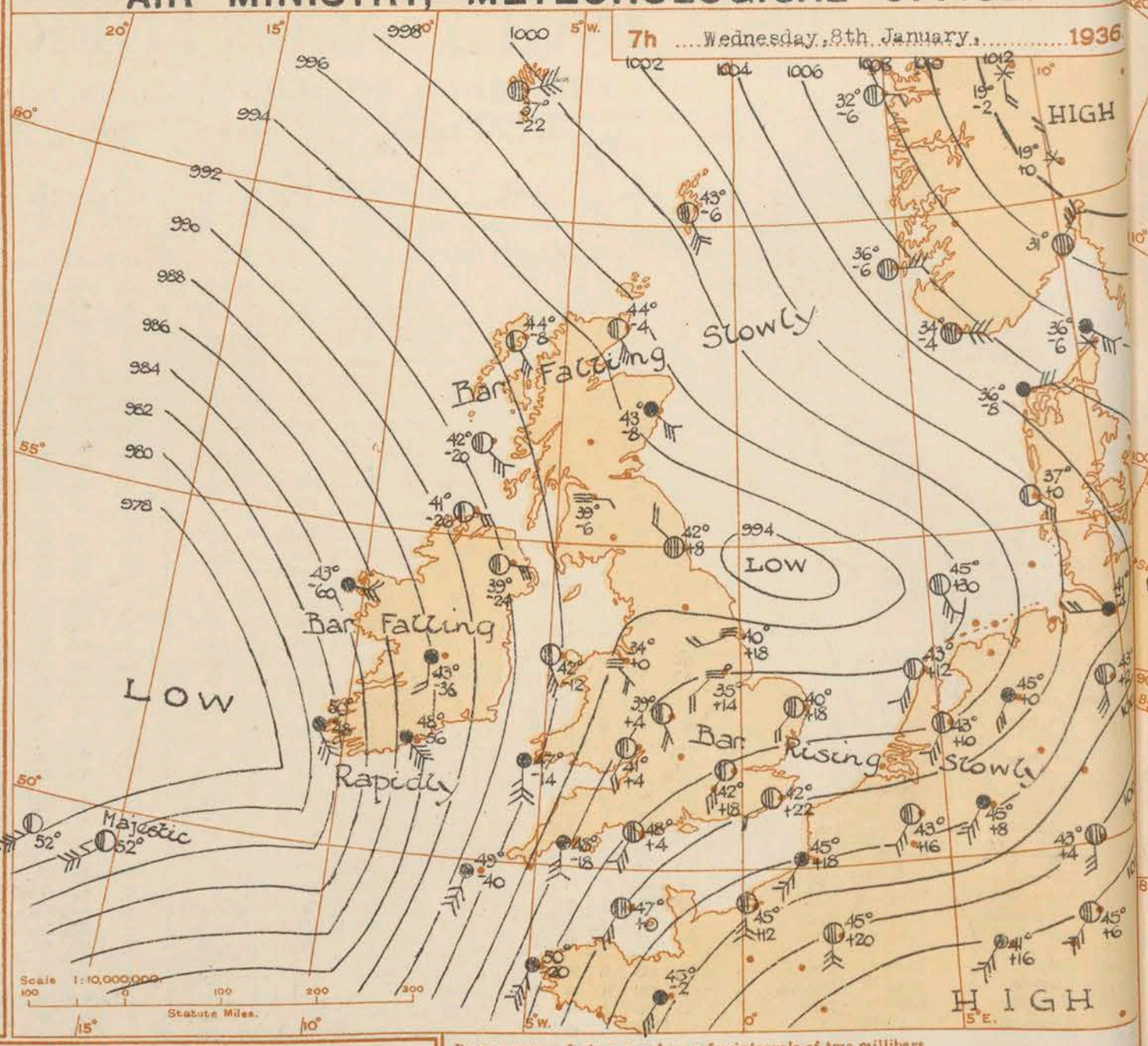
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 7th January 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.	orod	odcpc	41	44	9	9	0·5
	Bournemouth	obc	oro	42	47	7	2	1·2
	Ventnor ...	orb	bcpcu	43	48	13	2	1·1
	Southsea ...	or	cp	44	47	13	4	0·9
	Bognor Regis	rrrc	bcpr	44	48	10	5	1·0
	Littlehampton	orrc	cpc	44	47	8	6	1·2
	Worthing ...	rro	crbcc	44	47	10	7	0·7
	Brighton ...	crc	bcrc	43	47	8	7	0·7
	Eastbourne†	rr	rrcirc	44	47	7	9	0·4
	Hastings† ...	orro	cbccp	43	48	6	9	0·1
	Folkestone ...	orro	ocoR	43	46	12	7	0·0
	Dover... ...	ocor	oir	44	47	3	3	0·0
	Deal	r	orc	42	46	2	1	0·0
	Ramsgate ...	ro	rc	43	46	1	2	0·0
	Margate ...	cr	crdbc	42	46	1	2	0·1
2	Southend ...	or	orcbc	42	44	1	4	0·0
	Maldon ...	rr	rc	41	44	4	7	0·0
	Clacton-on-Sea	oird	irdcm	42	44	1	4	0·0
	Dovercourt ...	roc	roc	44	44	2	3	0·0
	Lowestoft ...	bccor	opr	41	44	2	5	0·0
	Skegness ...	oir	oirc	40	42	1	5	0·0
	Mablethorpe	oir	or	37	42	1	5	0·0
	Cleethorpes ...	odz	orr	35	42	Trace	6	0·0
3	Leamington S.	odc	c	40	47	0·2	1	1·2
4	Cheltenham†	ocbc	bccor	40	45	Trace	0·5	1·5
5	Bath	cbcb	bccr	41	49	1	2	3·1
	Weymouth ...	cbcp	pcpc	43	51	1	3	1·7
	Jersey ...	rcbc	bc	43	50	8	-	3·6
	Torquay ...	bccrp	bcrpb	40	50	6	1	2·1
	Penzance ...	cipbc	bcipc	44	51	2	2	2·1
	St. Ives ...	pr	pr	43	50	1	1	2·0
	Bude	cbcp	cp	36	48	0·2	2	0·2
	Ilfracombe ...	cp	bcq	43	49	–	3	0·3
6	Aberystwyth	prcpr	prc	42	47	13	4	0·8
7	Llandudno ...	cbc	cmbc	43	45	2	-	0·7
	Colwyn Bay...	bcbcc	cbcbc	41	45	3	-	0·5
	Rhyl	cbc	bcc	41	45	0·4	-	1·2
8	Wallasey ...	cbc	bccm	40	45	0·5	-	1·2
	Southport‖ ...	oc	co	39	45	2	-	1·3
	Blackpool ...	c	c	40	44	2	-	0·9
	Morecambe ...	ccbcc	c	41	46	1	-	1·2
9	Ilkley... ...	ogogo	ogoro	36	41	1	1	0·0
	Harrogate ...	cofro	ofro	36	40	0·1	2	0·0
10	Berwick-on-T.	c	ocfo	40	41	1	-	0·0
11	Dunbar ...	cmo	cmo	41	44	4	-	0·2
12	Troon... ...	ccbcc	cbcbc	38	44	1	-	0·7
	Douglas ...	ccbr	cbcmo	41	45	7	Trace	0·2

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.

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

WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 1/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. 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 January, 1936
1. S.E. England ▼ 2. E. England... 3. E. Midlands 4. W. Midlands	Freshening southeast wind, veering, strong locally on coasts; continuous rain at first, brighter intervals and showers later; probably rain again later tomorrow; mild.
5. S.W. England ▼ 6. South Wales ▼ 7. North Wales ▼	Fresh south wind, strong to a gale on coasts, veering and decreasing; continuous rain at first, followed quickly by brighter intervals and showers, with hail locally; rain again tomorrow; rather mild.
8. N.W. England 9. N Midlands 10. N.E England 11. S.E. Scotland 12. S.W. Scotland, & Isle of Man ▼	Fresh southeast or east wind, strong locally on coasts, decreasing later; continuous rain at first, becoming intermittent; average temperature.
13. { A. W Scotld ▼ B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16 Orkney and Shetland	Moderate or fresh east wind, strong locally on coast at first; mainly cloudy, rain at times; average temperature.
17. N.W. Ireland ▼ 18. N.E. Ireland ▼ 19. S.E. Ireland ▼ 20. S.W. Ireland ▼	Fresh southeast wind, strong to gale locally on coast, veering and decreasing; rain at first, brighter intervals and showers later with hail locally; rather mild.

GENERAL INFERENCE.

A large depression west of Ireland is spreading eastwards. Weather will be unsettled with some rain in most districts.

FURTHER OUTLOOK.

Unsettled; rain at times; rather mild.

Times of issue of Gale Warnings.

▼ South Cone hoisted at 0440 on 8th in districts 5, 6, 17, 19 and 20.

▼ South Cone hoisted at 0830 on 8th in districts 1 (part of) 7, 12, 13A, and 18.

Forecasts issued at 1000 G.M.T.

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

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

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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 8th January 1936

No. 27075

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

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	995·5	+2·0	WSW	4	c	44	85	7	5	3	–	9	9+	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	996·8	+1·8	WSW	3	pr.	43	95	7	5	2	–	9	10	2500
	Manston ...	142	996·1	+1·8	SW	3	c	43	95	7	5	5	–	2-3	7-8	2500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	994·9	+2·0	SW'S	2	c	41	95	6	5	–	–	9+	9+	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	998·0	+3·0	W	5	c	48	95	8	4	–	–	9+	9+	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	999·1	+1·6	SW'W	5	c	48	95	8	8	–	–	9	9	2500
	Scilly (St. Mary's)	163	998·7	+1·0	W'S	4	c	47	75	8	2	5	–	Tr	9	2500
	Guernsey ..	175	1000·8	+2·0	W	4	c	48	85	8	8	–	–	9	9	2500
6	Pembroke ...	142	994·8	+1·6	W	2	c	46	95	7	5	–	–	9	9	2500
7	Holyhead ...	26	994·8	+1·8	–	0	m	39	95	4	5	–	8	1	2-3	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	993·0	+1·8	W	3	c	39	95	6	5	2	–	4-6	9	800
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	993·7	+4	ENE	2	c/r	42	95	7	8	1	–	7-8	9+	1500
11	Inchkeith ...	190	996·5	+1·0	N	3	c	41	95	8	5	–	–	9+	9+	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	995·0	+1·2	EN	2	b	41	85	7	–	–	–	0	0	–
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	995·1	0	SE	2	c	45	95	7	5	7	–	7-8	9	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	997·2	+4	SE	3	c	45	95	7	8	7	–	9	10	1500
16	Lerwick ...	156	1000·3	0	SSE	5	c	43	95	7	8	2	–	7-8	10	1500
17	Blacksod Point	18	992·5	-1·0	SE	2	c	42	95	7	7	–	–	7-8	7-8	800
18	Malin Head ...	52	994·1	+4	SE	2	bc	39	85	7	5	8	–	2-3	4-6	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	991·8	-2·6	S	4	ir.	46	75	8	3	–	–	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
London (Kew)	1000·6	+1·6	SW	2	Zo	41	95	6	5	1	7	4-6	10	2500	1	*
Croydon ...	999·9	+1·8	SW	3	c	42	95	8	–	4	8	0	7-8	–	1	*
S. Farnborough	1000·5	+2·0	SW	3	c	42	95	7	5	–	6	4-6	7-8	4000	1	*
Boscombe Down	1001·0	+1·8	SW'S	3	c	42	95	7	5	–	–	7-8	7-8	1500	1	*
Calshot (Sthmtn.)	1000·6	*	SW	3	c	46	95	8	5	7	–	4-6	10	2500	1	§ 2
Lympne ...	1001·4	+2·2	WSW	2	c	42	96	7	5	–	–	9+	9+	4000	1	§ 2
Manston ...	1000·5	+2·2	SW	3	c	42	85	7	5	–	–	9	9	2500	1	*
Shoeburyness ...	1000·3	+2·4	SW	3	c	43	95	7	5	2	–	9	10	2500	1	*
Felixstowe ...	1000·0	+2·2	SSW	2	c Zo	42	95	6	5	7	–	4-6	10	2500	1	2
Gorleston ...	998·7	+1·8	SW	2	c	40	85	6	5	–	–	9+	9+	2500	1	2
Mildenhall ...	999·0	+2·0	S	2	o Zo	40	95	5	5	–	–	10	10	1500	1	*
Cranwell ...	998·0	+1·4	SW'W	2	m	35	95	4	–	3	6	0	4-6	–	1	*
Birmingham ...	998·6	+4	SSE	2	c Zo	39	95	5	–	2	–	0	10	–	1	*
Upper Heyford	999·3	+1·0	SSW	3	Zo	40	95	6	5	1	–	4-6	10	1500	1	*
Ross-on-Wye	997·9	+4	SSW	2	c	41	95	6	5	1	–	2-3	9	2500	1	*
Portland Bill ...	999·4	+4	SW	4	c	48	95	8	4	–	–	10	10	2500	1	4
Plymouth ...	998·0	-1·8	S	4	r. r.	48	95	7	6	2	–	7-8	10	1500	1	3
The Lizard ...	995·8	-2·4	S	6	rr	49	95	6	5	–	–	10	10	1500	1	4
Scilly (St. Mary's)	992·6	-4·0	SSW	6	rr	49	95	5	6	–	–	10	10	800	1	4
Guernsey ..	1002·0	0	SW	4	0	47	95	6	5	–	–	10	10	2500	1	2
Pembroke ...	992·9	-1·4	S	5	pr.	47	95	7	5	2	–	7-8	10	2500	1	3
Holyhead ...	993·6	-1·6	SSE	3	c	42	95	7	5	1	–	4-6	10	4000	1	1
Chester (Sealand)	996·6	0	SE'E	2	F	34	95	0	–	–	–	10	10	<150	1	*
Manchester ...	996·9	+4	S	1	f	40	95	3	5	–	–	10	10	2500	1	*
Spurn Head ...	996·1	+1·8	WSW	2	f	40	95	3	5	7	–	4-6	9	<150	1	1
Catterick ...	995·9	+6	–	0	r.	41	95	6	6	7	–	4-6	10	800	1	*
Tynemouth ...	995·6	+1·0	NW	2	c	42	95	6	6	–	–	10	10	1500	1	2
Inchkeith ...	996·2	-4	NNE	2	c	41	95	7	5	–	–	9+	9+	1500	1	2
Leuchars ...	995·7	-4	NE	1	c	42	95	7	5	–	–	9+	9+	2500	1	*
Renfrew (Abbots I.)	995·6	-6	E	1	cf	39	95	3	5	–	–	10	10	2500	1	*
Eskdalemuir ...	995·3	-6	–	0	c	38	95	6	5	1	–	9+	10	1500	1	*
Point of Ayre...	994·6	-1·0	SSW	2	bc	37	95	7	2	–	6	1	4-6	1500	1	1
Tiree	992·6	-2·0	ESE	4	c	42	85	8	5	7	–	4-6	7-8	2500	0	*
Stornoway ...	994·1	-8	SSE	3	bc	44	85	7	6	7	–	4-6	4-6	1500	1	2
Dalwhinnie ...	996·7	-7·2	NW	1	c	39	75	7	6	–	–	10	10	2500	1	*
Aberdeen ...	996·6	-8	ESE	4	pr.	43	95	7	8	–	–	9+	9+	1500	1	2
Wick ...	996·2	-4	SSE	3	c	44	95	8	8	1	–	4-6	7-8	1500	1	3
Lerwick ...	999·7	-6	SSE	5	c jp	43	95	7	9	2	–	7-8	9+	800	1	*
Blacksod Point	985·4	-6·0	E	5	rr	43	85	7	6	–	–	10	10	800	1	4
Malin Head ...	989·8	-2·6	E	3	c	41	85	7	8	–	–	9	9	1500	1	1
Aldergrove ...	991·8	-2·4	E	3	c	39	95	7	5	2	6	4-6	10	2500	1	*
Birr Castle ...	987·8	-3·6	S	2	ir	43	95	7	6	–	–	10	10	2500	1	*
Valentia Obsy. †	980·9	-4·8	SSE	6	rr	50	95	7	6	–	–	10	10	800	1	5
Roches Point	986·7	-5·6	SE	8	RR	48	95	6	6	–	–	10	10	800	1	5

PAST 24 HOURS.

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

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon.	Weather Night.	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity 15h. G.M.T. % (Yesterday.)	Humidity 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	c r. r. m	c r. b c c	c m.	45	41	34	5	Tr	0·7	*	*	6
Croydon	217	r. r. f r r	r. r r p r.	c p r. c b c	45	42	39	9	0·1	0·4	*	*	6
Greenwich (Royal Observatory)	149	r r.	r R r b m	c. c. c m.	45	41	37	5	Tr	0·1	90	92	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	
Westminster (St. James' Park)	27	*	*	*	47	42	36	7		0·1	92	87	*
Regents Pk. (Botanic Gardens)‡	168	*	*	*	46	42	39	8	–	0·0	97	92	*
Camden Square	110	c r	c r c	*	45	42	35	8	–	*	*	90	*
Kensington	80	c o r	b c	*	45	42	33	8	Tr	0·1	At 17h. 87	90	*
Hampstead Observatory	450	o r	c	c o m	44	40	29	8	–	0·0	*	97	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
Defective	Record.		

Kew Observatory. Max.	Time.	Min.	Time.
0·5	13h 7th	<0·1	0–6h 8th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 7th January. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 8th January. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris	1000·9	SSW	4	Zo	46	1008·1	S	5	Zo	45	50	43	1	–
Brussels	998·5	ENE	5	D	43	1002·8	SW	4	C	43	46	43	Tr	2
Berlin	1008·6	SSE	3	C	39	1007·9	S	1	Zo	36	43	34	–	–
Zurich	1018·0	NW	1	m	34	1015·9	WSW	1	Zo	36	37	34	–	–
Rome	1013·8	*	*	O	64	1012·9	E'S	7	O	55	*	*	–	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	1½ miles.
5	Poor visibility	2½ ,,
6	Moderate ,,	6½ ,,
7	Good ,,	12½ ,,
8	Very good ,,	31 ,,
9	Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 9th January 1936

No 27076

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	999·6	-20	S'W	3	r₀r₀	47	95	6	6	2	-	9+	10	800
	Croydon ...	1000·0	-14	SSW	4	r₀r₀	47	95	6	6	-	-	10	10	1500
	S. Farnborough	999·0	-16	S	5	r₀r₀	47	95	6	6	2	-	7-8	10	800
	Boscombe Down	997·0	-34	S'E	6	rr	46	95	6	6	2	-	10	10	800
	Calshot (Sthmtn.)	999·5	-12	S'E	6	rr	47	95	6	6	2	-	7-8	10	800
	Lympne ...	1002·6	-6	SSW	5	ir₀	46	95	6	6	2	-	7-8	10	1500
	Manston ...	1002·4	-6	SWW	5	c	47	85	6	5	-	-	10	10	1500
2	Shoeburyness ...	1001·5	-10	S	3	ir₀	47	85	6	6	1	-	9	10	1500
	Felixstowe ...	1001·7	-4	SSE	4	z₀	46	95	6	-	7	-	0	10	-
	Gorleston ...	1001·8	-2	S'W	3	c	44	85	6	5	4	2	4-6	7-8	2500
	Mildenhall ...	999·8	-8	SE'E	3	ir₀	45	95	5	5	2	-	7-8	10	1500
	Cranwell ...	998·2	-14	SE'E	3	ir₀	41	95	5	5	2	-	9	10	1500
3	Birmingham ...	995·8	-22	SSE	4	rr	43	95	4	6	-	-	10	10	800
	Upper Heyford	997·1	-30	SSE	3	r₀r₀	45	95	6	6	2	-	9	10	450
4	Ross-on-Wye	993·5	-34	S	4	rr	48	95	6	6	2	-	7-8	10	1500
5	Portland Bill ...	996·1	-36	S	6	rr	49	95	6	5	-	-	10	10	1500
	Plymouth ...	994·1	-10	SSW	7	c/r	50	95	6	6	2	-	9+	10	800
	The Lizard ...	993·4	+2	SSW	6	c	51	95	7	5	2	-	9	10	1500
	Scilly (St. Mary's)	992·1	+6	SWW	6	c	52	95	6	8	7	6	2-3	9	1500
	Guernsey ...	1000·4	-8	SSW	5	rr	49	95	7	5	-	-	10	10	1500
6	Pembroke ...	988·7	-14	SW	6	rr	49	95	5	5	-	-	10	10	800
7	Holyhead ...	987·8	-42	SSE	5	r₀r₀	47	95	7	6	2	-	9	10	800
	Chester (Sealand)	992·7	-64	SE'S	4	r₀r₀	43	95	4	-	2	-	10	10	1500
8	Manchester ...	993·8	-32	SSE	4	rr	44	95	5	6	2	-	7-8	10	1500
10	Spurn Head ...	988·7	-2	SSE	3	f	40	95	3	5	2	-	7-8	9+	2150
	Catterick ...	995·1	-18	SSE	2	m	39	95	4	-	7	-	0	10	-
	Tynemouth ...	994·9	-8	S	2	c	42	85	6	5	1	-	7-8	9	1500
11	Inchkeith ...	992·7	-10	E	2	c	41	95	8	5	7	-	2-3	9+	2500
	Leuchars ...	993·7	-18	SE	1	c/pr	43	95	6	5	2	-	4-6	10	1500
12	Renfrew (Abbots I.)	992·3	-22	E	2	m	42	75	4	5	2	-	Tr	10	2500
	Eskdalemuir ...	993·0	-18	SSE	3	c	39	85	7	5	2	-	4-6	10	1500
	Point of Ayre...	989·3	-40	SSE	6	rr	43	95	4	6	-	-	10	10	1500
13A	Tiree ...	986·9	-34	SE'E	5	c	43	75	7	5	2	-	7-8	10	1500
13B	Stornoway ...	990·3	-20	ESE	4	c	44	85	8	5	4	6	4-6	7-8	1500
15	Dalwhinnie ...	992·9	-26	S	4	ir₀	39	85	7	4	2	-	7-8	10	2500
	Aberdeen ...	993·8	-16	SE'E	2	z₀	44	95	5	8	-	-	10	10	1500
	Wick ...	994·4	-12	SE	5	r₀r₀	44	95	7	6	2	-	7-8	10	1500
16	Lerwick ...	999·4	-6	SSE	5	ir	41	95	7	9	2	-	7-8	9+	800
17	Blacksod Point	981·1	0	S	5	c	49	85	7	9	-	-	7-8	7-8	800
18	Malin Head ...	984·5	-46	SE'E	4	rr	44	95	6	8	2	-	7-8	10	1500
	Aldergrove ...	985·2	-46	ESE	6	rr	43	95	6	6	2	-	7-8	10	800
19	Birr Castle ...	985·0	+4	SW	2	c	51	85	8	6	1	-	7-8	9+	2500
20	Valentia Obsy. †	984·2	+12	SSW	5	c	51	85	8	8	8	1	7-8	9	1500
	Roches Point	987·7	+10	SW	3	bc	51	85	8	8	-	1	4-6	4-6	1500

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Cloud. Form. Med. (24)	Cloud. Form. High (25)	Cloud. Amount. Low 0–10 (26)	Cloud. Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	997·4	-10	SSW	4	r₀r₀	48	95	6	6	2	-	7-8	10	800	1	*
	Croydon ...	998·1	-6	SW'S	5	dd	47	95	5	6	2	-	9+	10	1500	1	*
	S. Farnborough	997·7	-2	SSW	5	r₀r₀	47	95	6	6	2	-	9	10	800	1	*
	Boscombe Down	996·5	0	S'W	5	r₀r₀	47	95	5	6	2	-	10	10	450	1	*
	Calshot (Sthmtn.)	998·1	0	S'W	7	c/r	48	95	7	6	2	-	7-8	10	800	1	4
	Lympne ...	1001·0	-8	S'W	5	r₀r₀	46	95	6	6	2	-	9+	10	450	1	§4
	Manston ...	1000·5	-16	SW'S	6	rr	47	95	6	7	-	-	10	10	450	1	*
2	Shoeburyness ...	999·5	-12	SSE	4	ir	47	95	7	6	-	-	10	10	1500	1	*
	Felixstowe ...	999·4	-14	SSE	5	rr	45	95	6	6	-	-	10	10	800	1	3
	Gorleston ...	999·2	-14	S	6	rr	46	95	6	6	-	-	10	10	800	1	3
	Mildenhall ...	996·9	-14	SE'S	4	o/r	48	95	6	5	-	-	10	10	1500	1	*
	Cranwell ...	994·5	-20	S'E	4	c/r	46	95	4	6	2	-	10	10	800	1	*
3	Birmingham ...	993·9	0	SSW	3	o	48	95	5	6	-	-	10	10	1500	1	*
	Upper Heyford	995·5	0	S	4	ir₀	48	95	7	6	2	-	9	10	450	1	*
4	Ross-on-Wye	993·8	+8	SW	3	o	49	95	6	6	-	-	10	10	1500	1	*
5	Portland Bill ...	996·3	+6	SW	5	c	49	95	7	5	-	-	10	10	1500	2	5
	Plymouth ...	994·8	+6	SSW	4	ir₀	50	95	6	6	2	-	9+	10	800	1	3
	The Lizard ...	994·3	+6	SSW	5	c	50	95	7	5	-	-	9+	9+	1500	1	4
	Scilly (St. Mary's)	993·3	+6	WSW	5	bc	50	95	6	8	4	3	2-3	4-6	1500	1	3
	Guernsey ...	999·0	-8	S'W	5	ir₀	49	95	6	5	-	-	10	10	1500	2	4
6	Pembroke ...	990·9	+12	SW'S	4	cq	49	95	6	5	-	-	9+	9+	1500	1	4
7	Holyhead ...	989·2	+14	S	3	c	48	95	6	5	-	-	9	9	800	1	2
	Chester (Sealand)	991·3	+4	S	3	z₀	46	95	6	5	7	-	4-6	9	1500	1	*
8	Manchester ...	991·3	-2	SSW	4	z₀	48	95	6	5	2	-	9	10	1500	1	*
10	Spurn Head ...	993·6	-14	S'E	5	rf	43	95	3	5	2	-	7-8	10	800	1	4
	Catterick ...	991·0	-20	SSE	2	d₀r	42	95	4	-	2	-	10	10	450	1	*
	Tynemouth ...	990·5	-24	SSE	4	rr	43	95	6	6	-	-	10	10	1500	1	3
11	Inchkeith ...	990·1	-16	E	2	rr	41	95	7	6	-	-	10	10	1500	1	2
	Leuchars ...	989·7	-12	ESE	3	ir	42	85	5	6	-	-	10	10	800	1	*
12	Renfrew (Abbots I.)	988·4	-14	NE	3	id₀	41	95	4	5	-	-	10	10	1500	1	*
	Eskdalemuir ...	988·5	-16	S'E	3	r₀r₀	41	95	6	-	2	-	10	10	450	1	*
	Point of Ayre...	987·9	+2	SW'W	4	c	48	95	7	8	-	-	9+	9+	1500	1	3
13A	Tiree ...	983·4	-14	ESE	6	ir	43	95	6	6	2	-	9+	10	1500	1	4
13B	Stornoway ...	985·2	-20	SE	5	rr	44	85	7	5	2	-	7-8	10	1500	1	3
15	Dalwhinnie ...	988·6	-16	SE	6	RR	37	95	6	6	-	-	10	10	2500	1	*
	Aberdeen ...	990·8	-14	SSE	3	z₀	44	85	6	5	2	-	4-6	10	1500	1	2
	Wick ...	989·7	-14	SE	5	r₀r₀	45	95	7	6	2	-	7-8	10	1500	1	4
16	Lerwick ...	996·3	-20	SSE	6	c/r	42	95	7	6	2	-	7-8	10	800	1	*
17	Blacksod Point	982·6	+12	S	4	c	49	75	8	9	-	-	7-8	7-8	800	1	4
18	Malin Head ...	982·6	+16	S'W	4	bc	47	95	7	4	-	-	4-6	4-6	1500	1	1
	Aldergrove ...	986·0	+16	S	3	bc	47	85	8	9	-	-	2-3	2-3	1500	1	*
19	Birr Castle ...	986·3	+6	SSW	1	c	47	85	8	5	-	-	7-8	7-8	2500	1	*
20	Valentia Obsy. †	986·0	+12	SSW	5	c	50	85	8	5	-	-	7-8	7-8	1500	1	4
	Roches Point	989·1	+4	SW	4	bc	47	85	8	6	-	4	4-6	4-6	1500	1	5

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 8th (37)	Weather. 13h.—18h. 8th (38)	Weather. 18h. 8th to 1h. 9th (39)	Weather. 1h.—7h. 9th (40)
1	London (Kew)	ccr₀r₀	cr₀rm₀	cr₀m₀	cm₀
	Croydon ...	bccr₀	r₀r₀rrd₀	cd₀d₀rrm₀	cr₀r₀c-bc
	S. Farnborough	ccr₀r₀c	r₀rrm₀c	r₀rprPRc	cm₀
	Boscombe Down	crrm₀	crrm₀	crr	cid₀m₀
	Calshot (Sthmtn.)	c-cir₀rm₀	crrr₀rm₀	c-cpr₀ir₀	cir₀c
	Lympne ...	cr₀	crr₀rm₀	cd₀ir₀	circ
	Manston ...	cm	od₀d₀rm₀	ord₀d₀c	cqc
2	Shoeburyness ...	cm₀ir₀	m₀rrc	circ	crcbc
	Felixstowe ...	cm₀	cr₀r₀rr	crr₀r₀p₀	cbcbm₀
	Gorleston ...	cz₀z₀	orrq	old₀q	bc
	Mildenhall ...	om₀cm₀	crrr₀r₀	ir₀cim₀bc	c-b
	Cranwell ...	cmcm₀	r₀r₀rrr₀r₀	cm₀pr	cpr₀
3	Birmingham ...	crr	crr	ocpr	cbcc
	Upper Heyford	cRr₀r₀	RRrr	cr₀bc	bcb-c
4	Ross-on-Wye	d₀cr₀₀r	roid₀	cpcd₀ip	cc
5	Portland Bill ...	rrz₀	rrz₀c	cPR	bcc
	Plymouth ...	cr₀rrir₀	cir₀m₀	cF	bbcc
	The Lizard ...	orrc	cprbc	cprc	cpr₀c
	Scilly (St. Mary's)	rrcp₀	cbc	bcbbc	bcc
	Guernsey ...	corr	orir₀	oprc	coo
6	Pembroke ...	cqifrm₀	cqm₀	cqbc	oqm₀ir₀
7	Holyhead ...	r₀rrc	r₀d₀m₀	cm₀r	bcer₀
	Chester (Sealand)	cr₀r₀	or₀r₀d₀	bcpir₀	bc
8	Manchester ...	ffm₀r	rrir₀	cprp₀	cpprb
10	Spurn Head ...	ff	ffrr	fr c	cbc
	Catterick ...	cm₀r₀cm	ofr₀rm₀	omdr₀cm	bcm₀
	Tynemouth ...	offc	coir	orrcm	cbc
11	Inchkeith ...	z₀c	crr	rrz₀c	cbc
	Leuchars ...	cm₀pr₀	cm₀r₀	orrm₀bc	opr₀f
12	Renfrew (Abbots I.)	cff-z	orrfr₀r₀	cm₀drr₀c	cm₀pr₀bc
	Eskdalemuir ...	cm₀c	or₀rr	rrcm₀	r₀ir₀
	Point of Ayre...	comrr	rrc	cirir	o₀pr₀
13A	Tiree ...	c	crrir	ciR	irbbc
13B	Stornoway ...	bcc	crr	crr	crr
15	Dalwhinnie ...	iroc	iroc	*	irc
	Aberdeen ...	pr₀z₀	cz₀	r₀r₀bc	bccwc
	Wick ...	cprr₀	cr₀r₀	cr₀r₀	r₀rbc
16	Lerwick ...	crprir	cir	cpr₀q	cmm₀
17	Blacksod Point	ir	cq	bc	prc
18	Malin Head ...	crrz	cr	cbcc	c
	Aldergrove ...	ccir₀crr	crrep₀bc	bce	cbcpr
19	Birr Castle ...	oirc	c	cpr	cprbc
20	Valentia Obsy. †	irpr₀c	cpr₀c	r₀THRc	cpr₀c
	Roches Point	rrcbc	cirbc	bcc	cpr₀c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

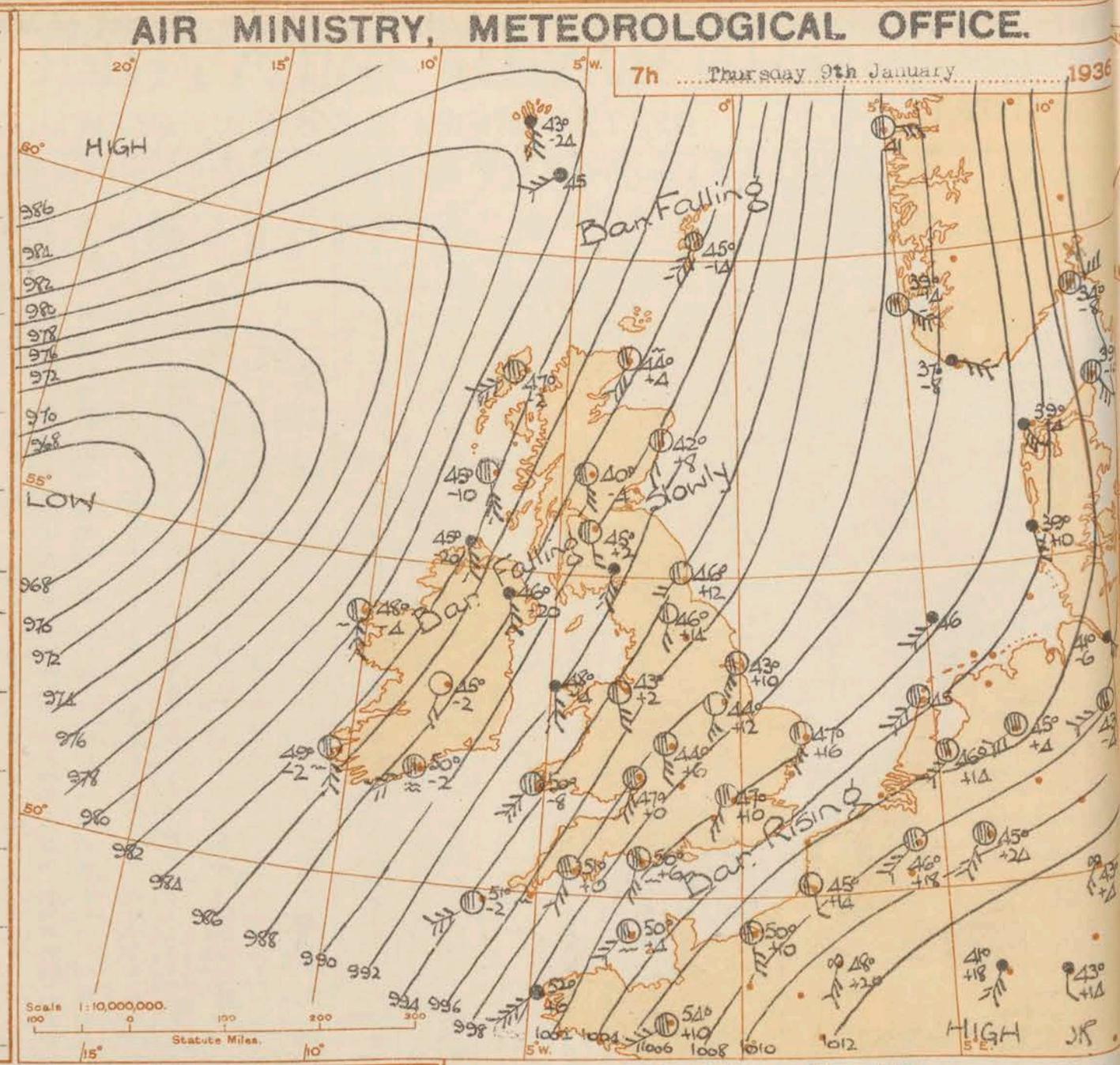
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 8th January 1936.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	o	ord	40	47	1	5	0·0
	Bournemouth	oro	oro	41	48	–	3	0·0
	Ventnor ...	rour	orcu	42	48	1	7	0·0
	Southsea ...	oor	oro	43	49	–	7	0·0
	Bognor Regis	orr	rr	44	48	0·3	7	0·0
	Littlehampton	cor	or	44	48	–	7	0·0
	Worthing ...	crr	rr	44	48	Trace	7	0·0
	Brighton ...	crc	crc	44	47	–	6	0·0
	Eastbourne†	coro	rorr	45	48	4	7	0·0
	Hastings† ...	ccor	orr	45	47	2	6	0·0
	Folkestone ...	omro	oorr	42	48	2	2	0·0
	Dover... ...	ocoir	or	44	48	2	1	0·0
	Deal	cor	or	42	49	2	1	0·0
	Ramsgate ...	c	cr	43	48	0·5	0·4	0·0
	Margate ...	c	cdr	42	48	–	0·3	0·0
2	Southend ...	cmo	or	41	46	0·2	1	0·0
	Maldon ...	co	or	39	47	–	1	0·0
	Clacton-on-Sea	co	oidr	41	45	–	1	0·0
	Dovercourt ...	bcc	roc	41	46	0·3	2	0·0
	Lowestoft ...	prcbc	bccor	39	45	1	2	0·2
	Skegness ...	bcmo	bcorr	36	45	0·2	3	0·0
	Mablethorpe	cmo	or	35	43	0·5	3	0·0
	Cleethorpes ...	bcef	or	35	44	3	2	0·0
3	Leamington S.	od	opod	39	49	2	3	0·0
4	Cheltenham†	coro	oro	36	~~52~~ 50	1	5	0·0
5	Bath	crr	rrc	46	51	Trace	4	0·0
	Weymouth ...	rr	dd	45	50	2	6	0·0
	Jersey ...	rcr	rc	46	49	3	5	0·0
	Torquay ...	oRr	dporo	43	51	3	11	0·0
	Penzance ...	rrqcc	cbcc	46	53	14	1	0·4
	St. Ives ...	r	o	45	53	19	5	0·0
	Bude	or	cpbc	42	53	2	4	0·3
	Ilfracombe ...	oirc	oir	44	53	6	6	0·0
6	Aberystwyth	cpr	proc	39	51	–	3	0·0
7	Llandudno ...	ciro	ciroc	39	52	1	1	0·0
	Colwyn Bay...	oooppp	pooccc	35	51	–	1	0·0
	Rhyl	coro	ordoc	33	50	Trace	1	0·0
8	Wallasey ...	cir	iroc	38	47	–	2	0·0
	Southport‖ ...	or	ro	37	46	–	6	0·0
	Blackpool ...	om	Ro	38	46	–	5	0·0
	Morecambe ...	c	drrrc	38	47	–	2	0·0
9	Ilkley... ...	omogo	orora	33	43	1	5	0·0
	Harrogate ...	cm	corr	37	42	0·4	3	0·0
10	Berwick-on-T.	oc	orfo	39	43	2	Trace	0·0
11	Dunbar ...	cmo	cmro	38	43	1	Trace	0·0
12	Troon... ...	cbcco	orroc	34	43	–	2	0·0
	Douglas ...	omir	iRmo	33	47	–	6	0·0

† 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. 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. 9th January, 1936.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate or fresh south to southwest wind, strong locally on coasts; mainly cloudy, occasional slight rain; very mild.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Fresh south to southwest wind, strong to a gale locally on coasts; mainly cloudy, rain at times; very mild.
9. N. Midlands 10. N.E. England 11. S.E. Scotland	Moderate or fresh south to southwest wind, strong locally on coasts; mainly cloudy, occasional rain, perhaps brighter intervals later; mild.
12. S.W. Scotland & Isle of Man 13. A. W. Scotld. B. N.W. Scotland 14. Mid-Scotland	As 5 - 8.
15. N.E. Scotland	As 9 - 11.
16. Orkney and Shetland	As 5 - 8.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate or fresh south to southwest wind, strong to a gale locally on coasts at first; rain at first, bright intervals and showers later; mild.

L.D.

GENERAL INFERENCE.

A deep depression is centred west of Ireland and secondaries are likely to move northeastwards across the British Isles. Weather will be very mild with occasional rain in most districts.

FURTHER OUTLOOK.

Unsettled; mild.

TIME OF ISSUE OF GALE WARNINGS.

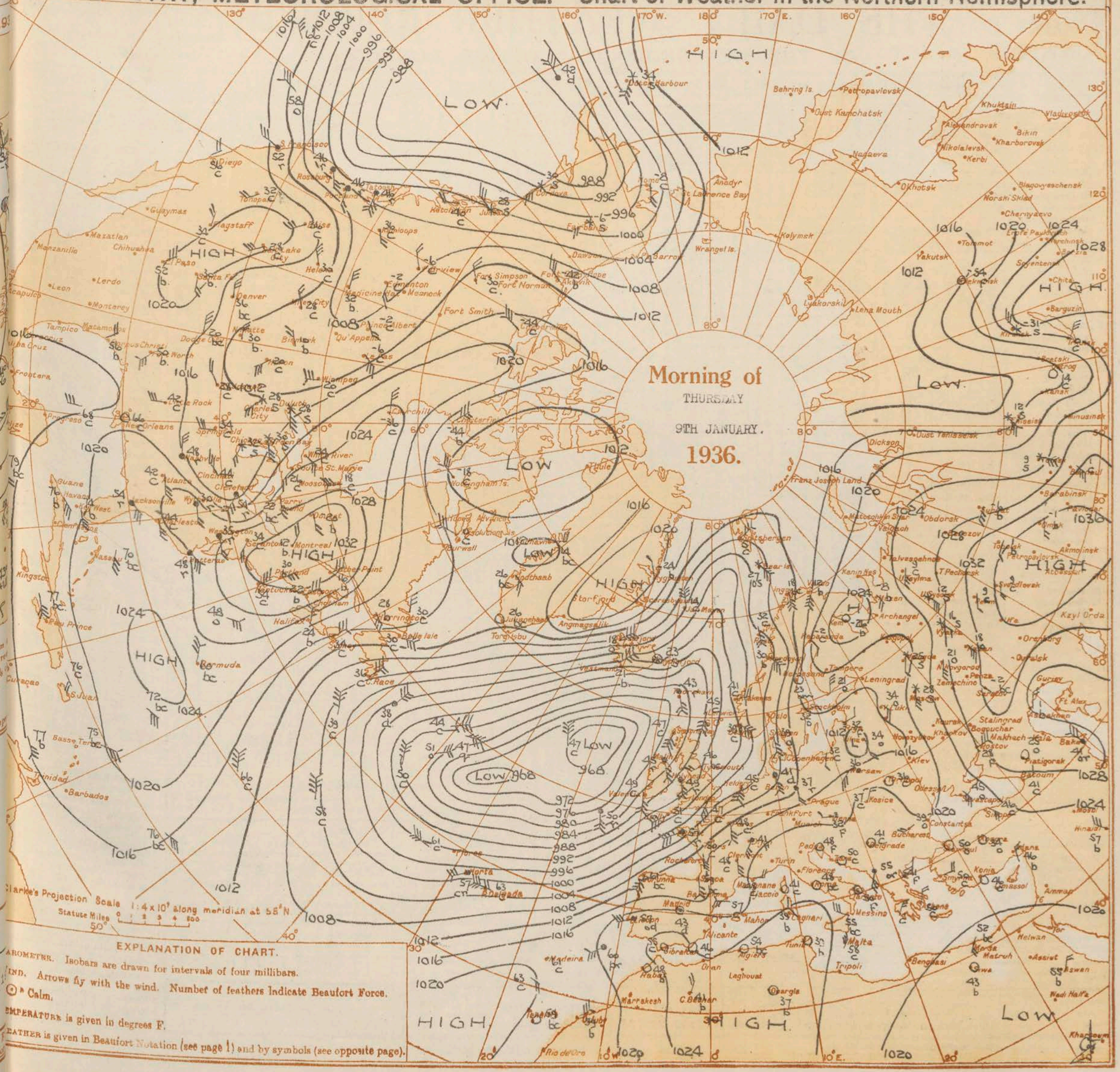
South cone hoisted 0900 9/1/36 in districts 5,6,19.

Forecasts issued at 1030 G.M.T.

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

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

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



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 9th January 1936

No 27076

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	998·9	+10	SW	3	rr	49	95	6	6	2	-	7-8	10	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1001·0	+2	SW	5	c/d	47	95	7	6	2	-	4-6	10	800
	Manston ...	142	1000·5	+2	SSW	4	d	48	95	7	5	=	=	9+	9+	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*		*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	998·4	0	S'W	4	o/d	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	996·9	+12	SE	4	bc	50	95	7	4	-	-	4-6	4-6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	997·8	+12	SSW	5	c	50	95	7	8	1	-	9	9+	1500
	Scilly (St. Mary's)	163	996·6	+8	SW	5	bc	50	95	6	5	-	-	4-6	4-6	1500
	Guernsey ..	175	1001·8	+18	SW	4	c	50	95	7	8	-	-	9	9	2500
6	Pembroke ...	142	993·3	+12	SW	4	bc	48	95	7	5	4	-	2-3	4-6	2500
7	Holyhead ...	26	990·9	+12	SSW	4	bc	47	85	8	1	-	1	4-6	4-6	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	994·3	+4	SSW	3	c	45	95	7	5	7	-	7-8	9+	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	9909	+6	SSW	2	c	45	95	6	4	-	-	7-8	7-8	4000
11	Inchkeith ...	190	989·5	-4	SW	1	c	44	95	7	5	-	-	9+	9+	1500
	Leuchars ...	35		*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	999·8	+6	WSW	3	rr	47	95	7	3	-	-	10	10	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	983·4	-4	SSW	6	rr	47	95	6	8	2	-	4-6	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	988·4	-8	S.E	6	ro ro	44	95	7	6	2	-	7-8	10	1500
16	Lerwick ...	156	989·9	-26	SSE	6	c	44	95	7	8	2	-	10	10	800
17	Blacksod Point	18	983·1	+4	S	5	c	49	85	7	5	-	-	10	10	800
18	Malin Head ...	52	984·9	+8	S	4	c	44	95	7	5	8	3	1	7-8	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	985·6	-6	S'W	5	c	50	83	7	8	-	-	9+	9+	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Cloud. Form. Med. (24)	Cloud. Form. High (25)	Cloud. Amount. Low 0–10 (26)	Cloud. Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 * (30)
London (Kew)	1002·0	+8	SSW	3	c	47	95	6	5	-	-	9	9	1500	1	*
Croydon ...	1002·2	+10	SW'S	3	c	47	95	7	5	7	6	4-6	7-8	2500	1	*
S. Farnborough	1002·1	+14	S	2	ro	48	95	6	5	1	-	7-8	10	1500	1	*
Boscombe Down	1000·7	+6	S'W	4	c/f	48	95	6	6	2	-	10	10	800	1	*
Calshot (Sthmtn.)	1002·1	+12	SSW	5	c	48	95	7	5	2	-	7-8	10	800	1	§ 3
Lympne ...	1004·3	+14	SSW	4	c	47	95	7	5	-	-	9+	9+	800	1	§ 3
Manston ...	1004·0	+18	SW	3	d	47	95	7	5	-	-	9	9	1500	1	*
Shoeburyness ...	1003·2	+20	SSW	2	c	45	95	7	8	2	-	4-6	7-8	2500	1	*
Felixstowe ...	1002·5	+16	S	5	bcz	45	95	6	5	4	-	2-3	2-3	1500	1	3
Gorleston ...	1001·4	+16	S'W	3	bc	47	95	6	4	-	-	2-3	2-3	2500	1	2
Mildenhall ...	1001·2	+16	S'E	3	b	46	95	7	-	3	-	0	1	-	1	*
Cranwell ...	999·0	+12	SSW	4	b	44	85	7	-	4	-	0	Tr	-	1	*
Birmingham ...	999·1	+6	S	3	c	44	95	8	5	7	-	2-3	9+	800	1	*
Upper Heyford	1000·3	+8	S	4	c	44	95	7	5	1	-	4-6	7-8	1500	1	*
Ross-on-Wye	997·9	0	S'W	4	c	47	85	6	6	7	8	4-6	9	2500	1	*
Portland Bill ...	1001·4	+6	SSW	4	c	50	95	7	5	-	-	10	10	2500	2	4
Plymouth ...	998·7	0	S'W	4	c	51	95	7	6	-	-	9+	9+	800	1	3
The Lizard ...	997·4	+2	SSW	6	c	51	95	7	5	2	-	7-8	10	1500	1	4
Scilly (St. Mary's)	995·5	-2	SW	6	c	51	95	6	5	-	7	2-3	10	1500	1	3
Guernsey ..	1002·2	+4	SSW	4	c	50	95	6	5	1	-	4-6	10	2500	1	4
Pembroke ...	999·9	-8	SSW	6	oq	50	95	6	5	-	-	10	10	1500	1	3
Holyhead ...	990·9	-14	S	5	ro	49	85	7	5	7	-	4-6	10	2500	1	3
Chester (Sealand)	995·5	+2	SSE	3	c	43	75	6	5	1	-	4-6	9	2500	1	*
Manchester ...	996·3	+10	S	3	b	43	85	7	-	3	r	-	1	-	1	*
Spurn Head ...	996·6	+10	SSW	3	bc	43	95	7	-	1	-	0	2-3	-	1	2
Catterick ...	995·1	+14	SSW	2	c	46	85	7	8	8	-	7-8	7-8	1500	1	*
Tynemouth ...	992·4	+12	SW	2	bc	46	85	6	4	-	-	2-3	2-3	4000	1	1
Inchkeith ...	991·5	+6	SSW	3	c	45	95	8	5	9	-	4-6	7-8	2500	0	2
Leuchars ...	990·4	+6	-	0	f	36	95	3	7	7	-	4-6	7-8	2500	1	*
Renfrew (Abbots I.)	989·5	+2	SSE	2	z	45	85	6	5	4	6	2-3	4-6	4000	1	*
Eskdalemuir ...	991·8	+6	SSW	5	ro	43	95	5	6	1	-	9+	10	220	1	*
Point of Ayre...	990·7	-2	SSW	5	o	48	95	7	5	-	-	10	10	450	1	3
Tiree	983·6	-10	SSE	6	c	45	95	7	5	1	-	4-6	7-8	2500	0	-
Stornoway ...	983·4	-2	SSW	6	c	47	95	8	8	7	-	7-8	9	1500	1	3
Dalwhinnie ...	989·1	-4	S	4	c	40	95	7	4	4	-	4-6	7-8	2500	1	*
Aberdeen ...	989·5	+4	SSW	2	c	42	95	6	5	-	-	10	10	1500	1	2
Wick ...	986·8	+4	SSW	4	bc	44	85	7	5	4	1	2-3	4-6	1500	1	4
Lerwick ...	987·9	-14	SSW	6	c/r	45	95	6	8	2	-	7-8	9+	800	1	*
Blacksod Point	981·7	-4	S	5	bc	48	85	7	3	-	-	4-6	4-6	1500	1	4
Malin Head ...	982·5	-20	S'E	4	r	45	95	7	8	-	-	10	10	1500	1	1
Aldergrove ...	986·4	-20	SSE	4	pr	46	95	7	6	-	-	10	10	800	1	*
Birr Castle ...	986·6	-2	SSW	2	bc	45	85	8	-	8	-	0	2-3	-	1	*
Valentia Obsy. †	984·8	-2	S	5	c	49	85	7	5	7	-	7-8	10	1500	1	4
Roches Point	989·7	-2	SW	5	c	50	95	7	6	1	-	4-6	9	1500	1	5

PAST 24 HOURS.

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

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon.	Weather. Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew ...	18	ccrorо	crorm6	crom0	48	47	42	3	0·5	0·0	*	*	6
Croydon ...	217	bccro	rorrrd0	cdorm0	48	47	43	5	4	0·0	*	*	6
Greenwich (Royal Observatory) ...	149	cro	rorrd0	dodrbc	50	43	40	2	2	0·0	93	90	6
City (Bunhill Row) ...	—		*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	51	45	39	0·3		0·6	96	87	*
Regents Pk. (Botanic Gardens)‡ ...	168	*	*	*	50	44	41	3·3	0·8	0·0	92	93	*
Camden Square ...	110	c	crc	*	50	44	39	3	1	*	*	90	*
Kensington ...	80	co	cco	*	50	47	36	3·4	1·6	0·0	At 18h. 89	89	*
Hampstead Observatory ...	450	omr	or	or	48	40	32	4·0	0·5	0·0	*	97	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

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

Kew Observatory. Max.	Time.	Min.	Time.
0·4	9 hrs 8th.	<0·1	0·7 hrs 9th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 8th January. Barom. mb	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 9th January. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris ...	1008·2	S	4	ro ro	48	1010·5	S	4	z	48	48	45	2	3
Brussels ...	1006·3	S'W	5	rr	46	1007·4	SSW	4	c	46	48	43	0·5	4
Berlin ...	1006·4	SW	2	d0	43	1012·1	S	2	ro ro	37	45	36	0·5	0·3
Zurich ...	1018·2	SE	0	bc	37	1019·2	S	1	c	37	37	34	-	0·2
Rome ...	1017·7	-	0	cu	55	1022·9	-	6	bc	48	*	*	-	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	1½ miles.
5	Poor visibility	2½ ,,
6	Moderate ,,	6½ ,,
7	Good ,,	12½ ,,
8	Very good ,,	31 ,,
9	Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

FRIDAY, 10th. JANUARY, 1936.

No. 27077

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base (feet) (14)
	OBSERVATIONS at 13h. G.M.T. 9th. January														
1	London (Kew)	1000·3	-16	SSW	4	ir	52	95	6	6	2	-	9+	10	800
	Croydon ...	1000·9	-20	SSW	5	id₀	51	95	6	6	-	-	10	10	800
	S. Farnborough	1000·0	-20	SW	4	iR	51	95	6	6	2	-	9+	10	800
	Boscombe Down	997·9	-26	S	5	rr	50	95	6	6	2	-	10	10	800
	Calshot (Stbmtn.)	1000·2	-18	SSE	6	ir	51	95	6	6	2	-	4-6	10	800
	Lympne ...	1004·0	-6	SSW	5	c	49	95	7	5	2	-	9	10	1500
	Manston ...	1003·5	-18	SSW	5	c	51	85	7	5	2	-	4-6	10	1500
2	Shoeburyness ...	1002·3	-16	S	4	c	50	95	7	6	2	-	7-8	10	1500
	Felixstowe ...	1002·7	-14	SSE	5	ir₀	47	95	6	6	2	-	7-8	10	1500
	Gorleston ...	1002·2	-10	S'E	6	o	49	95	6	5	-	-	10	10	1500
	Mildenhall ...	1000·0	-14	SE'E	4	ir₀	51	95	6	6	2	-	9+	10	800
	Cranwell ...	997·6	-18	SSE	4	ir₀	48	95	6	6	2	-	10	10	800
3	Birmingham ...	995·3	-26	SSE	4	r₀r₀	49	95	5	6	-	-	10	10	800
	Upper Heyford	997·5	-26	S	4	rr	50	95	6	5	2	-	9+	10	450
4	Ross-on-Wye	992·4	-46	S	4	c/r	52	95	6	6	2	-	9+	10	1500
5	Portland Bill ...	997·0	-30	S	6	o/pr	51	95	7	5	-	-	10	10	1500
	Plymouth ...	993·8	-44	S	7	ir₀	52	95	6	6	-	-	10	10	450
	The Lizard ...	989·6	-54	S	8	o	52	95	6	5	-	-	10	10	1500
	Scilly (St. Mary's)	985·7	-60	SSW	8	dd	53	95	5	5	-	-	10	10	1500
	Guernsey ...	1001·2	-18	S	5	o	54	95	7	5	-	-	10	10	2500
6	Pembroke ...	984·1	-64	S	8	rr	50	95	6	5	-	-	10	10	1500
7	Holyhead ...	984·8	-58	SSE	5	rr	49	95	6	6	2	-	7-8	10	450
	Chester (Sealand)	990·6	-40	SSE	5	ir₀	49	85	6	6	2	-	4-6	10	4000
8	Manchester ...	992·1	-28	S	5	c/r	50	85	6	5	2	-	2-3	10	1500
10	Spurn Head ...	996·7	-6	S	5	c	46	95	6	5	2	-	7-8	10	1500
	Catterick ...	992·3	-24	SSE	3	o₂	45	95	5	5	-	-	10	10	800
	Tynemouth ...	992·0	-10	S	3	o₀	45	85	6	6	-	-	10	10	1500
11	Inchkeith ...	988·4	-24	SSW	4	c	47	95	8	8	-	-	9	9	2500
	Leuchars ...	987·5	-22	SSE	3	c/r	46	85	7	9	2	6	7-8	9+	2500
12	Renfrew (Abbots I.)	986·5	-22	ESE	2	c/d	49	85	5	5	1	-	7-8	10	1500
	Eskdalemuir ...	987·6	-24	S	6	s/r	46	95	6	6	2	-	9	10	450
	Point of Ayre...	986·3	-26	S'W	4	ir₀	49	95	7	5	-	-	10	10	450
13A	Tiree	979·9	-20	SSE	5	c	47	95	7	5	7	8	2-3	10	1500
13B	Stornoway ...	979·9	-20	S	6	c/r	46	95	7	5	2	-	7-8	9+	1500
15	Dalwhinnie ...	*	-40	S	6	c	43	85	7	4	-	7	2-3	10	2500
	Aberdeen ...	987·4	-22	SSE	5	c/pr	46	85	6	3	3	7	2-3	10	1500
	Wick ...	985·0	-16	SE	5	c	46	85	7	8	7	-	7-8	9	1500
16	Lerwick ...	987·4	-6	S	4	bc	45	95	6	5	-	8	4-6	4-6	800
17	Blacksod Point	971·9	-84	S	5	rr	45	95	7	6	-	-	10	10	800
18	Malin Head ...	977·7	-46	S	4	cu	47	95	7	6	2	-	4-6	10	1500
	Aldergrove ...	981·2	-50	SE	4	ir₀	48	85	7	-	2	-	10	10	5700
19	Birr Castle ...	974·4	-94	SE	3	rr	48	95	7	6	-	-	10	10	2500
20	Valentia Obsy. †	965·7	-130	S'W	8	rr	53	95	7	6	-	-	10	10	800
	Roches Point	973·9	-106	S	8	rr	51	95	6	6	-	-	10	10	800

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)	Past 24 Hours. Weather. 7h.—13h. 9th. (37)	13h.—18h. 9th. (38)	18h.—1h. 9th to 10th (39)	1h.—7h. 10th (40)
	OBSERVATIONS at 18h. G.M.T. 9th. January																				
1	London (Kew)	991·1	-50	SSW	6	rr	54	95	7	6	2	-	10	10	800	1	*	cr₀m₀	orrm₀	orrbcq	crrm₀
	Croydon ...	991·8	-54	SSW	7	rr	53	95	6	6	-	-	10	10	1500	1	*	cir₀d₀m	crrRrq	ccrr₀cq	cr₀rbc
	S. Farnborough	990·8	-32	SW'S	8	iR	54	95	6	6	2	-	9	10	800	2	*	ir₀d₀irc	ir₀RR₀	r₀Rcpri	PRqbc
	Boscombe Down	989·9	-18	SW'S	8	ir₀	54	95	7	6	2	-	4-6	10	800	1	*	ir₀Ro	rrcir₀	ir₀oir	oRrc
	Calshot (Stbmtn.)	993·0	-38	SSW	9	ir₀	53	95	8	6	2	-	4-6	10	800	1	4	c₀cirm₀	crrm₀ir₀	cir₀-c	cprcr₀
	Lympne ...	996·4	-54	S	7	rr	51	95	5	6	-	-	10	10	450	1	§5	cpr₀m₀	cm₀r₀rr	cwrrd₀	cd₀ir
	Manston ...	995·6	-58	S	7	rr	51	95	7	6	-	-	10	10	800	1	*	cir₀	cirqrr	cqid₀	cqir₀
2	Shoeburyness ...	993·9	-62	S'E	7	rr	53	95	7	6	2	-	9+	10	1500	1	*	cprc	rrqc	cqrbc	cbcq
	Felixstowe ...	993·4	-68	SE'S	7	RR	49	95	5	6	-	-	10	10	800	1	4	b₀cir₀m₀	cir₀cRR	crrqbc	bccRRqb
	Gorleston ...	993·7	-48	SSE	7	rr	49	85	5	6	-	-	10	10	800	1	5	bcoq	or₀rrq	bcq	cq
	Mildenhall ...	988·6	-70	SE	6	rr	54	95	5	6	-	-	10	10	450	1	*	b₀cm₀	cr₀rr	crrr₀bc	bcrc
	Cranwell ...	983·9	-74	S'E	7	c/r	51	95	6	5	1	-	9+	10	1500	1	*	cir₀	ir₀rr	cPR	cprm₀
3	Birmingham ...	981·5	-68	S	7	ir	53	95	8	6	2	-	7-8	10	800	1	*	crr₀	or₀R	rbcPR	cpr₀
	Upper Heyford	986·5	-50	SSW	6	iR	53	95	4	6	-	-	10	10	450	1	*	cr₀r₀rr	r₀RRqr₀	cRr₀r₀	crrRr₀
4	Ross-on-Wye	984·5	-34	SW	8	id₀	55	65	7	9	-	-	10	10	2500	1	*	cor	rqiRQcQ	dqcIR	rqbcq
5	Portland Bill ...	989·8	-28	SW	7	RR	54	95	6	5	-	-	10	10	800	2	6	oPR	oRq₀	cbc	PRc
	Plymouth ...	990·4	+32	SW'W	8	c/pr	52	85	7	9	-	-	9+	9+	1500	1	5	cor₀m	orm₀cpr	cr₀	cm₀
	The Lizard ...	991·2	+30	SW	8	c	51	85	7	8	-	-	9+	9+	1500	1	5	crrom	opRc	cbcpr	cpr₀c
	Scilly (St. Mary's)	989·1	+60	W'S	8	bcq	51	75	6	8	-	-	4-6	4-6	2500	1	5	r₀d₀d₀	d₀cpq	cpr₀q	cqir₀
	Guernsey ...	997·0	0	SW	7	cq	56	95	6	8	-	-	10	10	1500	2	5	o	orroq	oqbtc	o
6	Pembroke ...	978·2	+20	WSW	11	oQ	50	85	6	5	-	-	10	10	1500	1	6	oqm₀rro	oqrrm₀	cqPRI	cqprm₀
7	Holyhead ...	966·1	-94	SSW	9	r₀r₀	47	95	6	6	2	-	7-8	10	800	2	5	r₀r₀R	rrRR	cr₂b	bcb
	Chester (Sealand)	975·5	-60	SSW	8	c/r	55	75	7	5	-	-	7-8	7-8	2500	1	*	cir₀m₀	cRR	crbc	bc
8	Manchester ...	975·8	-100	SSW	6	ir	54	85	6	6	2	-	4-6	10	800	2	*	pr₀ir₀	crrir	crRgb	cir₀
10	Spurn Head ...	981·0	-46	SSE	8	RR	48	95	6	6	-	-	10	10	1500	1	7	bcc	corr	rcqbc	bcqc
	Catterick ...	975·3	-116	S'E	5	rr	50	95	6	-	2	-	10	10	800	1	*	cad₀m₀	om₀rr	crrm₀c	cpr₀
	Tynemouth ...	976·8	-100	S	6	rr	47	95	6	6	-	-	10	10	1500	1	3	bco	orr	orrbcq	bcpoq
11	Inchkeith ...	973·5	-104	SE	4	rr	46	95	7	6	-	-	10	10	800	1	3	bccpr	crr	oircrr	rrc
	Leuchars ...	974·5	-92	ESE	4	rr	45	95	6	-	2	-	10	10	1500	1	*	bcfc ir₀	oirr₀rr	RRrq	cir₀q
12	Renfrew (Abbots I.)	967·8	-130	E	4	RR	47	85	4	6	-	-	10	10	800	1	*	bcm₀cir₀	cm₀rrRR	moRRq	cm₀rrqc
	Eskdalemuir ...	970·1	-118	SE'S	6	RR	47	95	5	6	2	-	7-8	10	450	2	*	r₀r₀c	RR	cRcr	czcR
	Point of Ayre...	966·1	-124	SSW	6	bc	50	95	7	9	-	-	4-6	4-6	1500	2	4	oir₀	rRrc	rrocc	cbc
13A	Tiree	964·5	-104	E'N	5	RR	45	95	6	6	-	-	10	10	800	1	4	c	oRR	oRR	c
13B	Stornoway ...	973·0	-40	E	4	c	47	85	7	5	2	-	7-8	10	1500	1	2	crr	c	crr	r₀r₀pr
15	Dalwhinnie ...	973·2	-80	SE	6	RR	42	95	6	6	-	-	10	10	2500	1	*	irc	irrrc	*	rrirc
	Aberdeen ...	977·2	-78	SE'S	4	ir	46	95	5	6	2	-	7-8	10	1500	1	3	czpr	cm₀ir	RRbc	cr₀c
	Wick ...	977·3	-48	SE	7	o	46	95	7	5	-	-	10	10	1500	1	4	bcc	cprc	orr	orrq
16	Lerwick ...	982·1	-44	S	6	c/r	45	95	6	6	2	-	4-6	9+	800	1	*	cbc m₀	bccir₀m₀	crrm₀	ur₀m
17	Blacksod Point	965·0	+40	W	7	oQ	45	95	7	9	-	-	10	10	800	1	5	rr	Rr	PRcq	PRtq
18	Malin Head ...	958·7	-114	S'E	4	r₀r₀	49	95	6	9	-	-	10	10	800	1	2	cv	crr	orr	cRr
	Aldergrove ...	960·7	-82	SSE	5	r₀r₀	51	95	6	6	2	-	9+	10	800	1	*	cpr₀omr	crrir₀	cr₀r₀rrq	cirir
19	Birr Castle ...	963·2	-18	WSW	5	ir	48	95	7	6	-	-	10	10	2500	1	*	bcorr	omir	oirq	oirc
20	Valentia Obsy. †	978·3	+142	SW'W	6	c	50	75	8	6	-	-	9+	9+	1500	1	5	r₀r₀rr	rrr₀c	cr₂oc	pr₀bcc
	Roches Point	979·3	+96	W	9	c/r	48	85	8	6	-	2	4-6	7-8	1500	1	7	RRrr	rrcc	cpbc	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/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.

NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed.*

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.

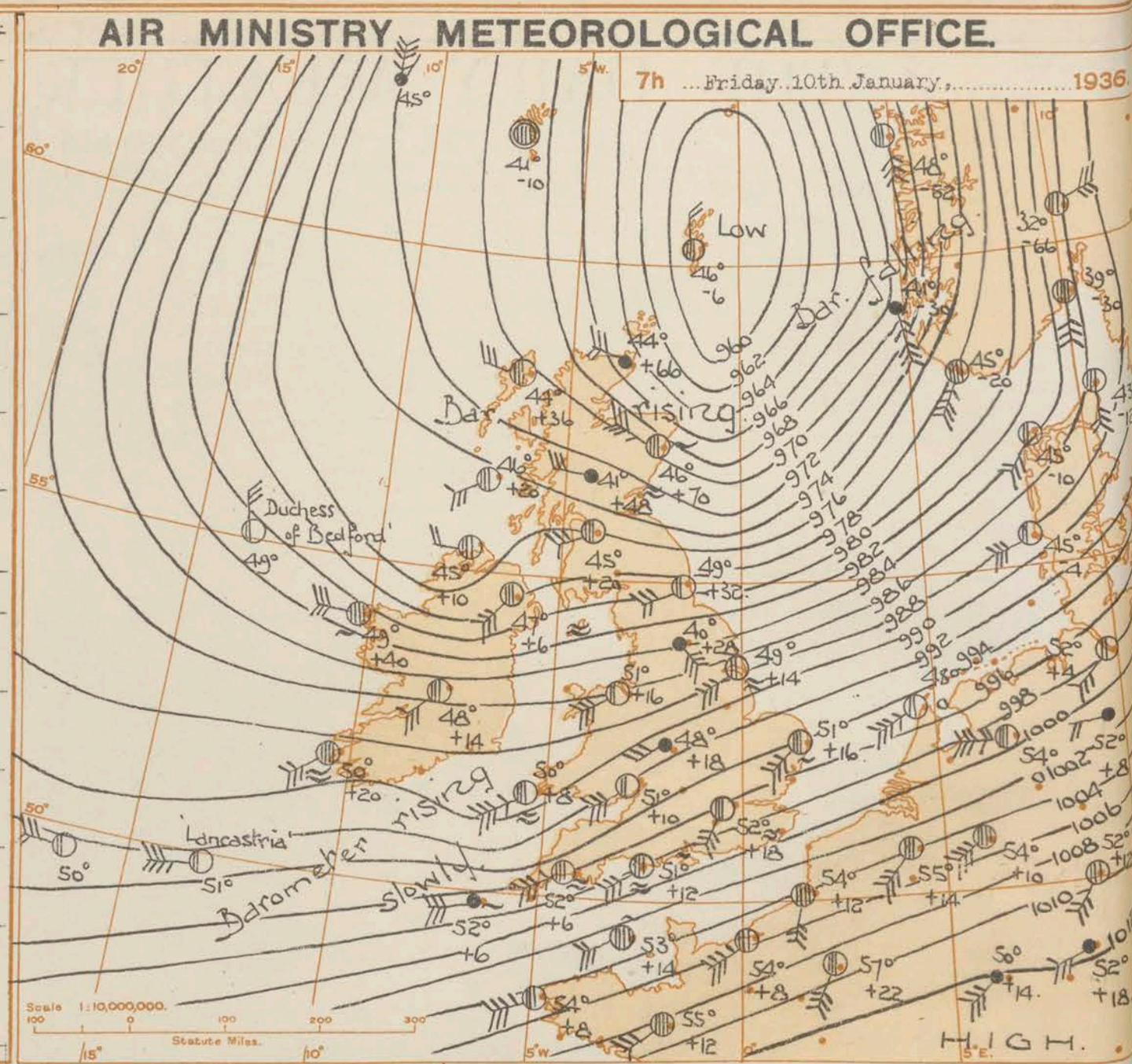
Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

§ Sea disturbance reported from Du[illegible]ness.

REPORTS from HEALTH RESORTS for 9th January 1936.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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. 8th
1	Tunbridge W.	odo	odor	44	53	5	5	0·0
	Bournemouth	oro	orr	47	53	2	7	0·0
	Ventnor ...	ropor	or	46	52	0·5	4	0·0
	Southsea ...	o	or	47	53	Trace	5	0·0
	Bognor Regis	o	rr	46	51	2	3	0·0
	Littlehampton	c	corr	47	52	2	4	0·0
	Worthing ...	cir	or	47	51	3	4	0·0
	Brighton ...	crc	crc	47	52	3	5	0·0
	Eastbourne†	or o	or orr	47	52	4	4	0·0
	Hastings† ...	copd	odr	46	51	7	3	0·0
	Folkestone ...	oir	oiror	46	52	6	2	0·0
	Dover... ...	ocpo	or	45	52	6	3	0·0
	Deal	o	or	45	51	6	1	0·0
	Ramsgate ...	c	poror	45	52	2	1	0·0
	Margate ...	c	cr	44	53	1	1	0·0
2	Southend ...	co	ororq	41	51	1	3	0·0
	Maldon ...	oir	oir	43	52	2	1	0·0
	Clacton-on-Sea	bcod	oidr	42	48	2	0·5	0·0
	Dovercourt ...	bc	bpoc	42	49	3	0·3	0·0
	Lowestoft ...	prcbc	bccor	39	49	3	1	0·0
	Skegness ...	bcoir	oir	36	49	1	2	0·0
	Mablethorpe	crmor	oirq	37	50	2	2	0·0
	Cleethorpes ...	c	cR	36	50	1	1	0·0
3	Leamington S.	oro	or	42	54	0·3	5	0·0
4	Cheltenham†	omorr	orrmc	45	55	0·3	8	0·0
5	Bath	cr	crrq	45	57	0·5	8	0·0
	Weymouth ...	oc	rrq	48	54	1	6	0·0
	Jersey ...	c	crc	47	54	0·2	2	0·0
	Torquay ...	orRq	oRqc	49	57	Trace	9	0·0
	Penzance ...	orqir	rcqc	49	57	0·3	3	0·0
	St. Ives ...	pr	pr	49	56	Trace	6	0·0
	Bude	rcr	pcq	47	58	0·3	2	0·0
	Ilfracombe ...	op	opq	48	57	1	4	0·0
6	Aberystwyth	cpr	prc	45	57	5	8	0·0
7	Llandudno ...	cr	rrqr	42	58	0·4	16	0·0
	Colwyn Bay...	pcc	drndr	42	57	3	18	0·0
	Rhyl	cr	orrc	37	56	1	11	0·0
8	Wallasey ...	c	orr	40	52	0·3	9	0·0
	Southport‖ ...	opo	oro	42	52	1	7	0·0
	Blackpool ...	o	R	39	51	1	6	0·0
	Morecambe ...	rcdcc	crr	38	52	3	8	0·0
9	Ilkley... ...	o	r	36	51	1	11	0·0
	Harrogate ...	o	corr	42	50	1	9	0·0
10	Berwick-on-T.	coc	ogro	40	47	3	Trace	0·0
11	Dunbar ..	c	crr	39	49	1	1	0·0
12	Troon... ...	roro	orror	39	50	4	3	0·0
	Douglas ...	omir	oRR	42	50	1	16	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. 10th January, 1936.
1. S.E. England ▼ 2. E. England... ▼ 3. E. Midlands	Strong southwest wind, gale locally on coasts, moderating slowly; bright intervals, showers, heavy locally; cooler.
4. W. Midlands 5. S.W. England ▼ 6. South Wales ▼	Wind southwest to west, fresh or strong, squally, gale on coasts at first, moderating later; bright periods, showers of rain and hail; cooler.
7. North Wales ▼ 8. N.W. England ▼ 9. N Midlands 10. N.E. England ▼ 11. S.E. Scotland ▼	Wind southwest, fresh or strong, gale locally at first; bright periods, showers, heavy at times with local hail; becoming colder.
12. S.W. Scotland & Isle of Man ▼ 13. { A. W Scotld. ▼ B. N.W. Scotland 14. Mid Scotland 15. N.E. Scotland ▼ 16. Orkney and Shetland ▼	Wind west, fresh to strong, squally, gale locally on coasts, veering northwest and decreasing slowly; mainly cloudy, showers of sleet, snow or hail, heavy locally; becoming cold.
17. N.W. Ireland ▼ 18. N.E. Ireland ▼ 19. S.E. Ireland ▼ 20. S.W. Ireland ▼	Wind northwest moderate or fresh, strong on coasts at first; bright periods, showers of rain or hail, local thunderstorms; colder than of late. L.D.

K.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 5/10 clouded. ◐ Sky 5/10 to 9/10 clouded. ● Sky 9/10 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.

An intense depression centred near the Shetlands is moving northeast and a secondary over Northern Ireland is moving east. Weather will be unsettled with heavy showers in most districts. Snow showers will occur in the North where temperature will fall decidedly.

FURTHER OUTLOOK.

Unsettled.

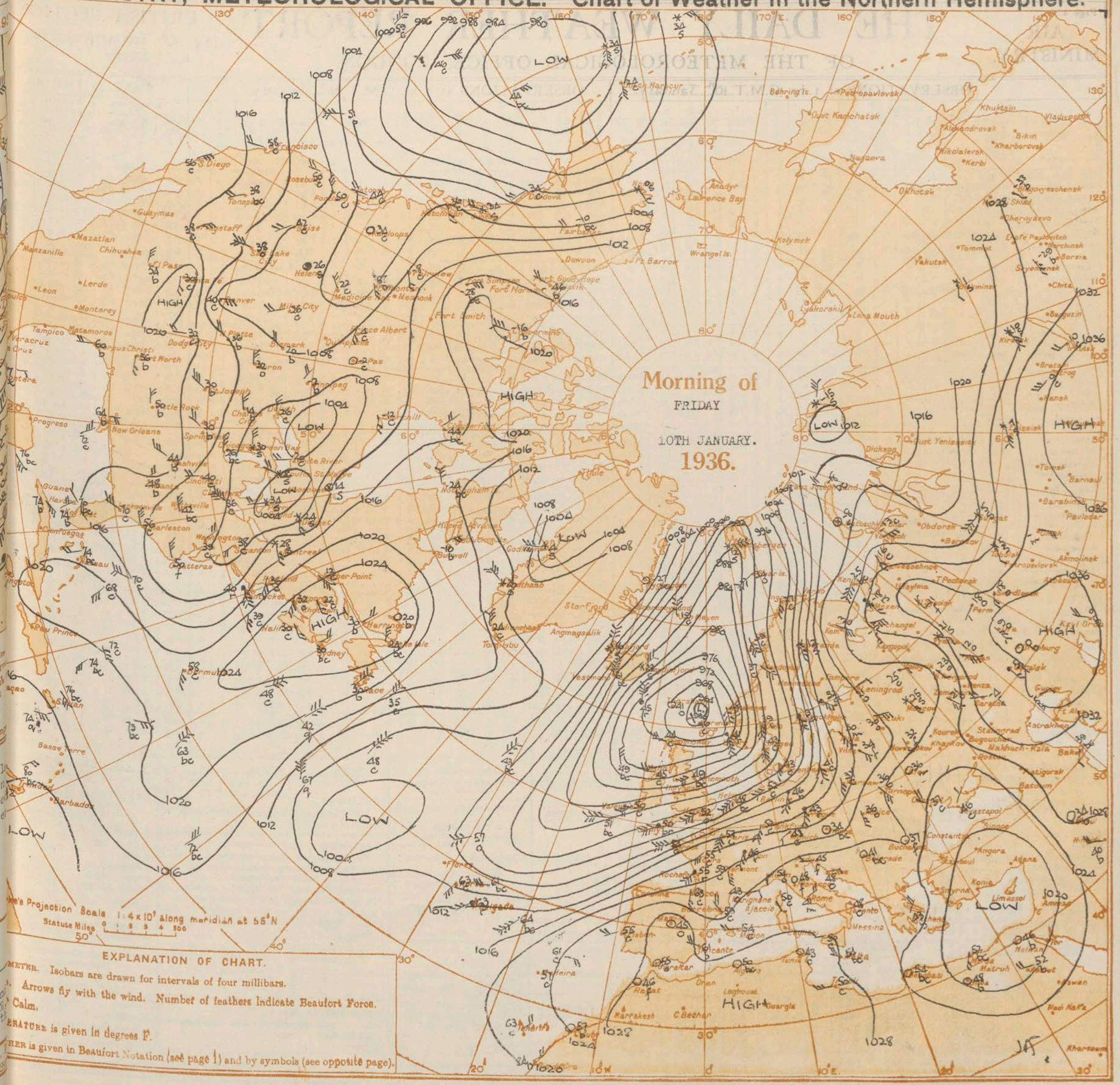
Times of issue of Gale warnings.

▼ South Cone hoisted 0900 on 9th in dists. 5, 6 and 19; at 1130 on 9th in dists. 7, 8, 10, 11, 12, 13, 15, 16, 17, 18 and 20. and at 1400 on 9th in dists. 1, 2 and Dogger Bank.

Forecasts issued at 1015 G.M.T.

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

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



EXPLANATION OF CHART.

METER. Isobars are drawn for intervals of four millibars.

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

Calm.

ERATURE is given in degrees F.

HER 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 10th January 1936

No. 27077

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

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	995·2	+2	SW	6	c	52	75	8	5	–	–	7·8	7·8	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	998·4	+10	SW	7	c/d	51	85	7	5	–	–	9+	9+	1500
	Manston ...	142	997·5	+14	SW	7	id₀	52	85	7	5	1	–	7·8	9+	800
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	992·0	+12	SSW	6	bc	49	85	7	5	4	–	1	2-3	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	995·6	+4	SW	7	bc	52	95	7	4	–	–	2-3	2-3	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	995·9	+16	SW	7	c/pr	51	95	7	5	1	–	9	10	1500
	Scilly (St. Mary's)	163	994·0	+14	W'S	7	bcq	52	85	6	3	4	–	2-3	2-3	1500
	Guernsey ..	175	1001·0	+12	SW	6	cq	53	85	6	4	–	–	9	9	2500
6	Pembroke ...	142	986·7	+20	WSW	8	cq	50	95	6	8	–	–	7-8	7-8	2500
7	Holyhead ...	26	980·9	+22	SW	6	c	50	85	8	1	8	–	4-6	7-8	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	983·2	+8	SW	6	b	48	85	7	–	–	–	0	0	–
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ..	100	972·0	+40	WSW	6	bc	49	75	7	7	–	–	4-6	4-6	4000
11	Inchkeith ...	190	962·1	+60	SW	8	rr	44	95	7	6	–	–	10	10	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	975·4	+74	W/S	8	c	49	75	8	8	–	–	9	9	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	963·8	–16	NNW	3	c/r	43	95	8	5	2	–	7-8	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	958·1	–56	SE	4	rr	46	95	6	5	–	–	10	10	800
16	Lerwick ...	156	965·1	–92	ESE	7	rr	44	95	6	9	2	–	9	10	800
17	Blacksod Point	18	974·7	+12	W	6	cq	48	95	7	8	–	–	10	10	800
18	Malin Head ...	52	972·1	+96	W	4	c/r	45	95	7	8	1	–	7-8	10	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	984·9	+14	S	6	c	50	*	8	9	–	–	7-8	7-8	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	997·3	+14	SW	5	c2₀	51	85	6	5	1	7	4-6	9	~~5700~~ 1500	1	*
Croydon ...	997·4	+18	SW'S	5	c₀	52	75	7	8	7	–	4-6	7-8	4000	1	*
S. Farnborough	998·0	+20	SW	5	c	51	85	7	5	7	–	7-8	9+	2500	2	*
Boscombe Down	997·1	+18	SW	4	c	50	85	7	5	7	–	4-6	10	1500	1	*
Calshot (Sthmtn.)	999·3	+12	SW	6	c/pr	51	95	7	5	–	–	9	9	800	1	4
Lympne ...	999·4	+8	SW	7	r₀	51	85	6	6	2	–	7-8	9+	800	1	§5
Manston ...	998·2	+8	SW	7	c/r	51	85	7	5	–	–	9+	9+	800	1	*
Shoeburyness ...	997·0	+10	SW	5	bcq	52	85	7	5	2	–	4-6	4-6	2500	1	*
Felixstowe ...	996·0	+10	SSW	5	b	49	85	7	5	3	–	1	1	1500	2	3
Gorleston ...	993·5	+16	SW'S	6	cq	51	75	8	5	9	–	4-6	7-8	4000	1	4
Mildenhall ...	993·6	+20	SSW	6	c	52	75	7	5	5	–	2-3	7-8	800	1	*
Cranwell ...	990·0	+18	SW	6	b	48	75	7	5	–	–	1	1	2500	1	*
Birmingham ...	992·0	+18	SW	5	pr	48	85	8	8	–	–	7-8	7-8	1500	1	*
Upper Heyford	994·7	+22	SW	5	c/r	48	95	7	5	–	–	9+	9+	1500	1	*
Ross-on-Wye	992·6	+10	WSW	6	bcq	51	75	7	9	–	–	4-6	4-6	2500	1	*
Portland Bill ...	999·6	+24	WSW	6	c	51	95	7	5	–	–	10	10	2500	2	6
Plymouth ...	997·9	+6	SW'W	8	cz₀	52	95	6	6	2	–	9	10	800	1	5
The Lizard ...	998·1	+4	SW	7	c	51	95	7	8	–	–	9+	9+	1500	1	5
Scilly (St. Mary's)	997·0	+6	W'S	6	r₀	52	95	5	8	–	–	10	10	1500	1	4
Guernsey ..	1003·0	+14	WSW	5	o	53	95	6	5	–	–	10	10	2500	1	4
Pembroke ...	989·6	+8	WSW	8	cq	50	95	6	8	–	–	7-8	7-8	1500	1	5
Holyhead ...	985·6	+20	SW	6	b	49	85	8	–	–	5	–	2	–	1	4
Chester (Sealand)	987·5	+16	SW	6	bc	51	85	7	5	–	–	4-6	4-6	2500	1	*
Manchester ...	987·0	+26	W'N	6	b/r	50	75	7	5	–	–	4-6	4-6	4000	1	*
Spurn Head ...	987·0	+14	SW'W	6	bcq	49	75	7	5	2	–	2-3	4-6	2500	0	5
Catterick ...	982·4	+28	SE'S	6	pr₀	40	65	8	9	–	–	9	9	1500	1	*
Tynemouth ..	978·9	+32	WSW	5	bc/pr	49	75	7	2	–	–	4-6	4-6	2500	1	2
Inchkeith ...	973·6	+46	SW	6	c	45	85	8	8	–	–	9	9	2500	1	5
Leuchars ...	973·6	+64	SE	5	c	45	85	8	8	7	–	7-8	9	2500	1	*
Renfrew (Abbots I.)	976·4	+20	SW'W	3	c	45	95	7	5	–	–	10	10	2500	1	*
Eskdalemuir ...	977·2	+30	SW	7	rr	44	95	6	6	–	–	10	10	1500	2	*
Point of Ayre...	981·1	+18	W'S	7	bc	49	75	8	9	–	–	4-6	4-6	1500	1	5
Tiree	974·6	+20	WSW	3	c	46	95	7	8	–	–	7-8	7-8	1500	1	*
Stornoway ...	970·8	+36	W	3	c/pr	44	95	8	8	7	–	4-6	7-8	1500	1	2
Dalwhinnie ...	973·5	+48	W	3	r₀	41	85	6	4	4	–	4-6	7-8	2500	1	*
Aberdeen ...	969·1	+70	W'N	7	c	46	65	7	–	7	7	–	10	–	1	4
Wick ...	964·2	+66	WNW	5	rr	44	85	6	5	–	–	10	10	800	1	3
Lerwick ...	958·4	–6	N'W	1	c	46	85	6	5	2	–	4-6	10	800	2	*
Blacksod Point	983·8	+96	W	6	cq	49	95	7	9	–	–	10	10	800	1	4
Malin Head ...	975·8	+10	W	2	c	45	95	7	8	–	–	9+	9+	800	2	2
Aldergrove ...	977·8	+6	SSW	6	c	47	85	8	5	–	–	9+	9+	1500	1	*
Birr Castle ...	984·9	+14	WSW	3	c	48	85	8	5	–	–	7-8	7-8	2500	1	*
Valentia Obsy. †	988·9	+20	SW	5	c	50	85	8	8	–	–	10	10	1500	1	5
Roches Point	990·2	+16	W	5	bc	50	85	8	8	–	–	4-6	4-6	1500	1	6

PAST 24 HOURS.

Stations	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Night 18h–7h mm. (35)	Sunshine 9th Hrs. (36)
London (Kew)	54	49	46	7	7	0·0
Croydon ...	54	51	48	12	3	0·0
S. Farnborough	54	47	47	13	9	0·0
Boscombe Down	54	48	46	10	10	0·0
Calshot (Sthmtn.)	53	50	47	7	1	0·0
Lympne ...	51	49	47	5	2	0·0
Manston ...	53	51	48	4	3	0·0
Shoeburyness ...	53	51	46	5	1	0·0
Felixstowe ...	49	47	45	2	8	0·0
Gorleston ...	50	49	47	2	1	0·0
Mildenhall ...	54	50	47	3	1	0·0
Cranwell ...	52	48	45	4	1	0·0
Birmingham ...	54	46	45	9	3	0·0
Upper Heyford	54	47	45	9	6.5	*
Ross-on-Wye	57	48	46	7	11	0·0
Portland Bill ...	55	49	*	6	1	*
Plymouth ...	53	50	49	4	Tr	0·0
The Lizard ...	55	50	*	2	1	*
Scilly (St. Mary's)	55	51	*	1	0·3	0·0
Guernsey ..	56	50	48	4	Tr	0·0
Pembroke ...	53	48	*	10	1	0·0
Holyhead ...	54	46	46	16	0·2	0·0
Chester (Sealand)	55	49	44	10	0·4	0·0
Manchester ...	55	49	45	5	2	0·0
Spurn Head ...	48	46	*	4	1	0·0
Catterick ...	50	49	44	12	5	0·0
Tynemouth ..	48	46	43	5	5	0·0
Inchkeith ...	49	43	41	1	2	0·0
Leuchars ...	47	45	41	4	10	0·0
Renfrew (Abbots I.)	49	44	41	8	12	0·0
Eskdalemuir ...	47	38	38	14	35	0·0
Point of Ayre...	50	45	*	23	2	0·0
Tiree	47	43	42	9	10	0·0
Stornoway ...	48	42	*	–	6	0·0
Dalwhinnie ...	43	39	35	6	24	0·0
Aberdeen ...	46	45	42	1	13	0·2
Wick ...	46	43	*	0·2	14	*
Lerwick ...	46	43	*	Tr	7	0·0
Blacksod Point	51	44	*	8	5	*
Malin Head ...	49	42	*	10	28	0·0
Aldergrove ...	51	44	42	11	4	0·0
Birr Castle ...	53	45	43	7	7	0·0
Valentia Obsy. †	54	49	46	19	0·3	0·0
Roches Point	54	48	*	17	0·3	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Afternoon.	Night.	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T % (Yesterday.)	9h. G.M.T % (To-day.)	Visibility 9h.
Kew..	18	cr₀m₀	orrm₀	orrbqm₀	54	49	46	7	7	0·0	.	.	7
Croydon	217	cir₀d₀m₀	crrRm₀	cr₀r₀bq	54	51	48	12	5	0·0	.	.	6
Greenwich (Royal Observatory)...	149	cir₀	cir₀qr	r₀cr₀rqq	56	50	47	4	3	0·0	87	85	6
City (Bushill Row)	—	.	.	.	.	.	.	.	.	0·0	.	.	.
Westminster (St. James' Park) ...	27	.	.	.	48	48	43	13		0·0	83	77	.
Regent's Pk. (Botanic Gardens)† ..	168	.	.	.	57	48	47	6	4	0·0	89	79	.
Camden Square	110	c	cp	.	56	50	45	6	7	.	.	82	.
Kensington	80	cd₀c₀	cor	.	57	49	43	5	4	0·0	At 18h. 92	81	.
Hampstead Observatory	450	or	o	bcor	55	47	40	6	15	0·0	.	94	.

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

South Kensington.

Max.	Time.	Min.	Time.
Defective Record			

Kew Observatory.

Max.	Time.	Min.	Time.
0·1	12 hrs 9th	0·1	20h 9th – 07h 10th

FOREIGN OBSERVATIONS.

18h. G.M.T.... 9th January

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1008·9	S	6	c2₀	55
Brussels	1005·0	S	6	rr₀	52
Berlin	1014·8	SW	3	c/d	43
Zurich	1023·8	SSE	2	bc	39
Rome	1025·1	WSW	2	b	54

7h. G.M.T.... 10th January

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Night mm.
Paris	1009·7	SSW	6	c	57	55	55	–	1
Brussels	1003·0	SW	6	c/p	55	52	50	0·1	5
Berlin	1004·5	SSS	5	r₀r₀	46	45	39	0·5	8
Zurich						41		7	
Rome	1026·1	NE	2	cm	41	.	.	–	–

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

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

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

SATURDAY, 11th. JANUARY, 1936

No. 27078

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	998·6	+6	SW	5	c3o	55	75	6	8	-	1	7-8	7-8	1500
	Croydon ...	999·3	+4	SW's	6	c	55	75	7	9	7	3	4-6	7-8	2500
	S. Farnborough	999·7	+10	SW'W	5	bc	54	75	7	8	7	-	4-6	4-6	2500
	Boscombe Down	999·6	+10	WSW	5	c	53	75	7	8	3	-	7-8	7-8	1500
	Calshot (Sthmtn.)	1000·9	+10	SW	6	c	53	85	6	8	4	1	4-6	9	1500
	Lympne ...	1001·0	0	SW'W	6	c	52	85	6	5	-	-	9+	9+	800
	Manston ...	999·3	-2	SW	6	cq	55	75	7	5	1	-	7-8	7-8	800
2	Shoeburyness ...	998·5	+4	SW'W	5	bc	54	75	7	8	-	-	4-6	4-6	2500
	Felixstowe ...	997·7	-2	S'W	5	bc	51	75	8	8	-	-	4-6	4-6	1500
	Gorleston ...	995·3	-6	SW	5	c	55	75	6	9	-	-	7-8	7-8	2500
	Mildenhall ...	995·0	-2	S'W	5	bc	55	75	7	8	-	-	4-6	4-6	1500
	Cranwell ...	993·3	+6	SW's	6	c	51	75	8	8	6	-	4-6	7-8	1500
3	Birmingham ...	994·9	+14	WSW	5	cjp	50	75	8	6	-	-	7-8	7-8	1500
	Upper Heyford	994·4	+12	SW	6	cq	51	85	8	8	-	-	9+	9+	1500
4	Ross-on-Wye	996·4	+14	W's	5	cq	51	75	8	8	-	-	7-8	7-8	4000
5	Portland Bill ...	1000·3	+10	SW	6	c	53	85	7	5	-	-	9	9	2500
	Plymouth ...	1001·4	+18	SW'W	7	pr	51	95	7	9	-	-	9+	9+	800
	The Lizard ...	1002·7	+16	SW'W	7	pr	52	95	7	8	6	-	7-8	7-8	1500
	Scilly (St. Mary's)	1002·1	+20	W	6	bc	53	85	6	3	6	-	4-6	4-6	1500
	Guernsey ...	1005·6	+14	WSW	6	cq	54	95	6	5	-	-	7-8	7-8	2500
6	Pembroke ...	995·0	+16	W's	6	bcq	50	95	6	5	-	-	4-6	4-6	2500
7	Holyhead ...	990·0	+22	SW	5	bc	51	75	7	7	-	-	4-6	4-6	2500
	Chester (Sealand)	990·7	+8	WSW	6	bc	54	65	7	8	-	-	4-6	4-6	2500
8	Manchester ...	990·6	+18	W's	5	bc	52	65	7	1	-	-	4-6	4-6	4000
10	Spurn Head ...	989·8	+4	WSW	6	cq	52	75	7	6	7	-	4-6	7-8	2500
	Catterick ...	985·8	+8	WSW	6	pr	50	65	8	9	-	-	9+	9+	1500
	Tynemouth ...	982·6	+12	WSW	4	cq	45	75	8	8	1	-	4-6	7-8	1500
11	Inchkeith ...	979·6	+20	SW	3	bc	44	95	7	5	-	-	4-6	4-6	2500
	Leuchars ...	978·7	+12	WSW	4	bc	47	85	8	7	4	-	2-3	4-6	4000
12	Renfrew (Abbots I.)	981·8	+32	WSW	3	c	46	95	8	8	3	-	7-8	9	800
	Eskdalemuir ...	981·6	+18	WSW	6	r₀r₀	45	95	7	6	2	-	9+	10	800
	Point of Ayre...	985·6	+26	W	7	c	49	85	8	6	-	-	9	9	1500
13A	Tiree	983·0	+50	NW'W	4	c	46	85	8	8	-	8	4-6	7-8	2500
13B	Stornoway ...	977·9	+32	WNW	5	c/r	43	95	8	5	7	2	4-6	7-8	1500
15	Dalwhinnie ...	979·8	+22	SW	4	c	43	75	8	4	6	-	4-6	7-8	2500
	Aberdeen ...	977·0	+22	SW	2	c	49	65	7	5	7	3	1	7-8	2500
	Wick ...	973·0	+18	WNW	5	c	45	85	8	8	4	9	4-6	7-8	1500
16	Lerwick ...	965·2	+50	NW	6	c/r	45	85	7	8	2	-	7-8	9+	800
17	Blacksod Point	987·1	+40	W	3	rr	47	95	7	6	-	-	10	10	800
18	Malin Head ...	984·1	+42	WNW	3	cjp	47	85	7	9	-	-	9+	9+	1500
	Aldergrove ...	984·9	+42	SW	4	pr	45	95	6	9	2	-	9+	10	800
19	Birr Castle ...	990·8	+24	WSW	4	c	50	75	8	9	-	-	9+	9+	2500
20	Valentia Obsy. †	996·3	+34	WSW	6	bc	50	75	8	8	-	-	4-6	4-6	1500
	Roches Point	995·4	+46	W	5	bc	51	65	8	3	-	-	2-3	2-3	1500

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Cloud. Form. Med. (24)	Cloud. Form. High (25)	Cloud. Amount. Low 0–10 (26)	Cloud. Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1002·1	+22	SW'W	4	bc	52	85	7	5	-	-	4-6	4-6	2500	1	*
	Croydon ...	1002·4	+14	SW	5	bc	52	85	7	9	6	-	4-6	4-6	2500	1	*
	S. Farnborough	1002·7	+22	SW	5	b	50	85	7	5	-	-	1	1	1500	1	*
	Boscombe Down	1003·2	+28	SW'W	5	bc	49	85	7	8	-	-	2-3	2-3	2500	1	*
	Calshot (Sthmtn.)	1004·0	+20	SW	5	bc	50	95	8	8	-	-	4-6	4-6	1500	1	3
	Lympne ...	1004·1	+18	SW'W	6	c	51	85	7	5	-	-	9+	9+	1500	1	§ 5
	Manston ...	1002·1	+18	SW	6	bq	51	85	8	5	-	-	1	1	1500	1	*
2	Shoeburyness ...	1001·0	+20	SW'W	4	bc	52	75	7	4	-	-	2-3	2-3	2500	1	*
	Felixstowe ...	1000·5	+20	SSW	5	c	51	75	7	5	-	-	10	10	1500	1	3
	Gorleston ...	998·3	+20	SW'W	5	b	51	65	7	-	-	-	0	0	-	1	4
	Mildenhall ...	998·3	+16	SSW	5	b	50	75	8	-	-	-	0	0	-	1	*
	Cranwell ...	996·4	+38	SW'W	5	bc	48	75	7	8	-	-	2-3	2-3	1500	1	*
3	Birmingham ...	996·6	+24	WSW	5	b	47	75	-	-	-	-	0	0	-	1	*
	Upper Heyford	1000·2	+20	SW	5	bq	47	85	8	4	-	-	1	1	2500	1	*
4	Ross-on-Wye	1000·4	+20	W'S	4	bc/pr	50	65	8	8	-	-	4-6	4-6	2500	1	*
5	Portland Bill ...	1004·3	+20	W	5	c	51	95	7	4	-	-	7-8	7-8	2500	2	5
	Plymouth ...	1005·1	+26	SW'W	6	c/pr	51	95	7	9	-	-	9+	9+	1500	1	4
	The Lizard ...	1006·4	+20	WSW	6	c/pr	50	95	7	8	2	-	7-8	10	1500	1	4
	Scilly (St. Mary's)	1005·6	+24	W	6	bc	51	95	7	3	6	-	2-3	4-6	1500	1	4
	Guernsey ...	1009·0	+22	WSW	6	c	53	95	6	8	1	-	7-8	10	2500	1	4
6	Pembroke ...	999·3	+28	W	7	bcq	50	85	7	8	-	-	4-6	4-6	2500	1	4
7	Holyhead ...	993·7	+22	WSW	6	c	50	65	7	5	8	5	4-6	7-8	2500	1	3
	Chester (Sealand)	995·0	+28	SW'W	6	bc	51	65	7	5	-	1	4-6	4-6	1500	1	*
8	Manchester ...	994·1	+22	WSW	6	c	49	75	7	5	3	-	2-3	9	4000	1	*
10	Spurn Head ...	992·0	+10	WSW	6	cq	48	75	7	5	7	-	4-6	7-8	2500	0	5
	Catterick ...	990·4	+26	WSW	5	r₀q	47	85	7	9	-	-	9+	9+	1500	1	*
	Tynemouth ...	986·9	+30	W	4	bc	48	75	7	2	-	-	4-6	4-6	2500	1	2
11	Inchkeith ...	986·1	+20	SW	5	c	45	85	7	5	4	-	7-8	9	1500	0	3
	Leuchars ...	985·1	+32	SW	4	bc	43	75	8	5	5	4	2-3	2-3	2500	1	*
12	Renfrew (Abbots I.)	988·6	+42	SW'S	2	bc	43	85	7	4	4	-	2-3	4-6	1500	1	*
	Eskdalemuir ...	988·9	+38	WSW	3	c	44	85	8	5	-	-	9	9	800	1	*
	Point of Ayre...	990·5	+26	W'N	5	rr	47	95	7	6	-	-	10	10	1500	1	4
13A	Tiree	989·4	+40	NW'N	4	c/r	43	85	7	8	7	8	4-6	9	2500	1	3
13B	Stornoway ...	985·7	+10	WNW	4	c	40	65	8	8	7	-	4-6	7-8	1500	1	2
15	Dalwhinnie ...	986·8	+44	W	3	bc	36	85	7	4	4	-	2-3	4-6	2500	0	*
	Aberdeen ...	984·7	+52	W	3	c	44	65	8	5	7	-	4-6	7-8	1500	1	2
	Wick ...	980·0	+54	WNW	5	pr	40	85	8	8	6	-	4-6	7-8	1500	1	3
16	Lerwick ...	973·3	+46	WNW	5	bc	45	85	7	8	-	-	4-6	4-6	1500	1	*
17	Blacksod Point	990·0	+8	W	3	PR	45	95	7	6	-	-	10	10	800	1	3
18	Malin Head ...	989·7	+28	N'W	2	cjp	45	65	7	8	-	-	9+	9+	800	2	2
	Aldergrove ...	990·6	+28	SW	3	pr	44	95	8	9	7	-	9	9+	1500	1	*
19	Birr Castle ...	995·0	+32	WSW	3	bc	46	75	8	5	-	-	2-3	2-3	2500	1	*
20	Valentia Obsy. †	1001·7	+38	W	7	pr₀	47	75	8	6	-	-	9	9	1500	1	5
	Roches Point	1000·3	+30	W	4	bc	48	75	8	5	-	-	2-3	2-3	1500	1	5

PAST 24 HOURS.

District	Stations.	Weather 7h.—13h. 10th. (37)	Weather 13h.—18h. 10th. (38)	Weather 18h. 10th.15 to 1h. 11th. (39)	Weather 1h.—7h. 11th. (40)
1	London (Kew)	c3o	c3o bc	bc	bc
	Croydon ...	cpr PR	cb ccm	bcbbc	bbc
	S. Farnborough	cprpr₀ba	bcc b	bcpr₀b	bpr₀bc
	Boscombe Down	cpr₀c	cpr bc	bc	bcb
	Calshot (Sthmtn.)	cm₀pr₀	cm₀PRbc	ccc	cbcb
	Lympne ...	cprm₀	cm₀ld₀c	c-b	bbc
	Manston ...	cqir	cbq	bq bbc	bbq
2	Shoeburyness ...	bcqpr	bbcb	bbc	bc
	Felixstowe ...	b, cbbc	bcc	cbcb	bbc
	Gorleston ...	cpr₀q	cbcq	bq	cq
	Mildenhall ...	cr₀cbc	bcb	bbc	b
	Cranwell ...	b, c	b, bc	bcb	bc
3	Birmingham ...	rbc	cbc	bc	bc
	Upper Heyford	r₀Rr₀prbc	cp₀bq	cbcq	bqbcbc
4	Ross-on-Wye	p₀qRqbc	bcqcp₀	bqbcp₀b	bbcbq
5	Portland Bill ...	prc	cc	bcb	bbc
	Plymouth ...	cq. PR	c pr₀pr₀	bbc	cpr₀b
	The Lizard ...	prlc	cprc	pr₀bc	bcc
	Scilly (St. Mary's)	cpq bc	cp₀bc	cbccb	bbcc
	Guernsey ...	carcq	cbcc	bccPR	bcbc
6	Pembroke ...	cq prqbc	cq bc	bbccq	cq bc
7	Holyhead ...	b, cbc	bcc	c	cp₀bc
	Chester (Sealand)	bcq	bcq	cPRq	bcq
8	Manchester ...	cpr₀	bcc3o	bccpr	cprq
10	Spurn Head ...	cq	cq	cbcq	pr₀qbc
	Catterick ...	cpr₀	cprm₀r	r₀cpr	crqpc₀bc
	Tynemouth ...	bccpq	cpq bc	bccp₀	bcpc
11	Inchkeith ...	crrcbc	bcc	cir₀c	cbcb
	Leuchars ...	cbc	bcb	b	b
12	Renfrew (Abbots I.)	cRr₀rr	cbc	bc	cqprp₀
	Eskdalemuir ...	rr R	r₀r₀c	cors	rspsb
	Point of Ayre...	c	corr	cc	prcbc
13A	Tiree	bc	cir₀	cPHR	cphq
13B	Stornoway ...	cr₀r₀	cpr₀	cp₀r₀	cpsphr
15	Dalwhinnie ...	irc	c		isc
	Aberdeen ...	cbc	bcc	c	cpr₀b
	Wick ...	orrcq	cpr₀q	cpr₀q	csspsp
16	Lerwick ...	cir	cirbc	cprbc	bccph
17	Blacksod Point	rr	PRc	PRcq	
18	Malin Head ...	cpr₀	cpr	crrir	cr
	Aldergrove ...	cr₀PRh	cpr₀	crrcbcb	bbc
19	Birr Castle ...	c	cbc	bcpr	bcx
20	Valentia Obsy. †	pr₀bc	bccpr₀	bcpr	pr₀bcc
	Roches Point	bc	bcp₀bc	bc	bc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

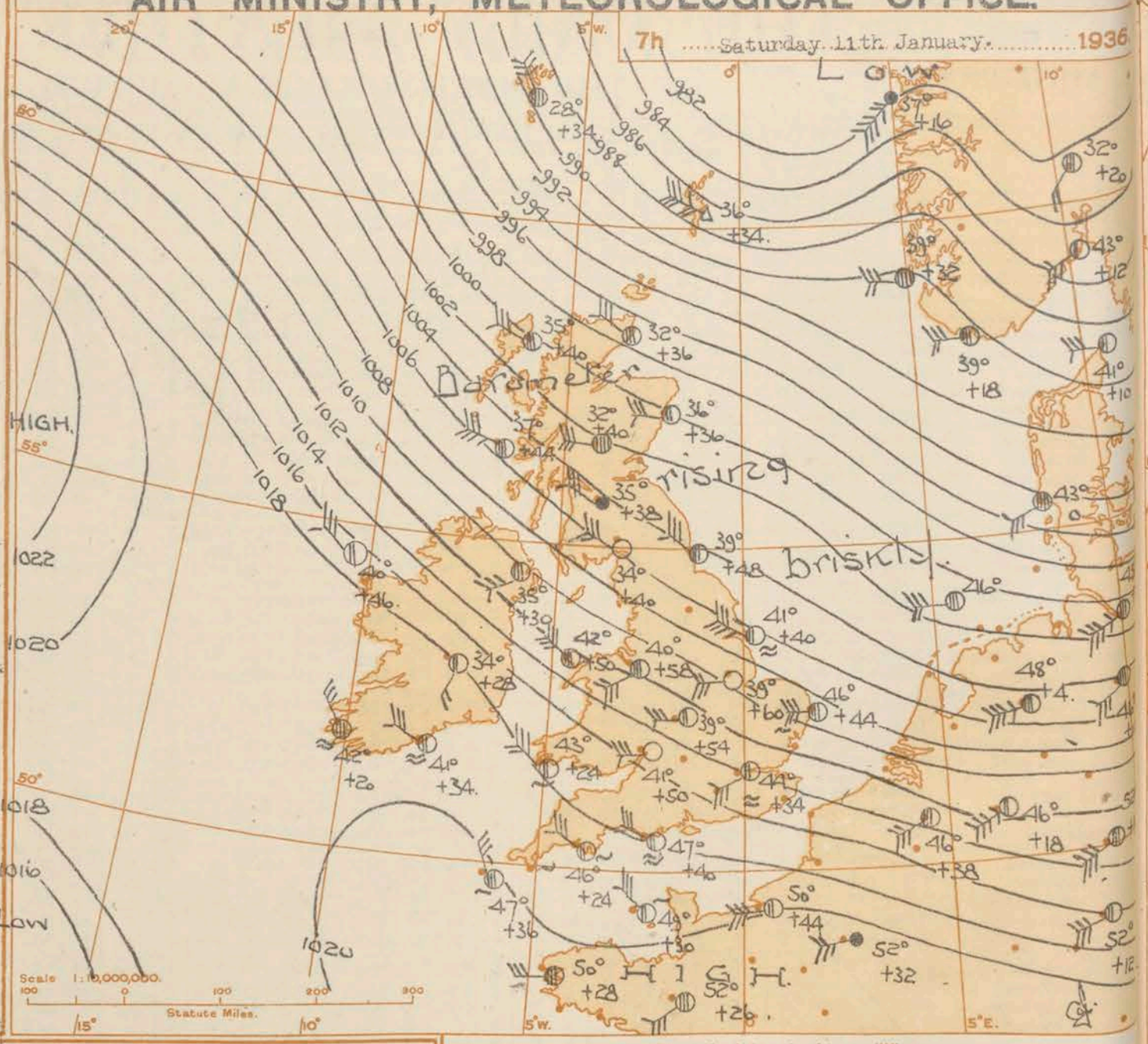
§ Sea disturbance reported from Dunganess.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 10th January 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.	opcp	cpcop	49	53	6	1	0·0
	Bournemouth	dcc	odo	49	54	1	0·3	0·6
	Ventnor ...	rour	oubc	43	52	1	0·5	0·1
	Southsea ...	cbc	cc	50	54	Trace	–	1·0
	Bognor Regis	oir	bcc	49	52	6	0·3	0·3
	Littlehampton	cpc	cpcbc	49	52	5	1	0·2
	Worthing ...	cr₀c	c	48	52	4	Trace	0·4
	Brighton ...			49	51	3	0·6	0·7
	Eastbourne†	cir₀o	otlrcb	51	54	5	3	0·3
	Hastings† ...	ccopp	cco	50	52	5	0·5	0·3
	Folkestone ...	crco	ocr₀o	48	52	6	0·3	0·4
	Dover... ...	cpbcc	cbcc	50	53	5	0·2	1·3
	Deal	o	oco	49	54	7	–	0·7
	Ramsgate ...	bc	bco	49	55	6	–	1·0
	Margate ...	bcc	bcc	50	56	5	–	0·9
2	Southend ...	bccrq	bcb	46	53	2	1	0·0
	Maldon ...	Rcb	bbcc	49	55	14	–	3·7
	Clacton-on-Sea	bc	bc	44	53	8	–	2·8
	Dovercourt ...	rbc	bc	46	55	10	–	2·9
	Lowestoft ...	lrcbc	b	49 4	55	3	–	2·9
	Skegness ...	bc	bc	42	53	3	–	4·7
	Mablethorpe	cpbc	bccbc	43	53	4	Trace	2·5
	Cleethorpes ...	bc	bc	43	54	4	–	3·8
3	Leamington S.	cpc	c	48	53	5	0·1	1·8
4	Cheltenham†	cir	clrbc	47	52	9	1	1·0
5	Bath	qcbcp	qcbcp	51	55	1	Trace	1·0
	Weymouth ...	c	cp₀c	50	54	3	0·1	0·5
	Jersey ...	pcbc	bcc	50	55	0·1	–	2·5
	Torquay ...	cd₀pq	orqcq	52	56	2	2	1·1
	Penzance ...	pqcpc	bcbcc	51	54	1	2	2·6
	St. Ives ...	c	c	50	54	Trace	–	2·5
	Bude	tlrc	bcc	48	52	4	–	1·9
	Ilfracombe ...	oq	oc	48	53	1	–	0·0
6	Aberystwyth	prc	c	47	50	4	–	0·4
7	Llandudno ...	qbc	cq	49	52	2	–	2·4
	Colwyn Bay...	bcbcb	bcbcc	48	52	3	–	3·8
	Rhyl	bc	bcc	49	54	4	–	0·0
8	Wallasey ...	b	bbcc	46	52	1	–	2·0
	Southport‖ ...	bcc	cc	48	52	4	–	2·9
	Blackpool ...	cq	c	43	49	5	–	0·8
	Morecambe ...	cbcbc	ccdc	47	49	8	Trace	0·6
9	Ilkley... ...	c	c	44	51	4	–	0·3
	Harrogate ...	cbcq	cbcq	41	50	3	–	0·2
10	Berwick-on-T.	cr₀	ocbbc	42	49	10	Trace	0·1
11	Dunbar ..	crr	bcr₀	41	47	11	1	1·4
12	Troon... ...	oqroc	cocbc	45	51	7	1	0·0
	Douglas ...	bcqcb	circq	47	50	3	3	0·0

† 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 5/10 clouded. ◐ Sky 5/10 to 8/10 clouded. ◐ Sky 8/10 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.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 11th January, 1936.

Districts.	Forecasts
1. S.E. England 2. E. England ... V 3. E. Midlands 4. W. Midlands	Moderate northwest wind, backing; mainly fair at first, rain later; average temperature.
5. S.W. England 6. South Wales	Light northwest wind, backing and freshening; cloud increasing; rain later; average temperature.
7. North Wales V 8. N.W. England V 9. N Midlands 10. N.E England V	Fresh or strong northwest wind, decreasing and backing; bright intervals, showers of rain hail or sleet at first; occasional rain or sleet tomorrow, perhaps snow locally; local morning fog; rather cold or cold, frost tonight.
11. S.E. Scotland V 12. S.W. Scotland & Isle of Man V 13. { A. W Scotld. B. N.W. Scotland V 14. Mid Scotland 15. N.E Scotland V	Fresh or strong northwest wind, moderating; bright intervals, showers of rain, hail, sleet or snow at first; occasional rain, sleet or snow tomorrow; local morning fog; cold, sharp frost tonight.
16 Orkney and Shetland V	Northwest gale, moderating; wintry showers; cold.
17 N.W. Ireland V 18. N.E. Ireland V	Light variable wind, becoming easterly; wintry showers at first; occasional rain later, with sleet or snow locally; rather cold.
19. S.E. Ireland 20. S.W. Ireland	Light variable wind, becoming southwest; fair at first rain later; average temperature.

GENERAL INFERENCE.

An intense depression off Central Norway is moving northeast and filling up and another depression near the Azores will move east-northeast. Weather will continue unsettled. It will be cold in the North with sleet or snow locally. In the South it will be fair at first but rain is likely later.

FURTHER OUTLOOK.

Cold in the North with sleet or snow locally. Average temperature in the South.

Times of issue of Gale Warnings.

V. South Cone hoisted at 1130 on 9th in dists. 7, 8, 10, 11, 12, 13, 15, 16, 17 and 18; also at 1400 on 9th in district 2 (part of).

Forecasts issued at 1030 G.M.T.

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

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

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

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 11th January.

No 27078

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

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	1008·6	+20	SW'W	5	bc	49	75	8	1	-	-	2-3	2-3	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1008·0	+18	WSW	5	b	47	85	7	5	-	-	Tr	Tr	1500
	Manston ...	142	1007·0	+24	SW'W	5	bc	49	85	8	5	-	-	7-8	7-8	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1002·5	+20	SW'W	4	b	47	85	8	-	-	-	0	0	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1010·4	+40	WNW	5	b	49	85	7	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1014·0	+36	W'S	5	bc	48	85	8	4	-	-	2-3	2-3	2500
	Scilly (St. Mary's)	163	1013·9	+34	WNW	5	b	48	85	7	-	-	-	0	0	-
	Guernsey ..	175	1014·1	+28	W'N	4	bc	50	95	7	7	7	-	2-3	4-6	2500
6	Pembroke ...	142	1008·2	+42	W'N	7	q	48	95	7	8	-	-	9	9	2500
7	Holyhead ...	26	1001·7	+50	W'N	8	c	45	75	7	5	-	-	9	9	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	997·2	+12	WSW	6	q	44	95	7	-	2	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	993·6	+22	WSW	3	bc/pr	46	75	7	2	-	-	4-6	4-6	2500
11	Inchkeith ...	190	995·0	+28	SW	4	c	40	95	7	5	2	-	4-6	9r	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	995·5	+12	WNW	5	c	45	85	7	5	-	-	9	9	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	993·0	+24	WNW	5	c/pr	35	95	7	8	2	-	7-8	9	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	989·5	+24	W	4	c	35	85	8	8	1	-	4-6	9	1500
16	Lerwick ...	156	981·3	+40	WNW	9	bc	42	85	8	5	-	-	2-3	2-3	2500
17	Blacksod Point	18	1003·4	+76	NW	5	Q	44	85	7	9	-	-	7-8	7-8	800
18	Malin Head ...	52	1000·8	+54	W'S	4	u	40	75	7	9	-	-	9r	9r	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1013·1	+30	WNW	5	bc	44	75	8	9	-	-	4-6	4-6	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1015·1	+42	WSW	4	bc	45	65	8	-	-	4	0	4-6	-	1	*
Croydon ...	1014·1	+34	W'S	4	bc	44	75	8	-	7	-	0	7-8	-	1	*
S. Farnborough	1015·9	+36	W'N	5	bc	43	75	7	-	5	1	0	2-3	-	1	*
Boscombe Down	1016·8	+38	W'N	4	bc	42	75	7	5	7	-	2-3	4-6	2500	1	*
Calshot (Sthmtn.)	1016·9	+32	W'S	3	b	43	85	8	5	3	-	Tr	1	4000	1	§2
Lympne ...	1014·3	+38	W'S	5	bc	43	75	7	-	-	6	0	4-6	-	1	§3
Manston ...	1013·0	+38	WSW	5	q	45	65	8	-	4	1	0	2-3	-	1	*
Shoeburyness ...	1013·1	+42	WSW	4	bc	45	75	7	-	7	2	0	4-6	-	1	*
Felixstowe ...	1011·6	+40	SW'W	6	bc	45	75	7	5	3	1	Tr	2-3	1500	1	2
Gorleston ...	1009·0	+44	W	6	c	46	65	7	5	-	-	9	9	2500	1	4
Mildenhall ...	1011·1	+42	SW'W	5	bc	43	75	8	6	3	-	4-6	4-6	800	1	*
Cranwell ...	1010·3	+60	W	5	b	39	85	7	5	-	-	1	1	2500	1	*
Birmingham ...	1014·1	+54	W	4	bc	39	65	8	8	-	1	4-6	4-6	1500	1	*
Upper Heyford	1014·6	+46	WNW	6	q	41	75	8	4	-	8	2-3	2-3	2500	1	*
Ross-on-Wye	1015·8	+50	W	3	b	41	75	8	2	-	-	1	1	4000	1	*
Portland Bill ...	1017·6	+40	WNW	4	bc	47	95	7	4	-	-	4-6	4-6	2500	2	4
Plymouth ...	1018·8	+24	W'N	3	bc	46	85	8	5	-	6	1	4-6	2500	1	2
The Lizard ...	1019·9	+34	W'N	4	c	47	85	7	5	1	-	4-6	7-8	2500	1	3
Scilly (St. Mary's)	1020·4	+36	NW'N	3	c	47	85	7	2	-	7	2-3	10	2500	1	2
Guernsey ..	1019·5	+30	NW	3	bc	49	85	7	-	1	-	0	2-3	-	1	4
Pembroke ...	1017·3	+24	NW	5	q	43	85	7	8	7	-	2-3	4-6	2500	1	3
Holyhead ...	1013·6	+50	WNW	6	c	42	75	8	8	-	5	4-6	7-8	2500	1	4
Chester (Sealand)	1013·3	+58	W'S	5	c/pr	40	75	6	5	1	-	4-6	7-8	2500	1	*
Manchester ...	1011·2	+64	WNW	5	c/pr	39	75	7	8	-	-	7-8	7-8	2500	1	*
Spurn Head ...	1006·6	+40	WNW	7	q	41	95	7	-	7	-	0	4-6	-	1	6
Catterick ...	1007·5	+50	NW'W	4	b	39	75	7	2	-	-	1	1	4000	1	*
Tynemouth ...	1003·9	+48	NW	3	c	39	75	7	9	-	-	7-8	7-8	1500	1	1
Inchkeith ...	1002·5	+34	SW	5	b	38	75	9	5	-	-	1	1	4000	0	3
Leuchars ...	1002·3	+42	W	4	b	35	85	9	7	-	-	1	1	2500	1	*
Renfrew (Abbots I.)	1005·3	+38	W'N	7	pr	35	85	7	8	-	-	9+	9+	2500	1	*
Eskdalemuir ...	1005·9	+40	WNW	5	b	34	75	8	8	-	-	1	1	1500	5	*
Point of Ayre...	1009·6	+50	NNW	8	bc	40	75	8	2	-	-	2-3	2-3	1500	1	4
Tiree	1006·0	+44	WNW	7	c/ph	37	95	7	8	-	-	7-8	7-8	1500	1	
Stornoway ...	1001·6	+40	WNW	4	c/ph	35	95	7	8	2	-	7-8	10	1500	6	2
Dalwhinnie ...		+40	W	5	c	32	85	8	5	-	-	10	10	2500	6	*
Aberdeen ...	1000·2	+36	W	4	b	36	75	8	4	-	-	2-3	2-3	2500	1	2
Wick ...	997·2	+36	WNW	3	c/ps	32	95	8	8	7	-	4-6	7-8	1500	7	2
Lerwick ...	986·4	+34	WNW	9	pr(r)	36	75	7	9	-	-	7-8	7-8	800	1	*
Blacksod Point	1016·6	+46	NW	4	bc	40	65	8	3	-	-	4-6	4-6	1500	1	3
Malin Head ...	1011·2	+36	NW'W	6	u	41	55	7	9	-	-	9r	9r	1500	2	4
Aldergrove ...	1011·9	+30	WSW	4	c	35	75	8	8	-	4	7-8	7-8	2500	1	*
Birr Castle ...	1018·0	+28	SSW	1	bc	34	95	8	5	-	-	4-6	4-6	2500	1	*
Valentia Obsy. †	1019·9	+20	NW	3	c	42	75	8	5	-	7	4-6	10	1500	1	4
Roches Point	1019·8	+34	W'N	3	bc	41	85	8	5	1	-	2-3	4-6	1500	1	4

PAST 24 HOURS.

Stations	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Night 18h–7h mm. (35)	Sunshine (0h) Hrs. (36)
London (Kew)	55	44	39	-	-	1·8
Croydon ...	55	44	41	3	-	1·1
S. Farnborough	54	43	39	1	Tr	3·1
Boscombe Down	54	41	39	Tr	-	3·1
Calshot (Sthmtn.)	54	43	39	3	-	1·0
Lympne ...	52	43	39	0·2	-	0·6
Manston ...	55	45	40	Tr	-	1·5
Shoeburyness ...	54	44	39	1	-	3·7
Felixstowe ...	53	44	41	-	-	2·5
Gorleston ...	56	45	43	0·3	-	2·9
Mildenhall ...	55	42	39	0·6	-	3·8
Cranwell ...	52	39	37	-	-	4·2
Birmingham ...	51	39	36	1	-	1·5
Upper Heyford	51	41	37	5	-	*
Ross-on-Wye	52	40	35	5	0·1	1·7
Portland Bill ...	53	46	*	1	0·6	*
Plymouth ...	53	46	41	2	0·1	0·2
The Lizard ...	53	46	*	4	0·1	*
Scilly (St. Mary's)	53	46	*	1	-	2·4
Guernsey ..	55	48	42	1	6	2·2
Pembroke ...	51	43	*	0·5	Tr	1·5
Holyhead ...	52	41	39	-	0·3	1·4
Chester (Sealand)	54	35	36	-	3	5·6
Manchester ...	53	38	34	Tr	31	1·2
Spurn Head ...	52	41	*	-	0·3	2·5
Catterick ...	50	38	30	3	2	0·2
Tynemouth ...	50	36	34	1	2	1·9
Inchkeith ...	47	36	34	2	0·1	2·5
Leuchars ...	49	34	30	-	-	2·7
Renfrew (Abbots I.)	48	35	31	6	1	1·1
Eskdalemuir ...	46	34	31	8	5	0·0
Point of Ayre...	50	40	*	1	2	0·5
Tiree	47	35	33	Tr	3	1·6
Stornoway ...	44	32	*	0·2	1	0·9
Dalwhinnie ...	43	31	26	Tr	0·6	0·7
Aberdeen ...	49	36	32	-	Tr	1·8
Wick ...	46	32	*	1	2	*
Lerwick ...	46	30	*	3	1	
Blacksod Point	49	37	*	6	3	*
Malin Head ...	48	33	*	4	7	0·0
Aldergrove ...	47	35	31	10	3	0·0
Birr Castle ...	51	33	27	7	0·3	2·7
Valentia Obsy. †	51	41	36	0·1	0·2	3·2
Roches Point	51	41	*	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 24 hrs. ended 9h. Morning.	Afternoon.	Night.	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Night. mm.	Sunshine to Sunset hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	9h. G.M.T. % To-day.	Visibility 9h. To-day.
Kew ...	18	cz	cz,bc	bc	55	44	39	-	-	1·8	•	•	7
Croydon ...	217	cprPR	cbcm	bcbbc	55	44	41	3	-	1·1	•	•	7
Greenwich (Royal Observatory) ...	149	cpb	bc	cbcbm	55	43	33	0·3	-	2·6	75	70	5
City (Bunhill Row) ...	—	•	•	•	•	•	•	•	•	2·2	•	•	•
Westminster (St. James' Park) ...	37	•	•	•	56	43	35	T		2·1	69	74	•
Regents Pk. (Botanic Gardens)‡ ...	168	•	•	•	56	43	39	Tr	-	1·1	74	74	•
Camden Square ...	110	ccpc	cbcc	•	55	43	36	Tr	-	•	•	73	•
Kensington ...	80	bc	bc	•	56	43	37	-	-	1·6	At 18h. 79	71	•
Hampstead Observatory ...	450	cbc	bc	bc	53	40	28	-	-	1·1	•	89	•

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 10th January. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 11th January. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris ...	1011·0	SSW	6	bc	57	1021·0	W	5	pr	52	61	52	-	0·2
Brussels ...						1013·8	W'S	5	c	46		46		2
Berlin ...	1002·6	SW'S	4	c/pr	50	1003·7	W'S	4	c	48	52	46	8	2
Zurich ...	1021·0	WSW	6	r	52						52		6	
Rome ...	1026·7	-	0	0	55	1025·0	SW	4	0	55	*	*	-	-

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
Defective.			

Kew Observatory.

Max.	Time.	Min.	Time.
0·2	15h 10th.	<0·1	22h.10th. to 7h.11th

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 12th January, 1936.
No. 27079.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1021·8	+2·0	W	3	c	43	65	7	–	7	7	0	9+	–
	Croydon ...	1021·6	+2·6	W'N	4	c z.	43	65	6	1	7	8	tr	9+	4000
	S. Farnborough	1022·5	+2·4	W'N	3	c	44	65	7	5	7	8	1	9+	4000
	Boscombe Down	1022·9	+1·4	W	3	c	41	75	7	1	7	–	tr	10	4000
	Calshot (Sthmtn.)	1022·7	+1·8	W	4	c	45	65	7	1	–	8	2-3	7-8	4000
	Lympne ...	1021·5	+2·2	SW	4	c	44	65	8	1	3	8	tr	9+	2500
	Manston ...	1020·8	+2·0	W	4	c z.	43	65	6	1	7	8	1	9	4000
2	Shoeburyness ...	1020·8	+3·4	W	2	c	44	65	7	1	7	7	tr	10	2500
	Felixstowe ...	1020·0	+2·4	W'S	5	c	43	55	8	5	1	8	tr	9	1500
	Gorleston ...	1017·9	+3·0	W	5	c	43	65	6	5	7	–	4-6	7-8	2500
	Mildenhall ...	1019·7	+2·6	WSW	4	c	43	65	6	5	3	6	1	9	2500
	Cranwell ...	1018·1	+2·6	W	5	c	40	65	8	8	–	2	4-6	7-8	2500
3	Birmingham ...	1019·9	+2·4	WNW	5	bc	40	55	6	–	1	2	0	4-6	–
	Upper Heyford	1021·7	+3·4	WNW	4	c	41	65	8	1	1	8	1	9	2500
4	Ross-on-Wye	1021·7	+1·0	W	3	c	42	65	8	7	1	4	2-3	10	2500
5	Portland Bill ...	1022·5	+2·0	NW	3	c	45	85	8	4	4	–	7-8	10	2500
	Plymouth ...	1023·9	+1·4	NW	2	c	46	65	8	5	7	–	2-3	10	5700
	The Lizard ...	1023·4	+·4	NEN	2	r.r.	45	85	7	5	–	–	10	10	1500
	Scilly (St. Mary's)	1022·9	+·4	E	2	r.r.	46	85	7	6	2	–	7-8	10	1500
	Guernsey ...	1023·4	+1·2	WNW	1	0	48	85	7	5	–	–	10	10	2500
6	Pembroke ...	1022·1	+1·4	NW	3	c	42	75	8	5	2	–	4-6	10	2500
7	Holyhead ...	1020·4	+2·0	WNW	5	c	43	65	8	8	1	–	2-3	10	4000
	Chester (Sealand)	1019·1	+1·2	W	5	c	42	65	7	5	–	–	9	9	1500
8	Manchester ...	1018·8	+2·6	WNW	5	c	42	65	8	8	4	6	2-3	7-8	2500
10	Spurn Head ...	1016·0	+2·0	WNW	6	c q	41	75	7	5	7	–	4-6	7-8	2500
	Catterick ...	1014·9	+1·8	WNW	4	bc	41	65	8	2	–	5	1	2-3	4000
	Tynemouth ...	1012·8	+3·2	W	4	bc	40	65	7	2	–	–	2-3	2-3	2500
11	Inchkeith ...	1010·9	+1·0	SW	5	bc	39	85	8	4	–	–	2-3	2-3	2500
	Leuchars ...	1010·6	+3·2	W	5	bc	39	65	9	7	–	5	2-3	2-3	2500
12	Renfrew (Abbotsl.)	1014·0	+3·4	NWW	3	b	40	65	8	4	–	5	1	1	2500
	Eskdalemuir ...	1014·7	+3·8	WNW	5	bc	36	65	8	1	–	5	tr	2-3	1500
	Point of Ayre...	1017·7	+2·2	NW'W	6	c	42	65	8	2	–	7	2-3	9	2500
13A	Tiree ...	1010·6	+3·2	WNW	5	PHR	39	85	6	3	–	–	9+	9+	~~800~~ 1500
13B	Stornoway ...	1008·8	+4·0	WNW	6	bc/pr	39	75	8	8	7	–	2-3	4-6	1500
15	Dalwhinnie ...	1011·9	+3·6	W	5	c	34	95	8	4	6	–	2-3	7-8	2500
	Aberdeen ...	1007·7	+3·0	WNW	5	b	37	65	8	3	–	–	tr	tr	2500
16	Wick ...	1004·7	+2·6	WNW	3	ps.	34	85	7	8	7	–	4-6	7-8	1500
	Lerwick ...	995·1	+4·0	WNW	9	ps.	32	95	6	9	2	–	7-8	10	800
17	Blacksod Point	1025·4	+2·2	S	3	c	41	75	8	5	–	–	9	9	1500
18	Malin Head ...	1017·9	+2·4	WNW	5	bc jp	43	65	8	8	–	–	4-6	4-6	2500
	Aldergrove ...	1018·5	+2·2	WSW	3	bc	39	75	8	5	4	6	2-3	4-6	4000
19	Birr Castle ...	1022·4	+1·4	SW	1	c	38	85	8	5	–	–	10	10	2500
20	Valentia Obsy. †	1023·1	+1·0	–	0	c	40	85	8	7	2	–	1	10	4000
	Roches Point	1023·5	+2·0	N	2	c	40	85	8	5	–	–	10	10	1500

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

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)	1023·8	+1·0	WSW	2	c	41	75	6	–	7	7	0	10	–	1	*
	Croydon ...	1023·3	+·6	W	2	c z.	40	75	5	–	7	8	0	10	–	1	*
	S. Farnborough	1024·0	+·6	–	0	c	38	75	7	5	2	–	2-3	10	4000	1	*
	Boscombe Down	1023·9	+·6	NW	1	c	39	75	7	–	2	–	0	10	–	1	*
	Calshot (Sthmtn.)	1024·0	+·8	W	1	c	41	85	8	0	3	–	0	10	–	1	1
	Lympne ...	1023·6	+·4	WNW	2	c	39	65	6	–	2	–	0	10	–	1	§ 0
	Manston ...	1023·3	+·6	W	3	c z.	39	75	6	–	2	–	0	10	–	1	*
2	Shoeburyness ...	1022·9	+1·6	SW	1	c	40	65	6	5	–	–	10	10	2500	1	*
	Felixstowe ...	1022·9	+·6	SW	2	c	40	65	7	5	7	8	4-6	9+	1500	1	1
	Gorleston ...	1021·1	+1·4	WSW	2	c	39	75	6	5	–	–	9	9	2500	1	2
	Mildenhall ...	1022·1	+1·0	SSW	3	c	38	75	7	–	1	7	0	9+	–	1	*
	Cranwell ...	1021·3	+2·0	WSW	3	c	38	75	6	5	–	7	2-3	10	2500	1	*
3	Birmingham ...	1022·0	+1·4	W	2	o m	38	65	4	5	–	–	10	10	800	1	*
	Upper Heyford	1023·4	+1·8	SSW	2	c	36	85	7	5	2	–	2-3	10	2500	1	*
4	Ross-on-Wye	1022·6	+·4	SW	1	o	39	75	7	5	–	–	10	10	2500	1	*
5	Portland Bill ...	1023·2	+·2	NNE	3	pr.	42	95	8	5	–	–	10	10	1500	1	3
	Plymouth ...	1023·0	0	NE	2	ir.	43	75	7	5	2	–	2-3	10	2500	1	2
	The Lizard ...	1021·6	–·4	E	3	rr	42	95	7	5	–	–	10	10	1500	1	3
	Scilly (St. Mary's)	1020·8	–·4	E	4	rr	42	95	6	6	2	–	9+	10	1500	1	2
	Guernsey ...	1022·7	–1·0	ENE	1	rr	46	95	6	5	–	–	10	10	2500	2	2
6	Pembroke ...	1021·5	–·2	ENE	1	c	40	85	8	5	2	–	4-6	10	2500	1	2
7	Holyhead ...	1021·7	+1·0	WNW	3	c	42	75	7	–	7	–	0	10	–	1	2
	Chester (Sealand)	1022·2	+1·0	W'S	2	c z.	40	65	6	5	1	–	2-3	10	1500	1	*
8	Manchester ...	1021·4	+1·2	WNW	3	c z.	36	85	6	5	7	–	7-8	10	5700	1	*
10	Spurn Head ...	1019·0	+1·0	W'N	5	c	40	85	6	5	2	–	4-6	9+	1500	0	4
	Catterick ...	1019·2	+2·0	WSW	1	b	36	65	8	–	–	–	0	0	–	0	*
	Tynemouth ...	1016·7	+3·0	W	4	bc	39	65	7	4	–	–	2-3	2-3	4000	1	2
11	Inchkeith ...	1014·8	+1·8	WSW	5	bc	38	85	8	5	–	–	2-3	2-3	4000	0	4
	Leuchars ...	1014·2	+2·0	W	3	b	36	75	8	5	–	3	tr	1	4000	1	*
12	Renfrew (Abbotsl.)	1018·2	+2·4	NW	2	prs	36	95	7	8	–	–	7-8	7-8	2500	1	*
	Eskdalemuir ...	1017·9	+2·0	WNW	5	bc	35	85	8	1	–	–	2-3	2-3	1500	1	*
	Point of Ayre...	1020·6	+1·8	NW'W	5	bc	41	75	8	–	4	–	0	4-6	–	1	3
13A	Tiree ...	1017·1	+2·0	W'N	6	bc/pr	43	65	7	3	–	–	4-6	4-6	1500	1	4
13B	Stornoway ...	1012·6	+2·0	NW	5	bc/phr	38	75	8	8	7	–	2-3	4-6	1500	6	3
15	Dalwhinnie ...	1015·1	+2·0	SW	3	ig	33	85	7	4	6	–	2-3	4-6	2500	7	*
	Aberdeen ...	1012·7	+3·8	W	4	b	37	65	7	5	–	–	1	1	2500	1	2
16	Wick ...	1009·1	+2·4	WNW	4	ps.	35	75	8	8	7	–	4-6	7-8	1500	7	2
	Lerwick ...	1002·8	+4·0	WNW	7	bc/ps	31	85	7	9	–	–	4-6	4-6	800	6	*
17	Blacksod Point	1022·2	+1·6	W	3	c	40	75	8	5	–	–	10	10	800	1	3
18	Malin Head ...	1019·4	+1·0	NW'W	4	c	41	65	8	8	–	–	9	9	2500	1	4
	Aldergrove ...	1020·7	+1·0	SW	2	c	35	85	8	–	7	–	0	7-8	–	1	*
19	Birr Castle ...	1023·4	+·4	S	1	c	35	95	7	5	–	–	10	10	2500	1	*
20	Valentia Obsy. †	1022·2	+·2	E	2	c	40	75	8	5	3	–	4-6	10	7200	1	3
	Roches Point	1022·8	0	E'N	2	o	39	75	8	5	–	–	10	10	1500	1	3

PAST 24 HOURS.

Stations.	Weather. 7h.–12h. 11th. (37)	Weather. 12h.–18h. 11th. (38)	Weather. 18h. 11th. to 1h. 12th. (39)	Weather. 1h.–7h. 12th. (40)
London (Kew)	c	cz.	cz.	cm.
Croydon ...	cz. ⊕	cz.	cz. m.	cm. c
S. Farnborough	b-cc	c	coir.	o
Boscombe Down	bcc	c	cy. r.	s. s. o
Calshot (Sthmtn.)	bcc bc	bcc	cr. cr	crr
Lympne ...	bcc	cyem.	em.	cm. o
Manston ...	bcq cz.	bcc z.	cm.	ccm.
Shoeburyness ...	bcc ⊕	cm.	cm.	cm.
Felixstowe ...	bcc vcy	cyc	c	cm.
Gorleston ...	cbcq	cq z.	cz. z.	cz. z.
Mildenhall ...	bcpr.	cm. c	cm.	cm.
Cranwell ...	b-c	c	c	ccm.
Birmingham ...	bc	bcc	cbc	bcc
Upper Heyford	bcqc	c	c	c
Ross-on-Wye	bcc	cco	c	c
Portland Bill ...	bcc	cpr	rr	orr
Plymouth ...	bcz. c	cir.	crr	crr
The Lizard ...	cor.	orr	orrm	ormq
Scilly (St. Mary's)	cr. r.	r. rrd	dr. r.	rrird
Guernsey ...	bcco	orr	orr	orr
Pembroke ...	bcqc	c	c	c
Holyhead ...	c	c	c ⊕	c ⊕
Chester (Sealand)	bc	c	cbcm.	bcex ⊕
Manchester ...	bcc prQ	ccz. m.	cmm.	cm. x
Spurn Head ...	ccq	qc	c	c
Catterick ...	bbc	bcyb	bbcc	bc
Tynemouth ...	cbcq	bcq	bc	bc
Inchkeith ...	bbcq	bc	bc	bc
Leuchars ...	bbc	bcb	bx	bx
Renfrew (Abbotsl.)	pr. ps. qbc	b prsq	pr. sqbx	bbcx
Eskdalemuir ...	cps. b	bcb	bbcx	bcis.
Point of Ayre...	bcc	cbc	bcc	cbc
Tiree ...	cPHR	PRsbc	bcphr	bc
Stornoway ...	phcbc isc	bcphr	cphr. q	cbcc
Dalwhinnie ...		isc		c
Aberdeen ...	cps. b	bcbyb	b	bxbcx
Wick ...	cpsq	cpsq	cpsq	cpsq
Lerwick ...	cph psq	cphQ	cbc. ph	cphsqbx
Blacksod Point	cc	cc	pr. c	bc
Malin Head ...	cbc	bccpr	bc	bccr
Aldergrove ...	bccphrrs	bccbc	bcbx	xbccc
Birr Castle ...	bcc	c	c	cx
Valentia Obsy. †	c	c	c	c
Roches Point	bcc	co	cpr. c	c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

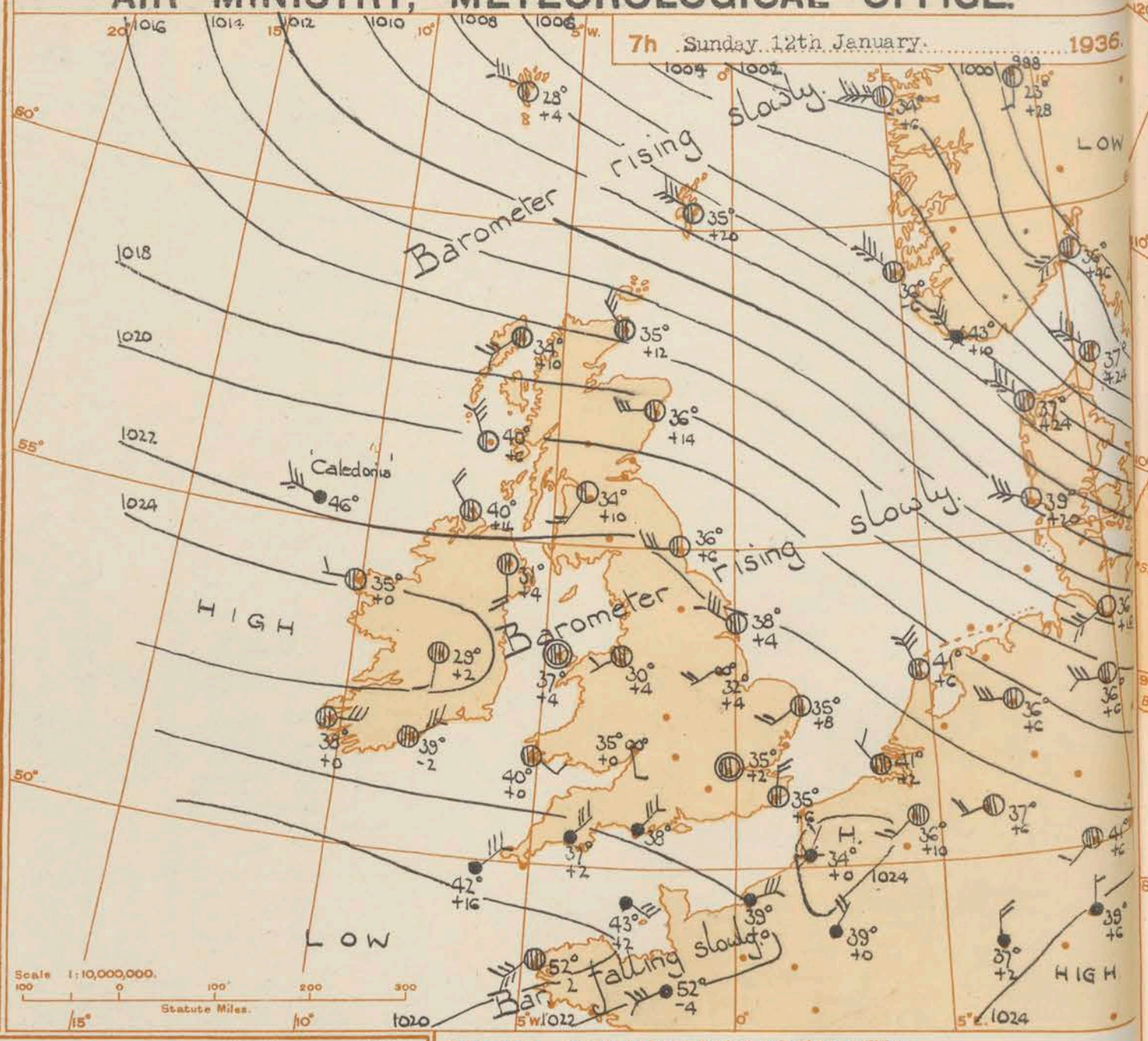
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 11th January, 1936

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	bbc	o	42	43	Trace	—	1·9
	Bournemouth	oco	oco	42	45	—	—	0·2
	Ventnor ...	rbcc	co	41	*	1	—	1·4
	Southsea ...	bco	oo	43	46	—	—	0·1
	Bognor Regis	bcbcc	cc	43	45	—	—	1·0
	Littlehampton	bcc	c	42	46	—	—	0·3
	Worthing ...	bc	bcc	42	46	—	—	0·9
	Brighton ...	bcb	bcb	43	45	—	—	0·6
	Eastbourne†	bcc	co	42	51	0·1	—	2·2
	Hastings† ...	bbcc	cco	42	52	Trace	—	1·8
	Folkestone ...	bcc	oco	43	46	Trace	—	1·8
	Dover	bcc	cbc	44	46	—	—	2·6
	Deal	bc	bcc	44	46	—	—	1·7
	Ramsgate ...	bcc	c	44	45	—	—	0·2
	Margate ...	bc	c	44	45	—	—	0·0
2	Southend ...	bcc	cm	42	44	—	—	1·0
	Maldon	cb	bcco	43	44	—	—	2·6
	Clacton-on-Sea	bc	bcc	41	44	—	—	2·8
	Dovercourt ...	bc	bc	42	44	—	—	3·7
	Lowestoft ...	b	b	41	43	—	—	4·4
	Skegness ...	bc	bc	38	42	Trace	—	3·5
	Mablethorpe	bc	bcc	38	42	0·3	—	3·4
	Cleethorpes ...	bcm	bcc	38	42	0·5	—	2·7
3	Leamington S.	bc	co	39	43	—	—	3·2
4	Cheltenham†	bcqc	c	50	39	—	—	2·1
5	Bath	cc	cc	41	43	—	—	0·0
	Weymouth ...	c	c	44	46	—	—	0·0
	Jersey ...	pc	crd	48	50	1	1	0·1
	Torquay ...	wbcc	ozop	42	46	Trace	—	0·0
	Penzance ...	c	d	45	47	—	1	0·0
	St. Ives ...	c	r	46	48	—	0·3	0·0
	Bude	bcc	c	45	47	—	—	0·0
	Ilfracombe ...	opc	oc	45	49	0·5	—	0·0
6	Aberystwyth	c	c	42	46	—	—	0·0
7	Llandudno ...	c	co	40	43	1	—	0·1
	Colwyn Bay...	bcbcc	o	38	42	0·5	—	0·4
	Rhyl	cbc	bcc	39	42	3	—	0·5
8	Wallasey ...	cbcc	bcc	38	42	1	—	1·0
	Southport‖ ...	bc	bco	40	48	1	—	1·7
	Blackpool ...	c	c	40	43	1	—	2·3
	Morecambe ...	cbcbc	cidcc	39	43	4	Trace	1·3
9	Ilkley... ...	bc	c	35	42	4	—	3·6
	Harrogate ...	b	b	36	40	1	—	4·3
10	Berwick-on-T.	b	b	36	40	2	—	5·7
11	Dunbar ...	bc	bc	35	39	1	—	5·6
12	Troon... ...	crscb	cbcbc	38	44	2	0·6	1·9
	Douglas ...	bcqcb	cbcq	36	41	3	—	0·7

† 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 4/10 clouded. Sky 1/10 to 9/10 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. 12th January, 1936.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Light variable wind, fair; sharp frost tonight, widespread fog in morning.
5. S.W. England	Moderate easterly wind, decreasing; rain at first, then cloudy; average temperature; fog locally in morning.
6. South Wales 7. North Wales 8. N.W. England 9. N Midlands 10. N.E England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	As 1 - 4.
13. A. W Scotld. B. N.W. Scotland	Moderate or fresh west to northwest wind, becoming light; showers of hail or snow to-day; sharp frost to-night.
14. Mid-Scotland 15. N.E Scotland	Moderate west to northwest wind, decreasing; fair; sharp frost to-night; local fog in morning.
16. Orkney and Shetland	Fresh west to northwest wind, moderating; showers of hail or snow; rather cold.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 1 - 4.

GENERAL INFERENCE.

A depression north of Scotland is moving northeast and another west of Spain is almost stationary. A ridge of high pressure extends from Southern Germany across England to the Atlantic. There will be showers in Western Scotland and rain at first in Southwest England. Otherwise weather will be mainly fair but with frost to-night and much fog in the morning.

FURTHER OUTLOOK.

Fair, sharp frost at night; widespread fog in morning.

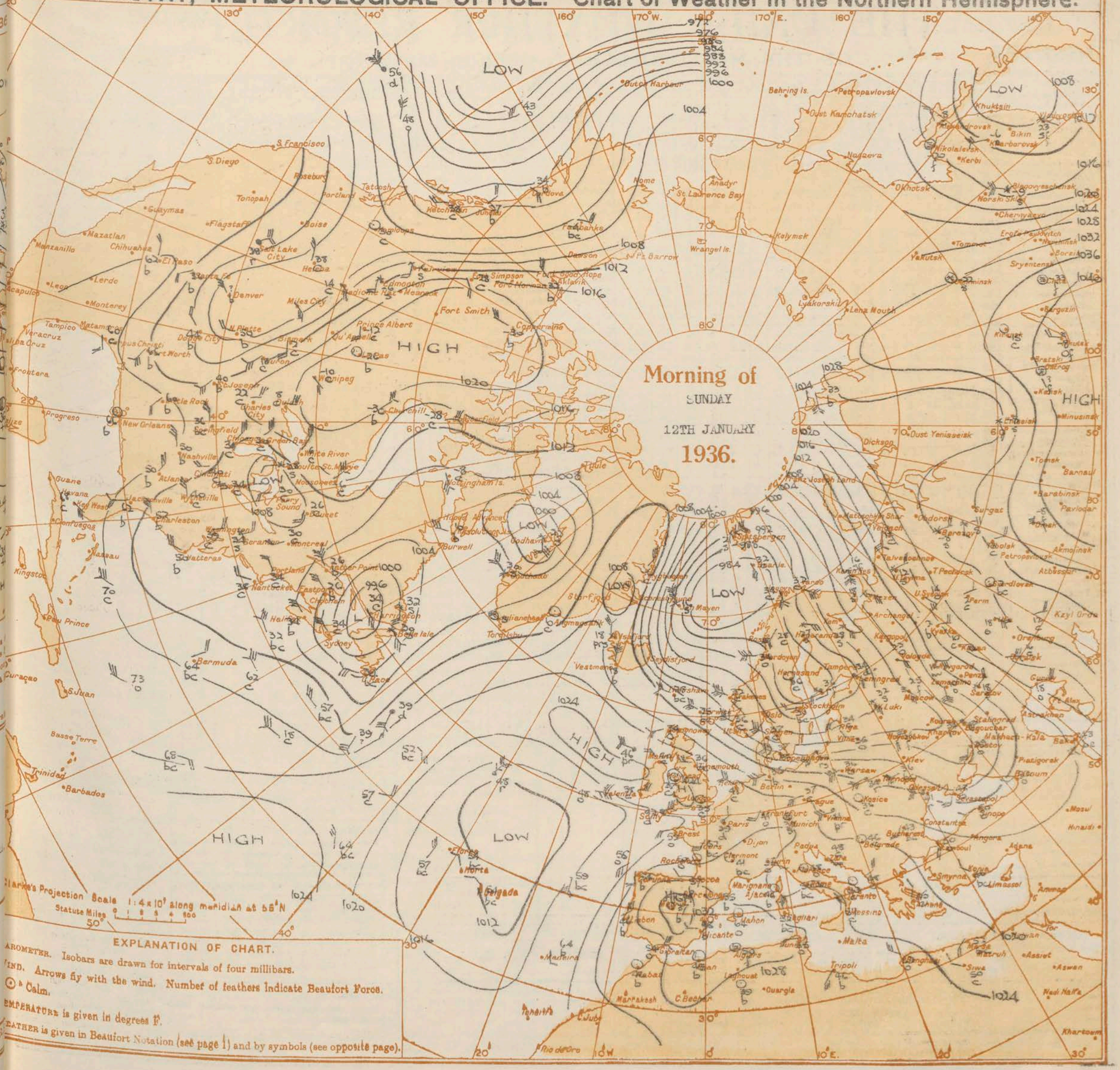
Forecasts issued at 1000 G.M.T.

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

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

B.C.V.O

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 12th January, 1936.
No. 27079.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1023·7	+2	W	2	cz₀	38	85	6	–	1	–	0	10	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1023·6	-2	W'S	2	c	37	75	6	5	1	–	2·3	10	4000
	Manston ...	142	1023·6	-4	–	0	cz₀	38	85	6	5	1	–	2·3	10	4000
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1022·4	+2	WSW	2	c	37	95	6	–	7	–	0	9	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1022·6	-8	ENE	4	rr	37	95	7	5	–	–	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1019·3	-6	E	6	rr	40	95	6	5	–	–	10	10	1500
	Scilly (St. Mary's)	163	1019·8	-4	E	5	r.r₀	40	95	6	6	–	–	10	10	1500
	Guernsey ..	175	1022·0	-10	E	4	rr	41	95	5	5	–	–	10	10	1500
6	Pembroke ...	142	1022·2	+4	SSE	2	c	40	95	8	5	2	–	2·3	10	2500
7	Holyhead ...	26	1022·9	+4	NW'N	1	c	42	75	8	1	7	8	4·6	10	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1021·0	+4	WNW	5	c	38	95	6	5	2	–	4·6	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1020·0	+16	W	3	bc	37	75	8	4	–	–	4·6	4·6	1500
11	Inchkeith ...	190	1018·6	+18	SW	3	bc	38	95	7	5	4	–	2·3	4·6	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1022·3	+10	NW	4	bc	42	65	8	–	–	5	0	4·6	–
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1016·4	+16	NW	4	phr	36	95	6	8	2	–	7·8	9+	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1013·4	+10	WNW	3	c/ps	33	95	7	8	7	–	4·6	7·8	1500
16	Lerwick ...	156	1006·7	-4	W'S	6	bc	38	65	8	8	–	–	4·6	4·6	1500
17	Blacksod Point	18	1023·5	+8	W	1	c	39	85	8	5	–	–	10	10	1500
18	Malin Head ...	52	1020·6	+7	WNW	3	bc	40	65	8	2	8	–	↓	2·3	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1023·1	+6	–	0	0	38	85	8	5	–	–	10	10	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)
London (Kew)	1023·7	0	WSW	1	0z₀	38	95	6	5	–	–	10	10	2500	2	*
Croydon ...	1023·6	+2	–	0	c	35	95	7	–	2	–	0	10	–	1	*
S. Farnborough	1024·1	+2	W'N	1	ir₀	36	95	6	5	–	–	10	10	2500	1	*
Boscombe Down	1024·1	+2	N'E	1	ss₀	34	95	6	5	–	–	10	10	800	1	*
Calshot (Sthmtn.)	1025·5	+2	NNE	2	rr	36	95	7	6	–	–	10	10	800	1	1
Lympne ...	1023·9	+6	N	2	c	35	85	7	–	2	–	0	10	–	1	0
Manston ...	1023·4	+6	W	1	cz₀	37	95	6	–	2	–	0	10	–	1	*
Shoeburyness ...	1025·5	0	W'N	1	0c	36	85	6	5	–	–	10	10	2500	2	*
Felixstowe ...	1023·5	+4	WSW	1	cz₀	35	85	6	–	7	–	–	10	–	1	1
Gorleston ...	1022·9	+8	SW'S	2	c	35	85	6	5	–	–	9+	9+	2500	1	2
Mildenhall ...	1023·4	+2	SW'S	1	cz₀	33	95	6	–	1	–	0	10	–	1	*
Cranwell ...	1023·4	+4	W'S	2	cz₀	32	95	5	–	–	7	0	10	–	1	*
Birmingham ...	1024·0	+4	NW	1	c	33	85	6	–	–	6	0	9	–	1	*
Upper Heyford	1024·4	+4	NW	1	0	34	85	7	5	1	–	4·6	10	4000	1	*
Ross-on-Wye	1023·6	0	S	1	cz₀	35	95	5	5	7	–	1	9	4000	1	*
Portland Bill ...	1021·0	-6	ENE	4	rr	38	95	7	5	–	–	10	10	1500	2	3
Plymouth ...	1021·9	+2	NE	3	rr₀	37	95	8	6	2	–	4·6	10	1500	1	2
The Lizard ...	1020·0	+12	NE'E	6	r.r₀	41	95	5	6	–	–	10	10	1500	1	4
Scilly (St. Mary's)	1020·2	+16	E'N	4	d.d₀	42	95	5	6	2	–	9+	10	1500	1	3
Guernsey ..	1020·4	+2	E'S	3	rr	43	95	5	5	–	–	10	10	1500	2	4
Pembroke ...	1022·6	0	E'S	2	c	40	95	7	5	2	–	4·6	10	2500	1	2
Holyhead ...	1023·5	+4	–	0	c	37	95	8	7	–	7	2·3	10	2500	1	0
Chester (Sealand)	1024·5	+4	W'S	1	c	30	95	6	5	–	8	1	7·8	2500	1	*
Manchester ...	1024·0	+8	SSE	1	0z₀	29	95	5	5	–	7	Tr	10	2500	4	*
Spurn Head ...	1022·4	+4	WNW	4	c	38	95	6	5	2	–	4·6	9+	1500	0	3
Catterick ...	1022·6	+2	SSW	1	bc	34	85	8	–	–	8	0	2·3	–	4	*
Tynemouth ...	1019·8	+6	W	3	bc	36	85	7	2	–	–	2·3	2·3	2500	1	2
Inchkeith ...	1020·1	+14	WSW	3	bc	36	95	7	4	–	–	4·6	4·6	2500	0	2
Leuchars ...	1020·0	+6	WSW	3	bc	31	85	9	–	–	9	0	2·3	–	4	*
Renfrew (Abbots I.)	1021·3	+10	SSW	2	bc	34	95	8	5	–	–	4·6	4·6	2500	5	*
Eskdalemuir ...	1022·2	+4	SW'W	2	ls₀	32	95	7	5	–	–	9+	9+	1500	4	*
Point of Ayre...	1022·6	+4	NW'W	4	bc	41	65	8	–	–	8	0	2·3	–	1	2
Tiree	1020·1	+6	NW	4	bc	40	85	8	8	–	–	2·3	2·3	2500	0	3
Stornoway ...	1017·7	+10	WSW	4	c	34	95	7	5	2	–	4·6	9	1500	6	2
Dalwhinnie ...	1020·4	+8	N	1	c	31	85	7	4	6	–	4·6	9	2500	8	*
Aberdeen ...	1018·4	+14	W	3	bc	36	65	8	4	4	–	Tr	2·3	4000	4	1
Wick ...	1015·3	+12	NW	3	c/ps	35	85	8	8	1	–	4·6	7·8	1500	8	2
Lerwick ...	1009·2	+20	WSW	5	bc	35	75	8	8	–	–	2·3	2·3	1500	6	1
Blacksod Point	1023·9	0	W	1	bc	35	75	8	–	3	–	0	2·3	–	0	2
Malin Head ...	1021·5	+4	NW	2	c/pr	40	75	7	9	–	–	9	9	1500	1	2
Aldergrove ...	1022·7	+4	S'E	2	c	31	95	7	5	–	–	9	9	2500	1	*
Birr Castle ...	1024·6	+2	S	1	c	29	95	7	5	–	–	10	10	2500	1	*
Valentia Obsy. †	1023·1	0	E	3	c	38	75	8	–	7	–	0	10	–	1	2
Roches Point	1023·6	-2	E'N	3	c	39	65	8	5	–	–	10	10	1500	1	3

PAST 24 HOURS.

Stations	Temperature Max. Day 7h–18h °F. (31)	Temperature Min. Night 18h–7h °F (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 11th Hrs. (36)
London (Kew)	46	38	35	–	–	0·4
Croydon ...	44	35	35	–	–	0·7
S. Farnborough	44	35	34	–	Tr	0·1
Boscombe Down	42	33	32	–	1	0·0
Calshot (Sthmtn.)	45	35	35	–	4	0·3
Lympne ...	44	35	33	–	–	2·5
Manston ...	46	36	33	Tr	–	1·0
Shoeburyness ...	45	36	32	–	–	1·1
Felixstowe ...	45	35	33	–	–	3·4
Gorleston ...	46	34	33	–	–	4·0
Mildenhall ...	43	32	29	Tr	–	2·7
Cranwell ...	40	32	30	–	–	2·3
Birmingham ...	40	33	25	–	–	2·4
Upper Heyford	41	34	30	–	–	*
Ross-on-Wye	42	35	28	–	–	2·0
Portland Bill ...	50	36	*	Tr	11	*
Plymouth ...	46	37	35	Tr	15	0·0
The Lizard ...	49	39	*	3	19	*
Scilly (St. Mary's)	47	40	*	5	11	0·0
Guernsey ..	52	41	41	1	12	0·0
Pembroke ...	44	38	*	–	–	0·0
Holyhead ...	43	37	29	–	–	0·0
Chester (Sealand)	43	30	25	–	–	2·0
Manchester ...	42	29	21	Tr	–	1·7
Spurn Head ...	48	37	*	–	–	2·6
Catterick ...	41	33	25	–	–	4·9
Tynemouth ...	40	34	30	–	–	4·7
Inchkeith ...	41	33	31	–	–	5·9
Leuchars ...	40	29	24	–	–	6·2
Renfrew (Abbots I.)	41	32	26	1	0·3	3·8
Eskdalemuir ...	37	27	22	0·2	0·2	4·1
Point of Ayre...	43	36	–	–	–	1·7
Tiree	44	37	34	1	1	2·0
Stornoway ...	39	32	*	3	1	1·8
Dalwhinnie ...	34	27	20	3	–	2·6
Aberdeen ...	38	33	27	Tr	–	5·4
Wick ...	35	30	*	3	1	*
Lerwick ...	38	31	*	1	–	0·0
Blacksod Point	48	33	*	Tr	–	*
Malin Head ...	43	37	*	–	1	0·8
Aldergrove ...	39	28	27	0·1	–	0·7
Birr Castle ...	39	29	21	–	–	0·0
Valentia Obsy. †	41	37	33	–	–	0·0
Roches Point	42	38	*	–	0·1	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew ...	18	c	cz₀	cz₀m	46	38	35	–	–	0·4	*	*	5
Croydon ...	217	cz₀⊕	cz₀	cz₀m	44	35	35	–	–	0·7	*	*	6
Greenwich (Royal Observatory) ...	149	bcm₀	c⊕bcm	cm	43	36	32	–	–	0·0	85	91	4
City (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	44	37	*	–	–	0·0	74	88	*
Regents Pk. (Botanic Gardens)‡ ...	168	*	*	*	44	36	34	–	–	0·0	58	91	*
Camden Square ...	110	b	b	bc	43	36	32	–	–	*	*	85	*
Kensington ...	80	bc	bc	*	43	37	33	–	–	0·0	At 18h. 69	86	*
Hampstead Observatory ...	450	bc	bc	bc	42	37	27	–	–	0·3	*	93	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
Defective			

Kew Observatory Max.	Time.	Min.	Time.
0·4	19h 11th	<0·1	4h 12th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 11th January Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 12th January Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris ...	1024·3	WSW	2	ir₀	48	1022·2	NE	3	dd	39	52	39	0·2	8
Brussels ...	1023·1	W	2	c	39	1023·7	SW	2	c	36	48	36	–	–
Berlin ...	1011·9	W'N	5	q	41	1015·0	W	5	c	37	48	36	1	1
Zurich ...	1027·9	WSW	5	c	52	1024·6	N	5	rr	50	55	50	1	4
Rome ...						1022·6	E	2	3₀	50	*	*		

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 13th January, 1936.
No. 27080.

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

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)	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)	1024·4	0	SW	1	f+	39	85	2	5	-	-	10	10	4150
	Croydon ...	1024·4	-4	-	0	bcf	39	85	3	9	3	-	0	2-3	-
	S. Farnborough	1024·6	-4	NNE	1	c3o	41	65	5	5	4	2	1	7-8	7200
	Boscombe Down	1024·5	-4	NE'E	1	c	40	75	7	-	7	-	0	9	-
	Calshot (Sthmtn.)	1024·1	-2	E	3	c3o	41	85	6	8	-	-	9+	9+	2500
	Lympne ...	1024·2	-8	-	0	c3o	43	65	6	-	3	-	0	9+	-
	Manston ...	1024·6	0	N	2	bc3o	41	85	6	-	7	3	0	4-6	-
2	Shoeburyness ...	1024·8	+2	NW'N	1	c	42	75	5	-	7	6	0	9	-
	Felixstowe ...	1024·4	+4	-	0	c3o	42	65	6	-	-	7	0	10	-
	Gorleston ...	1024·2	+4	WNW	2	c	41	75	6	-	7	1	0	7-8	-
	Mildenhall ...	1024·5	-2	W'N	1	c3o	41	75	5	-	-	2	0	7-8	-
	Cranwell ...	1024·4	0	W'S	2	c3o	40	75	6	-	-	6	0	7-8	-
3	Birmingham ...	1024·3	-4	NNE	1	c3o	39	75	5	-	-	8	0	7-8	-
	Upper Heyford	1024·7	-6	N	1	c3o	40	85	5	-	3	8	0	7-8	-
4	Ross-on-Wye	1024·1	0	NW	1	c3o	39	85	6	-	-	7	0	10	-
5	Portland Bill ...	1023·3	+6	ENE	4	c	41	95	7	5	-	-	10	10	1500
	Plymouth ...	1023·4	+4	E'N	4	ir0	39	95	7	6	7	-	9	10	1500
	The Lizard ...	1021·9	+2	E	5	r0r0	43	95	6	5	-	-	10	10	1500
	Scilly (St. Mary's)	1021·6	+2	ESE	4	r0r0	45	95	6	6	-	-	10	10	1500
	Guernsey ...	1021·9	+2	E'N	2	c	44	95	8	5	2	-	7-8	10	2500
6	Pembroke ...	1024·0	+4	E	2	c	40	95	7	5	2	-	4-6	10	2500
7	Holyhead ...	1024·0	-2	NW'W	2	c	44	55	8	5	-	8	4-6	7-8	4000
	Chester (Sealand)	1024·9	-2	-	0	cm	38	95	4	5	-	8	4-6	9	2500
8	Manchester ...	1024·8	-2	S	1	cf	36	95	3	5	3	-	4-6	9+	4000
10	Spurn Head ...	1023·6	-2	WNW	4	c/f	40	85	3	5	2	1	4-6	7-8	4150
	Catterick ...	1022·9	-6	SW'W	2	bc	41	75	8	-	3	1	0	2-3	-
	Tynemouth ...	1021·5	+2	W	2	bc	38	75	6	4	-	1	2-3	4-6	4000
11	Inchkeith ...	1020·9	+4	SW	2	c3o	37	95	6	4	9	-	7-8	9	800
	Leuchars ...	1020·4	-6	SW	3	bc	36	85	8	-	-	6	0	4-6	-
12	Renfrew (Abbots I.)	1021·7	-2	W'S	2	c	42	85	8	7	-	6	2-3	7-8	2500
	Eskdalemuir ...	1022·0	-4	SW	3	c	38	75	8	7	-	2	2-3	7-8	2500
	Point of Ayre ...	1023·4	+6	NW	3	bc	44	75	8	2	4	-	2-3	2-3	1500
13A	Tiree ...	1020·1	-6	W'S	3	bc	43	65	9	8	-	8	2-3	4-6	2500
13B	Stornoway ...	1016·4	-12	WSW	4	c/pr	39	85	8	8	-	4	4-6	7-8	1500
15	Dalwhinnie ...	*	0	NW	2	c	32	95	7	4	6	-	4-6	7-8	2500
	Aberdeen ...	1018·1	-6	WSW	3	bc	39	65	8	-	4	6	0	4-6	-
	Wick ...	1015·5	+10	WSW	3	c	34	85	8	8	1	1	4-6	7-8	1500
16	Lerwick ...	1009·2	-14	SW	4	c/p(r)	36	95	7	9	2	-	7-8	9+	1500
17	Blacksod Point	1024·6	+4	S	3	c	44	65	8	7	-	-	7-8	7-8	2500
18	Malin Head ...	1022·5	0	WSW	3	b	42	85	7	-	2	0	1	1	2500
	Aldergrove ...	1023·2	-4	S'W	2	bc	33	85	8	5	-	5	tr	2-3	4000
19	Birr Castle ...	1025·0	+2	N	1	bc	34	85	8	5	-	-	4-6	4-6	2500
20	Valentia Obsy. †	1023·6	-2	ENE	3	c	42	65	8	7	7	1	2-3	7-8	4000
	Roches Point	1024·3	+4	E'N	3	c/pr	41	75	9	6	1	-	4-6	9+	1500

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

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)	1025·0	+8	-	0	F	37	95	1	5	-	-	10	10	4150	2	*
	Croydon ...	1024·7	+8	-	0	f	36	95	3	5	-	-	10	10	4150	1	*
	S. Farnborough	1025·2	+8	NE	1	c3o	37	85	5	5	3	-	4-6	10	5700	1	*
	Boscombe Down	1024·9	+6	NNE	1	c	38	85	7	-	2	-	0	10	-	1	*
	Calshot (Sthmtn.)	1024·5	+6	N'W	1	c	41	85	7	5	-	-	10	10	1500	1	1
	Lympne ...	1024·8	+2	NE'N	2	c3o	38	75	5	5	2	-	9	10	4000	1	§ 0
	Manston ...	1024·7	+4·8	N	1	c3o	39	85	5	-	3		0	10	-	1	*
2	Shoeburyness ...	1024·8	+6	NW	1	c	37	85	5	-	3	-	0	9+	-	1	*
	Felixstowe ...	1025·0	+10	-	0	bc3	37	85	5	-	2	-	0	4-6	-	1	0
	Gorleston ...	1024·5	+4	W'S	2	bc3o	37	85	5	-	4	-	0	2-3	-	1	2
	Mildenhall ...	1024·7	+4	-	0	bf4o	33	95	3	-	-	-	0	0	-	1	*
	Cranwell ...	1024·7	+4	SW'W	2	bm	33	95	4	-	-	-	0	0	-	1	*
3	Birmingham ...	1024·7	+2	-	0	f+	35	85	3	5	-	-	10	10	<4150	1	*
	Upper Heyford	1025·4	+6	NE	1	bc3o	35	85	6	-	7	2	0	2-3	-	1	*
4	Ross-on-Wye	1024·4	+4	S	1	m	35	85	4	-	7	8	0	1	-	1	*
5	Portland Bill ...	1023·7	+6	ENE	3	o	41	95	6	5	-	-	10	10	1500	2	3
	Plymouth ...	1023·3	+4	ENE	2	ir0	41	95	6	6	2	-	7-8	10	1500	1	1
	The Lizard ...	1022·1	+2	E	4	r0r0	45	95	6	5	-	-	10	10	1500	1	3
	Scilly (St. Mary's)	1021·4	+4	ESE	4	c/d	46	95	6	5	-	-	10	10	1500	1	3
	Guernsey ...	1022·2	+4	ESE	1	r0r0	44	95	6	5	-	-	10	10	1500	2	2
6	Pembroke ...	1023·9	+2	E'S	2	bc	39	95	6	5	4	-	2-3	4-6	2500	1	2
7	Holyhead ...	1024·1	0	WSW	2	bc	39	65	8	6	-	-	2-3	2-3	4000	1	1
	Chester (Sealand)	1024·9	+8	SW	2	bm	35	75	4	5	-	-	1	1	4000	1	*
8	Manchester ...	1024·3	+2	S	1	cf+	31	95	2	5	-	-	7-8	7-8	4000	1	*
10	Spurn Head ...	1023·7	0	W'S	3	cf	37	95	3	5	1	-	4-6	7-8	4150	0	2
	Catterick ...	1022·6	-2	-	0	b	34	85	8	-	-	-	0	0	-	1	*
	Tynemouth ...	1021·4	-4	W	2	bcm	38	85	4	5	-	-	4-6	4-6	1500	1	2
11	Inchkeith ...	1018·0	-18	SW	3	bc	38	95	7	4	-	-	4-6	4-6	2500	0	1
	Leuchars ...	1018·2	-12	WSW	4	b	35	85	7	-	-	1	0	Tr	-	4	*
12	Renfrew (Abbots I.)	1020·3	-6	WSW	1	b	36	95	7	5	-	-	1	1	2500	1	*
	Eskdalemuir ...	1021·4	-6	SSW	2	bc/ps	33	95	7	5	-	-	4-6	4-6	1500	4	*
	Point of Ayre ...	1022·7	-2	WNW	5	bc	41	85	8	4	4	-	2-3	2-3	2500	1	2
13A	Tiree ...	1018·7	-10	W'S	5	bc	43	65	9	9	-	8	4-6	4-6	2500	1	3
13B	Stornoway ...	1012·3	-20	WSW	5	PHR	41	95	8	8	2	-	7-8	10	1500	1	3
15	Dalwhinnie ...	1018·9	-10	SW	3	1s0	35	95	7	5	6	-	4-6	10	2500	8	*
	Aberdeen ...	1015·5	-18	SSW	2	c3o	36	65	6	-	4	9	0	7-8	-	4	1
	Wick ...	1010·6	-10	WSW	4	c	36	85	8	8	7	-	4-6	7-8	1500	7	2
16	Lerwick ...	1005·4	-12	NW	4	rs	33	95	6	6	-	-	10	10	450	3	*
17	Blacksod Point	1023·9	0	W	2	bc	38	75	8	4	-	-	4-6	4-6	1500	0	2
18	Malin Head ...	1021·2	+2	S'W	3	bc	40	95	7	5	1	-	1	4-6	2500	1	1
	Aldergrove ...	1022·9	-2	SSW	2	bc	35	85	8	5	3	-	1	4-6	2500	1	*
19	Birr Castle ...	1024·6	+2	SSW	1	b	32	95	8	-	-	-	0	0	-	1	*
20	Valentia Obsy. †	1023·0	+2	ENE	3	b	40	75	8	-	4	-	9	1	-	1	2
	Roches Point	1024·2	0	E'N	3	c	40	75	9	5	-	-	7-8	7-8	1500	1	3

PAST 24 HOURS.

District	Stations	Weather. 7h. (13h.) ...12th... (37)	Weather. 13h.–18h. ...12th... (38)	Weather. 18h. 12th to 1h. ...13th... (39)	Weather. 1h.–7h. ...13th... (40)
1	London (Kew)	cm0f	of	ofx	of
	Croydon ...	ombcff	bccf	ofbmx	cfoF
	S. Farnborough	ir0cbc	bccc	om0of	ffo
	Boscombe Down	s0shc	c	c	cm0
	Calshot (Sthmtn.)	crrcir0cm	cm0c	c	ccm0
	Lympne ...	ocm0	bccm0	cbcm0	c
	Manston ...	omcm0	bcm0cm	cbcm0	cm0bcx
2	Shoeburyness ...	bccm0	bccm	cmbc	bcmxc
	Felixstowe ...	cbccm0	cm0bcm0	bcm0bm	bmx
	Gorleston ...	c3z	bcmz0	bbcz0	bz0x
	Mildenhall ...	cbm0	cmb0	bfbmx	bmx
	Cranwell ...	bbcm0	bcbm	bm0x	bm0x
3	Birmingham ...	cbccz	cmf	fb	bx
	Upper Heyford	cbcxm0	bcm0	bcxb	bbccx
4	Ross-on-Wye	cfbccm0	ccm0	bfcFbF	bFcfcm
5	Portland Bill ...	rrc	prz0	oz0	oz0
	Plymouth ...	cr0cir0	cr0r0ir0m	cir0m0	~~bmcdx~~
	The Lizard ...	orrm	orrm0	rr0oc	cFFol
	Scilly (St. Mary's)	dr0r0	r0r0d	dmffe	FFc
	Guernsey ...	orr0c	cor0r	or0ro	co
6	Pembroke ...	cm0	cbcm0	bcm0c	cm0c
7	Holyhead ...	cm0⊕	bcy	bc	b
	Chester (Sealand)	cm0⊕	bcm	bmx	bm0x
8	Manchester ...	cm0ff	cbcff	cfbcm0	cxbm0
10	Spurn Head ...	cf	fmf	bczx	czbcx
	Catterick ...	bcb	bbcbx	bc	bc
	Tynemouth ...	bcm	bcm	bcmbc	bcc
11	Inchkeith ...	bcc	z0bc	bcb	bbcprc
	Leuchars ...	bxbc	Bcbx	bx	bbccpr0
12	Renfrew (Abbots I.)	bcbxbc	bcpr0cb	bbcc	bccpr0
	Eskdalemuir ...	1s0bc	bcp5o	bcx	nsrs
	Point of Ayre ...	bc	bc	bcbc	bc
13A	Tiree ...	cjpbc	bcpr0	bcprq	prqbc
13B	Stornoway ...	cphrs	cphrb	cpr0	cpqs
15	Dalwhinnie ...	c	c	*	1soc
	Aberdeen ...	bcbbc	bccz0	bcprq	prcb
	Wick ...	cpcs	c	cprsq	cpsis
16	Lerwick ...	bccpsh	orsrs	cpsh	cpsh
17	Blacksod Point	bc	bc	bc	bc
18	Malin Head ...	bc	bcc	bcc	cr
	Aldergrove ...	cbc	bc	bcx	bcx
19	Birr Castle ...	cbc	bcb	b	bx
20	Valentia Obsy. †	cycc	cbcb	bbcc	cir0
	Roches Point	cpr0c	cpr0c	cbc	irir0

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.*

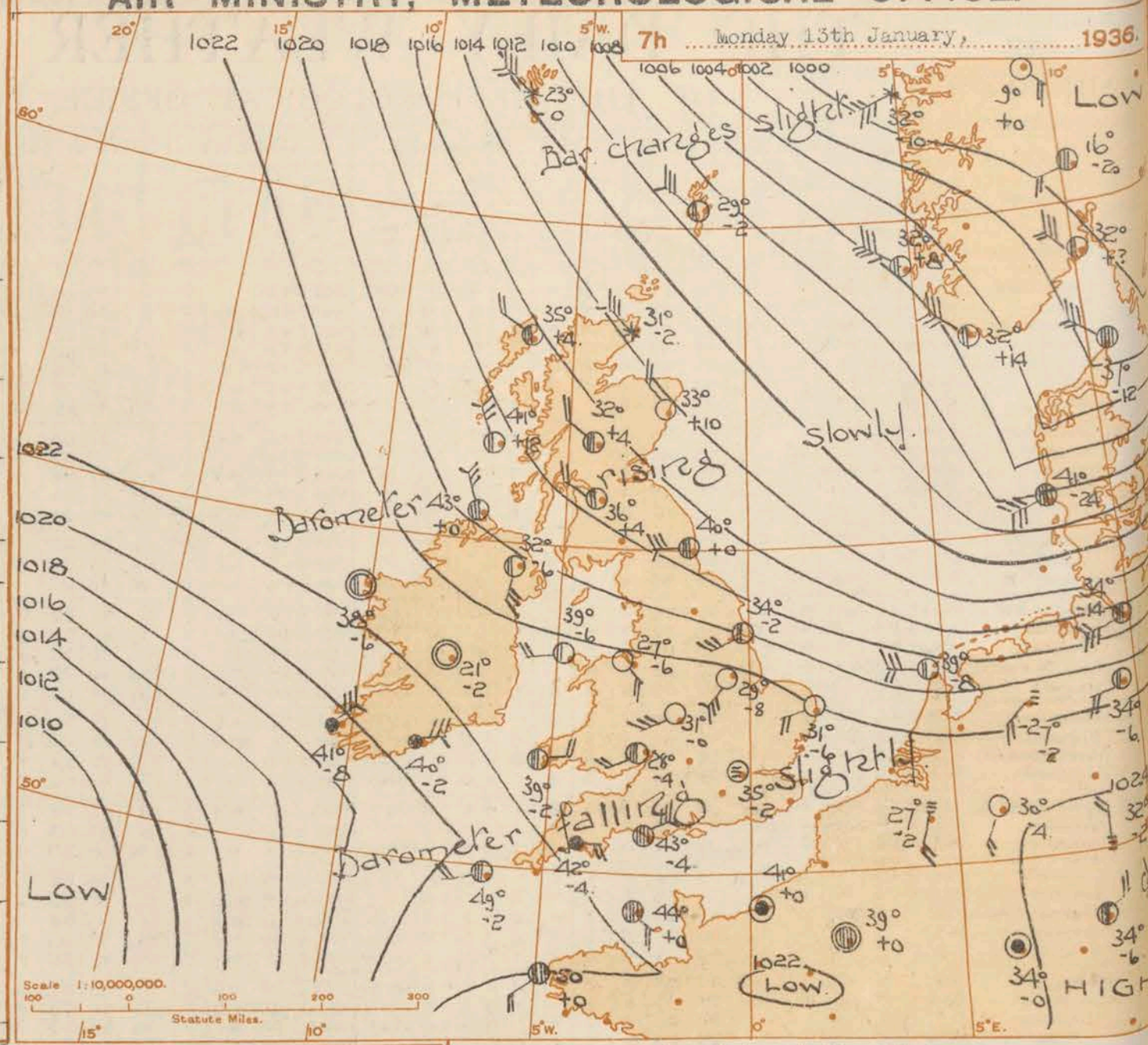
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for Sunday 12th January 1936.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	ocbc	co	35	42	-	-	1·0
	Bournemouth	moo	oom	34	40	8	-	0·0
	Ventnor ...	oro	ooz	34	50	9	-	0·0
	Southsea ...	or₀co	o	36	46	7	Trace	0·3
	Bognor Regis	rccc	o	35	41	4	0·3	0·0
	Littlehampton	c	c	35	41	3	-	0·0
	Worthing ...	c	c	36	42	3	-	0·0
	Brighton ...	cpb	bcbc	36	42	3	Trace	0·4
	Eastbourne†	or₀oc	cof	36	42	2	0·1	0·0
	Hastings† ...	ocbcc	co	36	45	0·5	-	0·5
	Folkestone ...	om₀bc	bcco	37	45	-	-	0·9
	Dover... ...	mcbc	mbcco	38	43	-	-	3·8
	Deal	fcbc	cf	37	43	-	-	0·1
	Ramsgate ...	c	cm	38	43	-	-	0·2
	Margate ...	cb	cc	39	42	-	-	1·0
2	Southend ...	cfmbc	bbcof	37	42	-	-	2·9
	Maldon ...	mb	bco	35	44	-	-	3·9
	Clacton-on-Sea	cbc	bccm	35	43	-	-	3·2
	Dovercourt ...	bcm	bc	33	43	-	-	3·1
	Lowestoft ...	b	b	31	42	-	-	3·3
	Skegness ...	bcm	bcm	29	41	-	-	1·0
	Mablethorpe	cbcc	cm₀	33	39	-	-	2·2
	Cleethorpes ...	cmbc	bcm	33	40	-	-	0·0
3	Leamington S.	bc	bcm	30	40	-	-	0·7
4	Cheltenham†							
5	Bath	cbc	bcc	36	42	0·5	-	1·0
	Weymouth ...	c	c	35	40	8	-	0·0
	Jersey ...	cdc	cdc	42	45	14	2	0·0
	Torquay ...	o	opoz₀	35	42	22	0·6	0·0
	Penzance ...	odod	odod	37	44	15	3	0·0
	St. Ives ...	r	r	36	43	18	4	0·0
	Bude	rscc	c	35	43	7	-	0·0
	Ilfracombe ...	orc	oc	36	42	4	-	0·0
6	Aberystwyth	xzcbc	c	32	41	-	-	1·5
7	Llandudno ...	bc	bcb	33	43	-	-	2·2
	Colwyn Bay...	cc	cbcbc	34	43	-	-	2·3
	Rhyl	cz₀bc	bc	31	42	-	-	1·5
8	Wallasey ...	mbcb	bbcc	35	43	-	-	2·3
	Southport‖ ...	cm	bcmb	32	41	-	-	1·3
	Blackpool ...	cm	bcc	33	44	-	-	3·1
	Morecambe ...	xcbbc	b	32	44	-	-	4·1
9	Ilkley... ...	c	c	28	36	-	-	1·9
	Harrogate ...	b	b	32	39	-	-	3·3
10	Berwick-on-T.	bbc	cbcb	33	40	-	-	5·3
11	Dunbar ..	bcx	bc	34	39	-	-	4·1
12	Troon... ...	cbbcb	bcbcb	36	45	-	-	3·4
	Douglas ...	bcxbc	bccb	32	44	-	-	4·3

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 1/10 to 9/10 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. 13th January, 1936.
1. S.E. England	Light variable wind; mainly cloudy, perhaps slight local rain tomorrow; local fog; rather cold.
2. E. England...	Light variable wind; fair; local fog, more widespread later; rather cold, frost night and morning.
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Light east to south or variable wind; dull, slight rain; local fog; becoming milder.
6. South Wales	Light variable to east wind; cloudy, slight rain or sleet later; local mist or fog; rather cold.
7. North Wales	
8. N.W. England	Moderate to light west to northwest wind; local showers of rain or sleet, bright intervals; fair generally later; local morning fog; rather cold, frost night and morning.
9. N. Midlands	
10. N.E. England	
11. S.E. Scotland	Light northwest wind; fine; rather cold, sharp frost night and morning.
12. S.W. Scotland & Isle of Man	
13. A. W. Scotld. B. N.W. Scotland	Moderate to light northwest wind; snow showers, bright intervals; cold, severe frost inland night and morning.
14. Mid-Scotland	
15. N.E. Scotland	
16. Orkney and Shetland	
17. N.W. Ireland	As 6.
18. N.E. Ireland	As 7 - 10.
19. S.E. Ireland	As 5.
20. S.W. Ireland	

GENERAL INFERENCE.

A ridge of high pressure extends from Greenland to the Alps. A depression off Norway is moving southeast and a depression off our Southwest Coasts is deepening and spreading slightly northeast without much movement of the centre. There will be local wintry showers as far south as North Wales and the Wash and slight rain in the Southwest spreading slowly. Fog will persist locally in the South.

FURTHER OUTLOOK.

Occasional rain and milder in the South. Cold in the North with probably snow or sleet spreading northwards.

Forecasts issued at 1010 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

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

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, 13th January, 1936.
No. 27080.

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

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	1024·3	-2	–	0	of	34	95	3	5	–	–	10	10	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1024·8	0	N'E	1	oz	37	85	6	5	–	–	10	10	2500
	Manston ...	142	1024·5	0	NE	2	cz	34	95	6	5	–	–	7-8	7-8	4000
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1023·9	-8	WSW	2	bc	33	95	6	–	4	–	9	2-3	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1023·3	-2	ENE	3	0	43	95	6	5	–	–	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1022·3	0	SE'E	4	c	46	95	8	5	2	–	9+	10	1500
	Scilly (St. Mary's)	163	1021·6	-2	SE	4	of	47	95	3	5	–	–	10	10	<150
	Guernsey ..	175	1023·1	0	ESE	1	0	44	95	8	5	7	–	4-6	10	2500
6	Pembroke ...	142	1023·5	0	ENE	2	c	38	95	6	5	–	–	9+	9+	2500
7	Holyhead ...	26	1023·3	-6	W'S	2	bc	39	65	7	5	–	–	1	1	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1022·0	-4	WSW	3	bcz	35	85	5	–	2	–	0	4-6	–
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1018·1	-16	W	3	bc	38	85	7	2	–	–	4-6	4-6	2500
11	Inchkeith ...	190	1016·0	-12	SW	5	b	40	85	9	5	–	–	1	1	4000
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1022·3	-4	WNW	5	bc	41	75	8	1	–	–	4-6	4-6	4000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1015·2	+20	NNW	3	c	36	85	8	8	7	–	4-6	7-8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1011·5	+12	NW	4	c	36	75	8	8	2	1	7-8	9	1500
16	Lerwick ...	156	1008·9	+22	NW	4	C/ps	29	85	8	9	2	–	4-6	7-8	800
17	Blacksod Point	18	1023·4	0	–	0	bc	34	85	8	1	–	–	1	1	2500
18	Malin Head ...	52	1019·9	+6	SW	4	c	41	95	7	8	–	–	9+	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1021·9	-4	E	2	0	41	75	8	–	2	–	0	10	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
		1023·4	0	–	0	cf	36	95	3	5	–	–	9+	9+	2500	2	*
		1023·4	-2	–	0	of+	35	95	1	5	–	–	10	10	<150	1	*
		1023·6	+2	NW	1	of	35	95	2	5	–	–	10	10	<150	1	*
		1023·4	-2	–	0	oz	37	95	6	5	–	–	10	10	2500	1	*
		1023·2	-2	N	1	oz	40	95	6	5	–	–	10	10	800	1	1
		1023·8	0	NNW	1	cz	37	85	5	5	3	–	4-6	9	4000	1	0
		1023·4	-2	–	0	c	33	95	7	5	–	–	7-8	7-8	5700	1	*
2		1023·5	-4	W'N	1	cm	33	95	4	5	–	–	9+	9+	2500	4	*
		1023·2	-6	W	2	bm	33	85	4	–	–	–	0	0	–	1	1
		1022·1	-6	SW'W	2	b	31	85	6	4	–	–	Tr	Tr	2500	4	2
		1022·8	-4	S'W	2	bm	29	95	4	–	–	–	0	0	–	4	*
		1022·2	-8	SW'W	3	bz	29	95	6	–	–	–	0	0	–	4	*
3		1023·2	-20	WSW	3	b	31	85	7	–	–	1	0	Tr	–	1	*
		1023·8	-4	–	0	cz	30	95	5	5	–	–	7-8	7-8	2500	1	*
		1023·6	-4	WSW	1	cm	28	95	4	5	–	–	9	9	2500	4	*
5		1022·5	-4	ENE	3	0	43	95	6	5	–	–	10	10	1500	2	3
		1022·2	-4	E'N	2	id	42	95	7	5	2	–	9	10	1500	1	1
		1021·4	-4	ESE	3	df	48	95	1	5	–	–	10	10	220	1	3
		1020·7	-2	WSW	2	c	49	95	6	5	7	–	2-3	7-8	1500	1	1
		1022·7	0	SE	1	0	44	95	6	5	–	–	10	10	2500	1	3
6		1022·3	-2	E'N	2	0	39	95	6	5	–	–	10	10	2500	1	2
7		1022·3	-6	W'S	2	bc	39	65	8	–	–	5	0	Tr	–	1	1
		1022·8	-6	SE	1	bz	27	95	6	5	–	–	Tr	Tr	4000	1	*
8		1022·3	-8	WSW	1	bz	28	85	5	–	–	–	0	0	–	1	*
10		1020·2	-2	SW	3	bc	34	95	6	–	2	–	0	2-3	–	0	2
		1008·5	-10	WNW	5	bc	38	85	8	4	–	–	7	7	2500	4	*
		1017·0	0	W	3	c	40	85	7	9	–	–	7-8	7-8	1500	1	2
11		1016·4	+8	SSW	4	c	40	95	8	5	3	–	4-6	7-8	2500	0	3
		1016·5	+22	–	0	c	34	95	8	8	–	–	9+	9+	2500	1	*
12		1017·6	+4	WNW	2	bc	36	95	8	5	–	–	4-6	4-6	5700	1	*
		1017·8	-4	WSW	4	rs	36	95	6	6	2	–	9	10	450	4	*
		1020·4	-10	WNW	5	bc	41	75	8	1	–	–	2-3	2-3	2500	1	3
13A		1018·0	+12	N'W	4	bc	41	75	8	8	6	–	2-3	4-6	2500	0	–
13B		1016·8	+4	NW	2	c	35	85	8	5	7	–	4-6	9+	1500	1	1
15		1017·8	+4	NW	1	c	32	85	7	4	6	–	7-8	10	2500	8	*
		1013·6	+10	NW'N	1	b	33	85	8	8	–	–	1	1	2500	4	1
		1013·9	+12	NW	4	is	31	95	7	8	6	–	4-6	7-8	1500	8	3
16		1009·3	-2	NW	4	bc	29	95	8	9	7	–	4-6	4-6	800	8	*
17		1022·4	-6	–	0	bc	38	85	8	–	3	–	0	2-3	–	4	2
18		1019·2	0	N'W	3	c/r	43	85	7	8	–	–	9+	9+	1500	1	2
		1020·9	-6	SSW	3	bc	32	85	8	5	–	–	4-6	4-6	2500	1	*
19		1023·4	-2	–	0	b	21	95	8	–	–	–	0	0	–	4	*
20		1020·0	-8	NE	3	ir	41	95	7	6	2	–	7-8	10	1500	1	2
		1021·6	-2	E'N	3	ir	40	95	8	6	–	–	10	10	1500	1	3

PAST 24 HOURS.

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

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather Morning.	Weather Afternoon.	Weather Night.	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity 15h. G.M.T % (Yesterday.)	Humidity 9h. G.M.T % (To-day.)	Visibility 9h.
		24 hrs. ended 9h.											
KEW ...	18	cmf	of	ofx	39	29	22	Tr	Tr	0·0	*	*	2
CROYDON ...	217	ombcff	bccf	ofbm	40	31	27	–	–	0·3	*	*	1
GREENWICH (Royal Observatory) ...	149	cbmf	bfmf	bxcf	41	30	24	–	Tr	0·2	80	86	2
CITY (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	0·1	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	50	32	28	–		0·0	75	87	*
REGENTS PK. (Botanic Gardens)‡ ...	168	*	*	*	41	33	25	–	–	0·1	73	81	*
CAMDEN SQUARE ...	110	c	c	*	41	32	23	–	–	*	*	85	*
KENSINGTON ...	80	cf	coc	*	39	34	24	–	–	0·0	At 18h. 85	85	*
HAMPSTEAD OBSERVATORY ...	450	bc	bcof	of	38	34	16	Tr	–	1·1	*	92	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

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

Kew Observatory. Max.	Time.	Min	Time.
3·2	21h 12th	0·1	7h. 12th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 12th January Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 13th January Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
PARIS ...	1025·3	NNE	2	id	39	1025·3	–	0	oz	39	41	37	5	2
BRUSSELS ...	1024·6	–	0	0	36	1023·6	SSW	1	bf-	27	41	27	–	–
BERLIN ...	1001·9	W'S	4	0	55	1020·5	W	3	oz	34	41	34	–	–
ZURICH ...						1024·3	NE	1	rr	43		43		5
ROME ...	1020·3	–	0	bz	52	1020·6	ENE	5	oz	48	*	*	–	–

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 14th January, 1936.
No 27081.

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

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)	1023·2	−6	WS	2	cf	41	75	3	5	–	–	9+	9+	2500
	Croydon ...	1023·2	−6	WN	2	c z_o	41	75	5	5	–	–	9+	9+	4000
	S. Farnborough	1023·6	−4	–	0	m/f	40	75	4	5	–	–	10	10	2500
	Boscombe Down	1023·6	−6	–	0	c z_o	40	95	5	5	–	–	10	10	2500
	Calshot (Sthmtn.)	1023·4	−4	–	0	ac z_o	44	95	5	5	–	–	10	10	2500
	Lympne ...	1023·4	−8	W	2	bc z_o	43	65	6	5	–	1	4-6	4-6	4000
	Manston ...	1023·0	−8	WN	2	c f	40	85	3	5	–	–	9+	9+	2500
2	Shoeburyness ...	1023·1	−8	NW	1	m/f	39	75	4	5		–	4-6	4-6	5700
	Felixstowe ...	1022·7	−6	WS	3	m/f	39	65	4	–	–	8	0	4-6	–
	Gorleston ...	1021·4	−6	WSW	3	b z_o	35	95	5	–	–	–	0	0	–
	Mildenhall ...	1022·4	−6	SSW	3	bc z_o	37	75	5	–	1	5	0	4-6	–
	Cranwell ...	1021·4	−12	SWW	4	b z_o	37	65	5	–	4	–	0	Tr	–
3	Birmingham ...	1022·9	−2	W	2	b m	35	75	4	–	–	–	0	0	–
	Upper Heyford	1023·5	−6	SW	1	bc z_o	39	75	6	–	7	8	0	4-6	–
4	Ross-on-Wye	1023·0	−10	–	0	bc f	33	85	3	5	3	2	Tr	4-6	4000
5	Portland Bill ...	1022·7	−8	SE	3	o	47	95	7	5	–	–	10	10	1500
	Plymouth ...	1022·4	−2	EN	1	i_o	45	95	6	5	–	–	10	10	450
	The Lizard ...	1021·7	−4	–	0	c	50	95	8	5	2	–	9	10	1500
	Scilly (St. Mary's)	1021·5	−2	SW	1	c	49	95	8	5	–	–	10	10	2500
	Guernsey ...	1022·6	−4	SE	1	dd	45	95	4	5	–	–	10	10	450
6	Pembroke ...	1022·3	−2	EN	3	iD	40	95	5	5	2	–	7-8	10	1500
7	Holyhead ...	1022·7	0	W	3	c	45	75	8	5	4	6	1	7-8	4000
	Chester (Sealand)	1022·9	−2	WNW	2	bc	41	65	7	5	–	2	1	4-6	4000
8	Manchester ...	1022·5	−2	W	2	c/f	38	85	5	5	–	–	9	9	4000
10	Spurn Head ...	1019·8	0	WNW	3	bc z_o	39	85	5	5	7	–	4-6	4-6	800
	Catterick ...	1020·1	+6	WNW	2	c/pr	42	85	8	9	3	–	7-8	7-8	2500
	Tynemouth ...	1019·1	+14	W	2	bc/r	37	85	6	9	–	–	4-6	4-6	1500
11	Inchkeith ...	1019·6	+18	WSW	3	bc	39	75	8	5	–	–	2-3	2-3	4000
	Leuchars ...	1019·0	+6	W	4	b	38	55	8	1	–	–	Tr	Tr	2500
12	Renfrew (Abbots I.)	1021·2	+16	WNW	3	b	40	65	9	1	–	1	Tr	1	4000
	Eskdalemuir ...	1020·0	+10	NW	4	b	37	65	8	1	–	1	1	1	2500
	Point of Ayre...	1022·0	+2	NW	4	c	43	85	8	3	–	–	7-8	7-8	1500
13A	Tiree	1021·8	+10	NNW	4	bc	42	55	9	8	4	8	1	2-3	4000
13B	Stornoway ...	1019·2	+8	WSW	3	s_os_o	35	95	7	5	–	–	10	10	1500
15	Dalwhinnie ...	1020·1	+6	NW	1	bc	33	85	8	4	6	–	2-3	4-6	2500
	Aberdeen ...	1016·1	−6	NNW	5	b jp	36	65	8	3	–	–	1	1	1500
	Wick ...	1014·8	+4	NW	5	ep	34	95	8	8	6	–	4-6	7-8	1500
16	Lerwick ...	1009·1	0	WNW	5	sh	35	95	5	9	–	–	9	9	800
17	Blacksod Point	1023·3	0	E	2	bc	42	85	8	4	–	7	2-3	4-6	1500
18	Malin Head ...	1022·6	+6	N	3	bc	42	85	8	2	–	–	1	1	2500
	Aldergrove ...	1023·0	+4	SW	3	bc	39	85	8	8	–	–	4-6	4-6	2500
19	Birr Castle ...	1024·2	0	SW	1	bc	31	95	8	5	–	2	1	2-3	2500
20	Valentia Obsy. †	1020·6	0	E	3	i_o	47	95	7	5	2	–	9	10	1500
	Roches Point†	1022·1	−4	E	3	dd	42	95	5	5	–	–	10	10	450

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

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)	1023·5	+10	WNW	1	bf	37	85	3	–	–	–	0	0	–	2	*
	Croydon ...	1023·5	+6	NW	1	bf	36	85	3	–	–	–	0	0	–	1	*
	S. Farnborough	1023·7	+6	NNW	2	bc z_o	39	85	5	5	–	–	4-6	4-6	2500	1	*
	Boscombe Down	1023·5	+6	NE	1	o z_o	40	85	5	5	–	–	10	10	1500	1	*
	Calshot (Sthmtn.)	1023·4	+6	–	0	ac m	44	95	4	5	–	–	10	10	2500	1	0
	Lympne ...	1023·6	+4	NWN	2	b f	36	85	3	–	–	–	0	0	–	1	§ 1
	Manston ...	1023·0	+2	W	2	b f	34	95	3	–	–	–	0	0	–	1	*
2	Shoeburyness ...	1023·1	+4	W	1	b m	34	95	4	–	–	–	0	0	–	1	*
	Felixstowe ...	1022·8	+8	WNW	2	b z_o	37	75	6	–	–	1	0	1	–	1	1
	Gorleston ...	1021·2	+4	WSW	3	bc	36	85	6	5	–	–	2-3	2-3	2500	1	2
	Mildenhall ...	1022·5	+6	SSW	1	bc z_o	33	85	5	–	–	5	0	2-3	–	4	*
	Cranwell ...	1022·4	+16	WSW	4	c z_o	35	85	5	5	–	–	9+	9+	1500	1	*
3	Birmingham ...	1022·8	+2	WNW	3	b m	34	85	4	–	–	–	0	0	–	1	*
	Upper Heyford	1023·9	+4	W	1	bc z_o	31	85	6	–	7	8	0	2-3	–	1	*
4	Ross-on-Wye	1023·6	+4	S	1	bf	30	95	2	5	–	–	1	1	4000	1	*
5	Portland Bill ...	1022·3	0	SSW	3	d_od_o	46	95	6	5	–	–	10	10	1500	1	2
	Plymouth ...	1021·8	+4	EN	2	d_od_o	45	95	4	–	2	–	10	10	220	1	1
	The Lizard ...	1021·9	+2	SW	1	c	48	95	8	5	2	–	9+	10	2500	1	1
	Scilly (St. Mary's)	1021·4	+6	–	0	c	48	95	8	5	–	–	10	10	2500	1	1
	Guernsey ...	1022·2	0	SW	1	dd	47	95	4	5	–	–	10	10	450	2	1
6	Pembroke ...	1021·9	+6	EN	3	r_or_o	38	95	6	5	–	–	10	10	1500	1	1
7	Holyhead ...	1023·1	+6	NNW	2	c	43	85	8	7	–	6	7-8	9+	4000	1	1
	Chester (Sealand)	1023·9	+10	WNW	2	pr_o	37	85	7	5	–	–	9	9	2500	1	*
8	Manchester ...	1023·0	+10	NWN	3	b m	35	95	4	5	–	–	1	1	4000	1	*
10	Spurn Head ...	1020·5	+4	NW	3	bc z_o	39	95	5	–	2	–	0	4-6	–	0	2
	Catterick ...	1021·8	+10	WNW	3	b	36	75	8	–	–	1	0	Tr	–	1	*
	Tynemouth ...	1020·5	+12	WNW	2	bc	37	75	6	5	–	–	2-3	2-3	1500	1	1
11	Inchkeith ...	1020·9	+4	SW	4	bc	38	75	8	6	–	–	2-3	2-3	2500	0	3
	Leuchars ...	1020·2	+10	WSW	4	b	34	75	9	4	–	–	1	1	4000	1	*
12	Renfrew (Abbots I.)	1022·0	+8	SWS	2	bc	34	75	7	5	–	–	4-6	4-6	4000	1	*
	Eskdalemuir ...	1022·0	+10	WNW	4	b	32	75	8	1	–	–	Tr	Tr	2500	4	*
	Point of Ayre...	1023·3	+10	NW	4	b	41	65	8	4	–	–	1	1	4000	1	3
13A	Tiree	1023·1	+10	WNW	4	PR	38	95	7	3	6	–	9+	9+	1500	1	3
13B	Stornoway ...	1020·9	+12	NW	4	c	37	65	8	8	7	–	4-6	7-8	1500	1	2
15	Dalwhinnie ...	1021·2	+10	NW	1	bc	31	95	7	4	6	–	4-6	4-6	2500	8	*
	Aberdeen ...	1018·4	+14	NWW	4	bc/ps	34	75	8	9	–	–	4-6	4-6	1500	6	2
	Wick ...	1016·2	+16	NW	5	cps	32	95	7	8	6	–	7-8	9	1500	8	3
16	Lerwick ...	1009·4	+4	NW	6	ps_o	30	85	5	8	–	–	7-8	7-8	800	8	*
17	Blacksod Point	1023·8	+4	ENE	2	bc	41	85	8	4	–	–	2-3	2-3	1500	0	2
18	Malin Head ...	1023·9	+12	N	3	bc	41	75	8	4	–	–	2-3	2-3	2500	1	1
	Aldergrove ...	1024·4	+12	–	0	bc	34	95	8	5	–	5	2-3	4-6	2500	1	*
19	Birr Castle ...	1024·1	+6	ENE	1	bc	29	95	8	5	–	–	4-6	4-6	2500	4	*
20	Valentia Obsy. †	1020·5	+2	EN	4	c	48	85	8	5	2	–	7-8	10	1500	1	1
	Roches Point†	1022·9	+4	E	3	dd	40	95	7	5	–	–	10	10	800	1	3

PAST 24 HOURS.

District	Stations	Weather. 7h.—13h. ...13th. (37)	Weather. 13h.—18h. ...13th. (38)	Weather. 18h.—1h. 13th–14th. (39)	Weather. 1h.—7h. ...14th. (40)
1	London (Kew)	ofcf	bcbf	bxf	bxf
	Croydon ...	FFem$_o$	czfbf	bfmx	bmx
	S. Farnborough	ofcf	mcm$_o$	bcbm$_o$x	bmbfx
	Boscombe Down	cm$_o$	cm$_o$	cpr$_o$c	bcm$_o$x
	Calshot (Sthmtn.)	cm$_o$	cm	cmcprpr$_o$	cb
	Lympne ...	ccm$_o$	cm$_o$bfx	bcbfx	bfxm
	Manston ...	cm$_o$mf	fm$_o$bff	bbfx	bfmx
2	Shoeburyness ...	ffmbc	cm$_o$bx	bmx	bmxbc
	Felixstowe ...	bff xbc	bcz$_o$bz$_o$	bz$_o$	bfbm
	Gorleston ...	bz$_o$z$_o$	bbcz$_o$	bz$_o$z$_o$x	bbcmzx
	Mildenhall ...	bmxbc	bcm$_o$	bcm$_o$	bcbmx
	Cranwell ...	bm$_o$xm	bz$_o$c	cbm$_o$x	bm$_o$x
3	Birmingham ...	bb	bz	bmx	bmx
	Upper Heyford	cxbcbm	bcb	bm$_o$fx	bfxF
4	Ross-on-Wye	bfcFbcf	bcfcfbf	FFxcf	cfbmx
5	Portland Bill ...	o	o_do	o_do	orrdd
	Plymouth ...	coid_om$_o$	o id_om$_o$m	omd$_o$d$_o$	cd$_o$d$_o$mc
	The Lizard ...	ffdoc	c	c	opr$_o$
	Scilly (St. Mary's)	c	c	c	c
	Guernsey ...	omfdd	dd	oddo	o
6	Pembroke ...	om$_o$idc	om$_o$rro	c	oc
7	Holyhead ...	bbc	bcc	cbcb	bcc
	Chester (Sealand)	bz$_o$	bccr$_o$r$_o$	cbcf	bcf
8	Manchester ...	bffcm$_o$	cr$_o$m$_o$bm	bmx	bffx
10	Spurn Head ...	bcz	f	bczb	bbcx
	Catterick ...	bccpr$_o$	cbcb	bx	bx
	Tynemouth ...	cir$_o$	bc	bcc	cbc
11	Inchkeith ...	cbc	bc	bcps$_o$ps	bcc
	Leuchars ...	cxpr$_o$b	byb	b	bx
12	Renfrew (Abbots I.)	bcbx	bvbc	bcbx	bx
	Eskdalemuir ...	cir$_o$b	bbx	bx	bx
	Point of Ayre...	bcc	cbc	bcbbc	bc
13A	Tiree	bcb	bcPR	bcpr$_o$	bcc
13B	Stornoway ...	bcs$_os_o$	ocprs	cph$_o$	cph$_o$
15	Dalwhinnie ...	cbc	is$_o$bc	*	isc
	Aberdeen ...	ps$_o$b	bcps	b-cps	b-cps
	Wick ...	cisps	cps	cpsq	cpsq
16	Lerwick ...	bcciS	cpshq	cbccpshq	bccphsq
17	Blacksod Point	bc	bc	bc	b
18	Malin Head ...	bc	bccbc	cbc	bcc
	Aldergrove ...	bcxpr$_o$	bc	bcbx	bx
19	Birr Castle ...	bbc	bc	bc	bcx
20	Valentia Obsy. †	ir$_o$id_o	cid$_o$c	cid$_o$c	c
	Roches Point†	odd	odd	od$_o$d	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.*

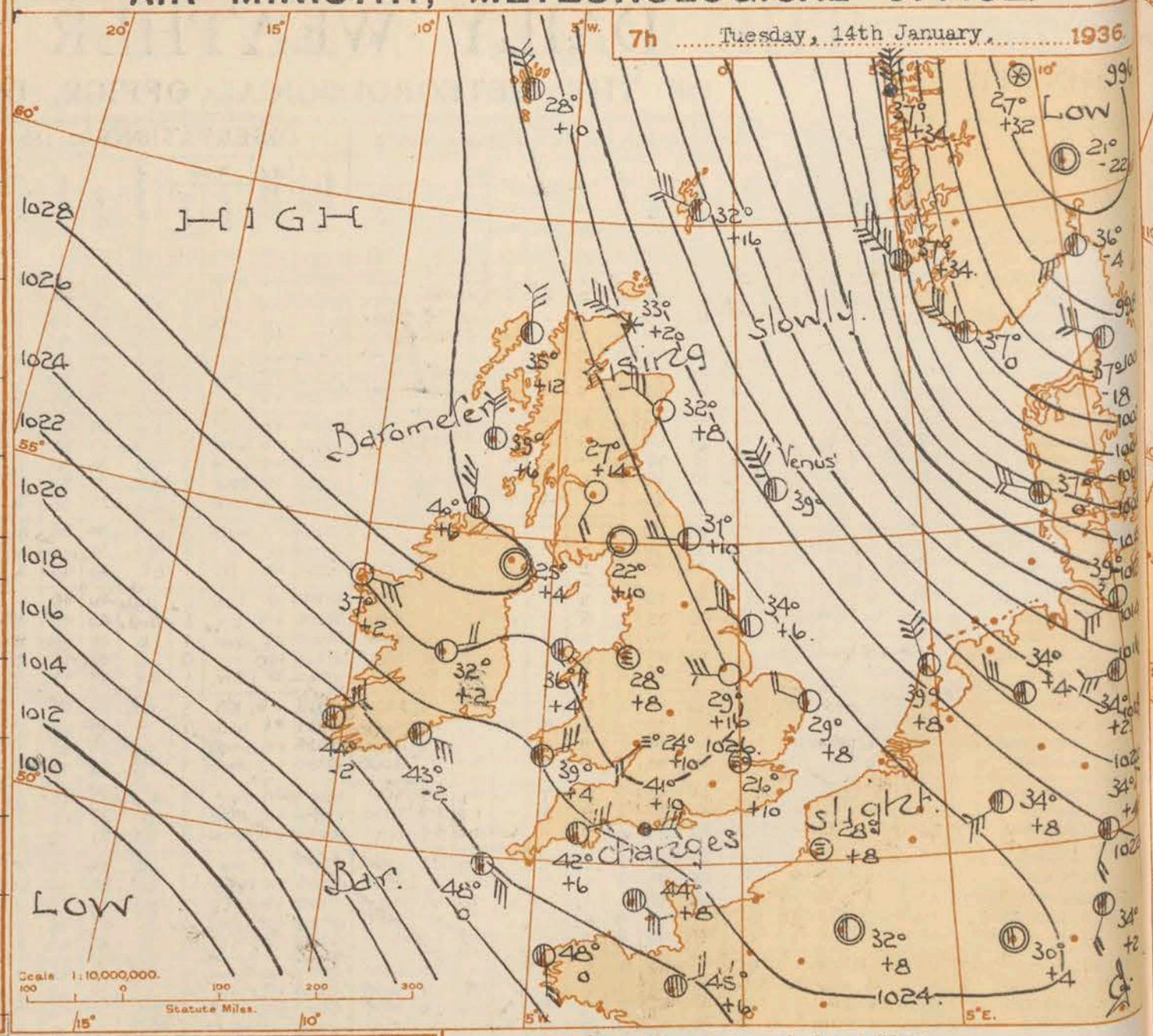
† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for Monday, 13th January, 1936.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	o	ocom	31	41	–	–	0·1
	Bournemouth	fo	of	35	46	–	–	0·0
	Ventnor ...	oz	oz	40	45	–	–	0·0
	Southsea ...	omo	o	38	46	0·2	–	0·0
	Bognor Regis	o	o	36	45	–	–	0·0
	Littlehampton	o	o	36	44	–	–	0·0
	Worthing ...	c	co	36	45	Trace	–	0·0
	Brighton ...	c	c	35	44	–	–	0·0
	Eastbourne†	fo	o	33	44	–	–	0·0
	Hastings† ...	c	cbcbc	35	43	–	–	0·2
	Folkestone ...	comc	cbc	34	44	–	–	0·3
	Dover... ...	foc	cof	34	43	–	–	0·0
	Deal	f	fF	32	42	–	–	0·0
	Ramsgate ...	em	em	34	42	Trace	–	0·3
	Margate ...	c	c	34	42	–	–	0·0
2	Southend ...	cfbcm	bcmbf	33	42	Trace	–	0·3
	Maldon ...	xfb	b	27	40	–	–	4·3
	Clacton-on-Sea	bcmx	bc	30	40	–	–	5·7
	Dovercourt...	x,bcm	bcb	29	39	–	–	6·0
	Lowestoft ...	b	b	28	42	–	–	5·4
	Skegness ...	xbcm	bm	29	37	–	0·1	5·5
	Mablethorpe	bcmx	bcmo	29	35	–	–	4·5
	Cleethorpes...	bz	bmo	30	41	–	–	5·0
3	Leamington S.	foc	bc	25	31	–	–	0·2
4	Cheltenham†	fxc	bcfx	28	37	–	–	1·8
5	Bath	mc	mcd	32	42	–	0·3	0·0
	Weymouth ...	c	c	36	47	–	–	0·0
	Jersey ...	cd.	dcz	43	46	1	0·1	0·0
	Torquay ...	of.	fd.o	38	47	Trace	Trace	0·0
	Penzance ...	mddo	o	41	52	1	Trace	0·0
	St. Ives ...	c	c	39	52	0·5	–	0·0
	Bude	cd	odm	38	47	Trace	Trace	0·0
	Ilfracombe ...	oc	cod	39	45	–	0·1	0·0
6	Aberystwyth	xzcbc	bcc	27	41	–	–	4·9
7	Llandudno ...	b	bbcr.	30	43	–	0·3	5·3
	Colwyn Bay...	xb	bbcop	32	43	–	0·3	5·3
	Rhyl	xbbc	bwcr.	28	42	–	0·1	4·1
8	Wallasey ...	xb	bcere	32	43	–	1	4·3
	Southport‖ ...	bbcc	corb	36	47	0·3	0·3	2·3
	Blackpool ...	co	cbc	34	44	–	–	1·2
	Morecambe ...	cbc	cbcb	32	43	–	–	1·7
9	Ilkley... ...	cpbc	bcpbc	28	40	–	1	2·7
	Harrogate ...	b	b	34	41	–	–	4·6
10	Berwick-on-T.	ocbc	bc	33	39	1	–	4·4
11	Dunbar ...	bc	bc	35	40	0·3	–	5·1
12	Troon... ...	bbcb	bcb	35	43	0·5	–	6·3
	Douglas ...	cbcdc	cbccb	32	43	–	Trace	3·4

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.
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. 14th January, 1936

Districts.	Forecasts
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light variable wind; fine; local fog, especially later; cold, sharp frost night and morning.
5 S.W. England	Light or moderate east or southeast wind; cloudy, local drizzle; rather mild.
6 South Wales ...	Light east wind; mainly cloudy, perhaps local drizzle; 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.	As 1 - 4.
13 A. W. Scotld. / B. N.W. Scotland.	Moderate to light north wind; snow showers; bright intervals; cold, frost inland.
14 Mid Scotland	
15 N. E. Scotland 16 Orkneys and Shetlands	▲ Wind northwest to north, strong locally, moderating; snow showers, ▲ heavy locally, bright intervals; cold, frost inland.
17 N. W. Ireland 18 N. E. Ireland	As 1 - 4.
19 S. E. Ireland 20 S. W. Ireland	Moderate or fresh east wind; cloudy, slight local rain; average temperature.

GENERAL INFERENCE.

A belt of high pressure extending from Iceland over the British Isles to the Alps is moving east slowly. There will be fog at many places inland and local drizzle in the Southwest and snow showers in North Scotland but otherwise weather will be fair.

FURTHER OUTLOOK.

Little change.

Time of issue of Gale Warning.

▲ North Cone hoisted at 1945 on 13th in districts 15, 16 and on Dogger Bank.

Forecasts issued at 1000 G. M. T.

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

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

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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, 14th January, 1936.
No. 27081.

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

Distrct.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 2 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1025·1	+6	-	0	bm	30	95	4	-	3	-	0	Tr	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1024·8	+2	N'W	3	bf-	33	75	3	-	-	-	0	0	-
	Manston ...	142	1024·1	+2	W	1	bf	32	95	3	-	-	-	0	0	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1023·1	-4	W'N	3	bz₀	31	95	5	-	-	-	0	0	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1022·9	+4	SE	3	d₀d₀	42	95	6	5	-	-	10	10	800
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1022·4	0	ESE	2	c	47	95	8	5	2	-	9	10	1500
	Scilly (St. Mary's)	163	1021·8	0	SES	2	0	48	95	8	5	-	-	10	10	2500
	Guernsey ...	175	1022·8	+2	SE	1	0	45	95	6	5	-	-	10	10	1500
6	Pembroke ...	142	1023·3	+2	E'N	3	0	40	75	7	5	2	-	4·6	10	2500
7	Holyhead ...	26	1025·5	+10	ENE	2	bc	39	85	8	5	-	6	1	4·6	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1023·3	+4	WNW	4	b	35	95	7	-	-	-	0	0	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1023·2	+8	W	3	c	33	75	7	5	-	-	7·8	7·8	1500
11	Inchkeith ...	190	1023·3	+14	NW	4	bc	35	85	8	5	-	-	4·6	4·6	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1025·2	+6	N'W	4	b	41	65	8	1	-	-	1	1	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1025·0	+20	NNW	4	c	35	95	8	8	7	-	4·6	7·8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1020·5	+18	NW	7	ps₀	35	75	7	8	2	-	7·8	10	1500
16	Lerwick ...	156	1013·4	+24	NW	6	c/ps	35	75	7	9	7	-	7·8	7·8	800
17	Blacksod Point	18	1023·1	0	E	3	b	38	85	8	-	-	-	0	0	-
18	Malin Head ...	52	1025·5	+8	N	2	b	41	75	8	2	-	-	1	1	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1021·8	+6	NE	2	c	44	95	8	7	1	-	Tr	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Cloud. Form. Med. (24)	Cloud. Form. High (25)	Cloud. Amount. Low 0–10 (26)	Cloud. Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 * (30)
London (Kew)	1025·8	+10	-	0	bf	27	95	3	-	-	-	0	0	-	4	*
Croydon ...	1025·9	+10	-	0	bm	26	95	4	-	-	-	0	0	-	1	*
S. Farnborough	1026·6	+12	-	0	bf	24	95	3	-	3	-	0	Tr	-	4	*
Boscombe Down	1026·1	+12	NE'N	2	bc	32	95	6	-	7	-	0	2-3	-	1	*
Calshot (Sthmtn.)	1025·3	+10	N'E	1	c	39	85	7	5	-	-	9	9	2500	1	1
Lympne ...	1025·8	+10	N	3	bm	30	85	4	-	4	1	0	Tr	-	1	1
Manston ...	1025·1	+10	NNW	2	bz₀	35	85	5	-	-	1	0	Tr	-	1	*
Shoeburyness ...	1025·4	+12	NNW	1	bcm	28	85	4	5	1	-	2-3	4-6	4000	4	*
Felixstowe ...	1025·1	+8	NW	2	bcm	30	85	4	-	-	1	0	2-3	-	1	1
Gorleston ...	1024·4	+8	WNW	2	bcz₀	29	85	5	5	-	-	4-6	4-6	1500	4	2
Mildenhall ...	1025·7	+12	SSW	1	bm	25	95	4	-	-	1	0	Tr	-	4	*
Cranwell ...	1026·0	+16	W	3	bz₀	29	85	5	-	3	-	0	1	-	4	*
Birmingham ...	1026·5	+6	NNW	2	bm	30	85	4	-	-	-	0	0	-	1	*
Upper Heyford	1026·8	+10	N	2	bf+	25	95	1	-	-	-	0	0	-	4	*
Ross-on-Wye	1026·1	+6	SW	1	bcm	24	95	4	-	-	2	0	2-3	-	4	*
Portland Bill ...	1024·1	+10	E	3	d₀d₀	41	95	7	5	-	-	10	10	1500	1	3
Plymouth ...	1023·2	+6	ENE	4	0	42	95	8	5	-	-	10	10	800	1	2
The Lizard ...	1022·3	0	E	4	0	46	95	7	5	-	-	10	10	1500	1	2
Scilly (St. Mary's)	1021·6	0	SE	3	0	48	85	8	5	-	-	10	10	2500	1	1
Guernsey ...	1023·4	+8	SE'E	3	0	44	85	7	5	-	-	10	10	2500	1	3
Pembroke ...	1024·0	+4	E'N	3	c	39	85	7	5	-	-	9+	9+	2500	1	2
Holyhead ...	1025·8	+4	E'S	1	c	36	95	8	8	-	-	9	9	2500	1	1
Chester (Sealand)	1027·0	+8	-	0	bcf	28	95	3	5	-	-	4-6	4-6	4000	4	*
Manchester ...	1026·6	+12	-	0	bf	24	95	2	-	-	-	0	0	-	4	*
Spurn Head ...	1024·7	+6	NW	4	bc	34	95	7	5	7	-	2-3	4-6	2500	0	3
Catterick ...	1026·4	+12	WNW	1	b	30	75	8	-	-	-	0	0	-	4	*
Tynemouth ...	1025·1	+10	W	2	bc	31	75	6	5	-	-	4-6	4-6	1500	4	2
Inchkeith ...	1025·7	+18	NW	3	c	34	95	8	5	3	-	4-6	7-8	2500	4	2
Leuchars ...	1025·6	+8	W	1	bc	30	75	8	5	-	-	Tr	Tr	4000	4	*
Renfrew (Abbots I.)	1027·2	+14	SSW	1	b	27	85	7	-	-	-	0	0	-	4	*
Eskdalemuir ...	1027·4	+10	-	0	b	22	85	8	-	-	-	0	0	-	4	*
Point of Ayre...	1026·5	+12	NNE	4	b	38	65	8	4	-	-	1	1	2500	1	2
Tiree	1027·0	+6	N	4	c	39	55	9	5	-	-	9	9	2500	0	-
Stornoway ...	1027·4	+12	N	3	0	35	95	8	5	2	-	7-8	10	1500	6	2
Dalwhinnie ...	1026·7	+10	-	0	c	27	75	8	4	6	-	4-6	10	2500	8	*
Aberdeen ...	1023·7	+8	NW	4	b	32	85	8	9	-	-	1	1	1500	6§	2
Wick ...	1023·5	+20	NW	7	ps	33	95	7	8	7	-	7-8	9	1500	8	3
Lerwick ...	1018·4	+16	WNW	5	c/p	32	75	6	9	2	-	7-8	9+	800	8	*
Blacksod Point	1026·0	+2	E	3	b	37	85	8	-	-	-	0	0	-	4	3
Malin Head ...	1027·8	+6	N	3	c	40	65	8	4	-	-	9+	9+	2500	0	1
Aldergrove ...	1028·2	+4	-	0	b	25	95	7	5	-	1	Tr	1	2500	4	*
Birr Castle ...	1026·0	+2	ENE	1	bc	32	95	8	5	-	-	4-6	4-6	2500	4	*
Valentia Obsy. †	1021·5	-2	NE'E	5	c	44	75	8	5	3	7	4-6	10	2500	1	3
Roches Point	1023·8	-2	E	3	c	43	95	8	5	1	-	4-6	9+	1500	1	3

PAST 24 HOURS.

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

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew...	18	ofcf	bcbf	b×f	41	26	16	Tr	-	0·0	*	*	1
Croydon	217	Ffcm₀	czfbcf	bfmx	42	26	20	Tr	-	0·0	*	*	2
Greenwich (Royal Observatory)...	149	cf	cbf	bfx	40	27	19	-	Tr	0·0	76	96	2
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	41	28	*	-		0·0	77	90	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	41	28	19	-	-	0·0	73	93	*
Camden Square	110	cf	c	*	40	29	17	-	-	*	*	89	*
Kensington	80	bcf	bcz	*	41	29	17	-	-	0·0	At 18h. 93	89	*
Hampstead Observatory	450	of	ofbc	bmx	37	32	16	Tr	Tr	0·0	*	89	*

Atmospheric Pollution.

Milligrams of Solid Imparity per cubic metre.

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

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

Kew Observatory. Max.	Time.	Min.	Time.
1·9	10h 13th.	0·6	15h 13th.

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 13th January. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 14th January. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris	1023·7	NW	7	0	41	1025·1	-	0	bcz	32	41	32	0·2	Tr
Brussels	1022·4	SW	2	0	34	1024·0	WSW	1	S₀/K	30	39	27	-	-
Berlin	1013·7	SW'W	4	bc	36	1014·2	W'N	4	c	34	39	32	-	1
Zurich	1023·2	SSW	2	cz₀	46	1022·8	NW	1	0	46	50	43	1	-
Rome	1020·1	SE	3	0	55	1018·5	SW	4	0	57	*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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 15th January, 1936.
No. 27082.

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

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)	1027·1	0	-	0	F	29	95	1	-	-	-	0	0	-
	Croydon ...	1027·2	-2	-	0	F+	30	95	1	-	-	-	0	0	-
	S. Farnborough	1027·4	-2	-	0	be f	35	75	3	-	-	4	0	4-6	-
	Boscombe Down	1027·3	0	E	3	c z.	36	65	6	-	7	8	-	7-8	-
	Calshot (Sthmtn.)	1026·6	+2	NE	2	bc z.	40	65	6	5	4	2	1	4-6	4000
	Lympne ...	1027·1	+2	NNE	2	bc z.	37	75	5	-	-	2	0	4-6	-
	Manston ...	1026·9	+2	N	3	b z.	39	75	6	1	-	1	Tr	1	1500
2	Shoeburyness ...	1027·1	0	NWN	2	c	38	75	5	-	-	7	0	10	-
	Felixstowe ...	1027·1	-6	NWN	2	bc z.	37	75	6	-	-	6	0	2-3	-
	Gorleston ...	1026·2	+4	NWN	2	bc	36	85	6	8	-	-	4-6	4-6	2500
	Mildenhall ...	1027·0	-2	W'S	1	bcm	35	85	4	-	-	1	0	2-3	-
	Cranwell ...	1027·8	+2	NW	2	bc z.	34	75	5	-	5	5	0	2-3	-
3	Birmingham ...	1027·5	-6	ENE	2	b f	35	75	3	-	-	1	0	1	-
	Upper Heyford	1027·7	-2	NE	2	c z.	37	65	5	-	-	6	0	7-8	-
4	Ross-on-Wye	1027·1	+6	-	0	c f	30	95	3	-	-	6	0	7-8	-
5	Portland Bill ...	1024·8	-6	ENE	4	0	41	95	6	5	-	-	10	10	1500
	Plymouth ...	1024·5	+2	E'N	4	0	42	85	7	5	-	-	10	10	1500
	The Lizard ...	1022·9	-4	E'S	5	c	45	95	8	8	-	-	10	10	2500
	Scilly (St. Mary's)	1021·7	-2	SE'E	4	0	49	95	8	5	-	-	10	10	2500
	Guernsey ...	1023·8	-4	ESE	3	c	45	85	7	5	1	-	4-6	7-8	2500
6	Pembroke ...	1025·3	0	E	3	c	40	65	7	5	2	-	7-8	10	2500
7	Holyhead ...	1027·1	0	NE'E	3	c	41	75	9	5	-	6	7-8	9+	4000
	Chester (Sealand)	1028·3	-2	E'S	1	bc/f	36	85	4	-	-	2	0	4-6	-
8	Manchester ...	1028·2	0	-	0	F	24	95	1	5	4	-	1	2-3	4000
10	Spurn Head ...	1027·0	+4	NW	4	c	36	85	6	5	2	-	4-6	7-8	1500
	Catterick ...	1027·7	+2	NNW	2	b	36	65	7	-	3	1	0	Tr	-
	Tynemouth ...	1027·1	+8	WNW	2	c	35	75	6	8	-	-	7-8	7-8	1500
11	Inchkeith ...	1027·8	+16	NW	3	bc	36	85	7	4	-	-	2-3	2-3	2500
	Leuchars ...	1027·9	+8	NW	2	bc	36	65	8	7	-	-	4-6	4-6	4000
12	Renfrew (Abbotsl.)	1029·0	+6	W'SW	1	c z.	35	75	5	5	-	1	7-8	7-8	5700
	Eskdalemuir ...	1028·2	+2	NNW	3	b	34	55	8	-	-	1	0	1	-
	Point of Ayre...	1028·6	+8	E'N	2	bc	38	55	8	1	-	7	1	4-6	2500
13A	Tiree ...	1028·9	+6	N	3	c	39	55	9	5	-	-	9+	9+	2500
13B	Stornoway ...	1029·1	+8	N	2	0	35	95	8	5	7	-	10	10	1500
15	Dalwhinnie ...	1028·6	+8	NW	2	c	31	95	8	4	6	-	4-6	9	2500
	Aberdeen ...	1026·4	+16	NW	5	c/ps	34	85	7	8	-	-	9+	9+	1500
	Wick ...	1026·0	+10	NW	5	c/ps	35	75	7	8	6	-	7-8	9	1500
16	Lerwick ...	1022·3	+12	NNW	6	c/ps	32	85	7	9	2	-	7-8	10	800
17	Blacksod Point	1027·4	-10	E	4	bc	38	85	8	1	-	3	Tr	4-6	2500
18	Malin Head ...	1028·9	-4	NE'E	3	c	40	65	8	5	-	-	9+	9+	4000
	Aldergrove ...	1028·9	-2	-	0	bc	34	85	6	5	-	6	1	4-6	2500
19	Birr Castle ...	1027·1	0	ENE	1	c	35	85	8	5	-	-	7-8	7-8	2500
20	Valentia Obsy. †	1022·3	+6	E'N	5	c	46	75	8	5	-	8	9	10	1500
	Roches Point	1024·3	-4	E'S	4	c	44	75	8	5	-	-	10	10	1500

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

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)	1027·7	+6	NNE	1	F+	29	95	0	5	-	-	10	10	<150	4	*
	Croydon ...	1027·0	+2	E'N	2	c f	31	85	3	-	-	2	0	7-8	—	1	*
	S. Farnborough	1027·4	+2	NE	1	f	30	95	3	5	-	-	10	10	<150	4	*
	Boscombe Down	1027·0	+6	ENE	3	c z.	33	75	5	-	2	8	0	7-8	-	1	*
	Calshot (Sthmtn.)	1026·3	+6	NE'E	2	c z.	38	75	5	-	7	6	0	9	-	1	2
	Lympne ...	1027·3	+2	N	2	bc z.	33	85	5	-	-	8	0	4-6	-	1	1
	Manston ...	10269	0	N	2	b z.	33	75	5	1	-	-	Tr	Tr	1500	1	*
2	Shoeburyness ...	1027·1	+2	NWN	1	b	31	95	5	-	-	-	0	0	-	4	*
	Felixstowe ...	1027·5	+6	NNW	2	b m	31	85	4	-	-	-	0	0	-	1	1
	Gorleston ...	1026·5	+2	W	2	c	33	95	6	5	-	-	9	9	2500	1	2
	Mildenhall ...	1027·4	+4	-	0	f	29	95	3	-	-	-	0	0	-	4	*
	Cranwell ...	1027·5	+2	NW	2	bc z.	29	85	5	-	4	1	0	2-3	-	4	*
3	Birmingham ...	1027·8	+2	E	2	f/rs	33	65	3	-	-	-	0	0	-	4	*
	Upper Heyford	1027·9	+4	NE'E	2	bc z.	30	85	5	-	-	8	0	4-6	-	1	*
4	Ross-on-Wye	1027·4	-4	-	0	f	28	95	2	-	-	-	0	0	-	4	*
5	Portland Bill ...	1024·7	-4	E	5	0	42	85	6	5	-	-	10	10	1500	1	3
	Plymouth ...	1023·7	0	E'N	4	0 z.	42	95	6	5	5-	-	10	10	800	1	1
	The Lizard ...	1022·2	+2	ESE	5	c	45	85	8	8	2	-	7-8	10	2500	1	3
	Scilly (St. Mary's)	1021·0	-4	SE'E	5	c	47	85	7	5	2	-	7-8	10	2500	1	3
	Guernsey ...	1023·6	0	E	3	0	43	75	6	5	-	-	10	10	2500	1	2
6	Pembroke ...	1024·7	-2	E'S	4	0	39	75	7	5	-	-	10	10	2500	1	3
7	Holyhead ...	1026·9	+2	ENE	4	bc	38	85	7	5	6	8	2-3	2-3	4000	1	2
	Chester (Sealand)	1028·2	+4	ESE	1	m	30	75	4	-	-	8	0	7-8	-	4	*
8	Manchester ...	1028·3	+4	NE	2	m/f	29	85	4	-	-	1	0	4-6	-	4	*
10	Spurn Head ...	10269	0	NW	4	c	36	85	6	5	2	-	4-6	10	1500	0	3
	Catterick ...	1028·0	+4	NW	2	bc	31	85	7	3	-	-	2-3	2-3	5700	4	*
	Tynemouth ...	1026·3	-6	W	2	bc	34	95	6	2	-	-	4-6	4-6	2500	4	2
11	Inchkeith ...	10289	+8	NW	2	bc	36	85	8	5	4	-	4-6	4-6	2500	4	1
	Leuchars ...	1028·3	+4	NW	1	c	33	85	8	4	-	-	7-8	7-8	4000	4	*
12	Renfrew (Abbotsl.)	1028·8	+2	NEN	1	b m	30	85	4	5	-	-	1	1	4000	4	*
	Eskdalemuir ...	1028·9	+2	N	1	b	25	75	7	-	-	-	0	0	-	1	*
	Point of Ayre...	1028·3	-2	E N	3	bc	37	55	8	1	-	7	2-3	2-3	2500	4	1
13A	Tiree ...	1028·2	-4	NNE	3	c	39	55	9	5	7	-	9	9+	2500	0	2
13B	Stornoway ...	1028·7	0	-	0	c	35	85	8	5	7	-	7-8	10	1500	6	1
15	Dalwhinnie ...	1028·3	+2	NW	1	c	29	95	8	4	6	-	4-6	10	2500	8	*
	Aberdeen ...	10268	0	NNW	4	c	35	75	7	5	-	-	10	10	2500	8	2
	Wick ...	1026·6	+2	NW	3	c	34	85	7	5	2	-	9	10	1500	8	2
16	Lerwick ...	10227	0	NNW	6	c/ps	33	85	8	9	2	-	4-6	7-8	800	8	*
17	Blacksod Point	1026·6	-12	E	4	c	36	75	8	-	-	3	0	7-8	-	4	4
18	Malin Head ...	1027·7	-4	ENE	3	c	40	75	7	5	-	-	9+	9+	4000	0	1
	Aldergrove ...	1028·4	-2	E	1	b	29	75	7	5	-	1	Tr	1	4000	1	*
19	Birr Castle ...	1026·2	+2	ENE	1	c	34	85	8	5	-	-	10	10	2500	4	*
20	Valentia Obsy. †	1021·2	-2	ENE	5	c	45	75	8	6	-	-	10	10	1500	1	2
	Roches Point	1023·7	-2	E'S	5	ir.	43	75	8	6	2	-	4-6	9+	1500	1	3

PAST 24 HOURS.

Stations.	Weather. 7h.—13h. 14th. (37)	13h.—18h. 14th. (38)	18h. 14th to 1h. 15th. (39)	1h.—7h. 15th. (40)
London (Kew)	bfxofx	ofx	obfx	bfx
Croydon	bmffx	becff	bfx	fxcmx
S. Farnborough	bfxbef	bef ofx	offx	ofbfx
Boscombe Down	bccm.	cz.	cm.	cmx
Calshot (Sthmtn.)	c cm.	cm.	cmbcm	bcmc
Lympne	bcm	bcm.	bbcbmx	bccmx
Manston	bmxbm.	m.bbc	bmbcx	bxbcc
Shoeburyness	bc cz.	cmbm.	bmx	bbcx
Felixstowe	bmbz.	bczbmx	bmx	bccmx
Gorleston	bcps.z	bccz.	czps.	czz.
Mildenhall	bmx	bcmx	bfxbmx	bbccmx
Cranwell	bbcxb	bbcz.	bmx	bm.mx
Birmingham	bmf	bfmfx	bfm	bmcm
Upper Heyford	bfbcff	bcm.cbc	bcxbbc	bcxm.
Ross-on-Wye	bmxcm	cffbc	bfx	bfx
Portland Bill	oz.	oz.	oc	c
Plymouth	cir.c	cm.	cm.c	c
The Lizard	ompre	c	c	c
Scilly (St. Mary's)	c	c	c	c
Guernsey	occ	co	cbbc	bc
Pembroke	cm.	c,o	omc	cqmc.
Holyhead	cjp	c,bc	bcbm.	cm.
Chester (Sealand)	bccfx	cmx	cmbfx	bfx
Manchester	bbcFF	bcFff	ffx	bffx
Spurn Head	bcxc	c	cbc	c
Catterick	bxb	bbc	bx	bxbcx
Tynemouth	bcc	cbc	bco	oc
Inchkeith	cbc	bc	bc	bc
Leuchars	bbcx	bcx	bcbx	bbcx
Renfrew (Abbotsl.)	bbccx	cx z.bcbbzmbcxbcbxm		
Eskdalemuir	bxby	bybx	bc	bx
Point of Ayre	bc	bc	bcbc	bcc
Tiree	c	c	c	c
Stornoway	c	c	c	c
Dalwhinnie	c	c	c	1soc
Aberdeen	becps	czo	oz.c.	cbc
Wick	cps9	c	cps.c	c
Lerwick	cpshq	cps.h	cirs	bc
Blacksod Point	bc	bc	bc	bc
Malin Head	c	c	c	c
Aldergrove	bmc	bcc⊕b	bcx◐	bcxc◐
Birr Castle	bcc	c	c	cox
Valentia Obsy.	c	c.	circ	c
Roches Point	cpr.c	ccir.	irr.	or.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

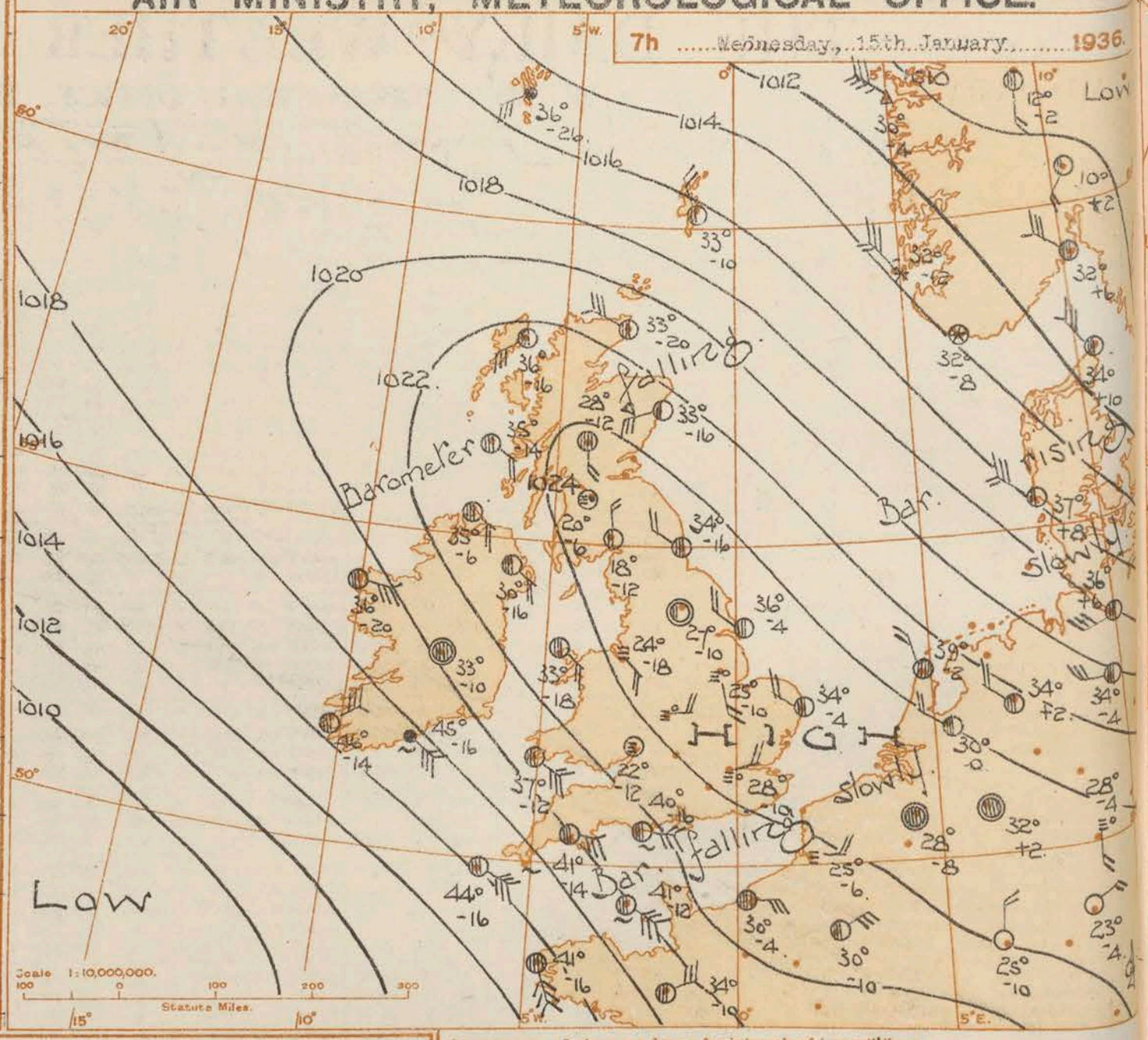
† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 14th January 1936.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	mb	bbem	23	37	–	–	3·7
	Bournemouth	o	o	38	39	0·5	–	0·0
	Ventnor ...	oz	oz	37	40	–	–	0·0
	Southsea ...	cc	oof	34	41	–	–	0·0
	Bognor Regis	cc	bcbc	33	40	–	–	1·5
	Littlehampton	bc	bc	32	41	–	–	1·4
	Worthing ...	c	cbcc	33	39	–	–	1·0
	Brighton ...	cbc	bcbc	32	40	–	–	1·1
	Eastbourne†	mbc	bcbm	30	39	–	–	1·8
	Hastings† ...	bb	bbcc	30	40	–	–	4·4
	Folkestone ...	bxmb	bbc	31	40	–	–	4·8
	Dover... ...	fb	fbf	32	38	–	–	5·8
	Deal	fcbc	fbcc	31	39	–	–	3·4
	Ramsgate ...	bcm	bcm	33	40	Trace	–	4·7
	Margate ...	bc	bc	36	41	–	–	5·5
2	Southend ...	bfm	bmf	30	38	Trace	–	5·1
	Maldon ...	xmb	b	28	38	–	–	4·7
	Clacton-on-Sea	bcmxb	bbcm	28	38	–	–	5·4
	Dovercourt ...	xbm	bcmx	28	37	–	–	5·1
	Lowestoft ...	b	b	27	42	–	–	2·9
	Skegness ...	xbcm	bccm	25	39	–	Trace	4·5
	Mablethorpe	bcmxb	bcc	27	34	–	–	3·5
	Cleethorpes ...	bcfx	bcm	28	37	–	–	1·2
3	Leamington S.	fbc	bcf	22	28	–	–	5·0
4	Cheltenham†	fbcxc	cfbc	23	33	–	–	0·5
5	Bath	cbc	cc	33	37	0·5	–	0·1
	Weymouth ...	mc	c	38	40	1	–	0·0
	Jersey ...	dc	c	43	45	0·2	–	0·2
	Torquay ...	o	oz.	40	43	5	–	0·0
	Penzance ...	odo	o	46	47	Trace	Trace	0·0
	St. Ives ...	c	c	45	46	–	–	0·0
	Bude	c	c	39	45	Trace	–	0·0
	Ilfracombe ...	c	c	39	42	1	–	0·0
6	Aberystwyth	xzcbc	bcc	30	40	–	–	3·5
7	Llandudno ...	cbc	bcc	30	41	Trace	–	3·3
	Colwyn Bay...	cbcbc	bcbcc	32	42	–	–	3·7
	Rhyl	xcbc	bcc	28	41	–	–	3·2
8	Wallasey ...	xfc	cof	31	35	–	–	0·0
	Southport‖ ...	fmb	bccm	27	32	–	–	0·3
	Blackpool ...	mc	bcc	27	35	–	–	3·5
	Morecambe ...	xbcb	bbcm	27	43	–	–	3·2
9	Ilkley... ...	b	b	23	40	–	–	6·3
	Harrogate ...	b	b	27	35	–	–	5·6
10	Berwick-on-T.	bc	bcc	29	37	–	–	6·1
11	Dunbar ..	bcx	bc	30	37	–	–	5·6
12	Troon... ...	xbfbb	bbcbc	27	38	–	–	5·2
	Douglas ...	bcxcb	cbbcx	31	43	Trace	–	1·9

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 1/10 to 9/10 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. 15th January, 1936.
1 S.E. England 2 E. England ...	Light or moderate east wind; mainly cloudy; local fog, soon clearing; cold, but less frost.
3 E. Midlands ... 4 W. Midlands ...	Light variable to east wind; mainly cloudy; local fog, mostly becoming slight; cold, but less frost.
5 S.W. England 6 South Wales ...	Fresh or strong east to southeast wind; cloudy or dull, slight local rain, perhaps more general rain later; rather cold, becoming milder tomorrow.
7 North Wales ...	As 1.
8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Light variable wind; fair; local fog; cold, severe frost at most places.
13 A. W. Scotl. B. N.W. Scotland.	Light southerly wind; mainly cloudy; rather cold, frost locally inland.
14 Mid Scotland 15 N. E. Scotland	As 8 - 12
16 Orkneys and Shetlands	Light or moderate west wind; cloudy, occasional rain or sleet in Shetland; less cold.
17 N. W. Ireland 18 N. E. Ireland	Light or moderate east or southeast wind; cloudy; cold but less frost.
19 S. E. Ireland 20 S. W. Ireland	As 5 - 6.

GENERAL INFERENCE.

An anticyclone over England is moving southeast and decreasing in intensity and a depression is spreading from Southwest. Rain is probable in the Southwest, and cloud will increase in all Southern and Western districts, with less frost and a dispersal of fog.

FURTHER OUTLOOK.

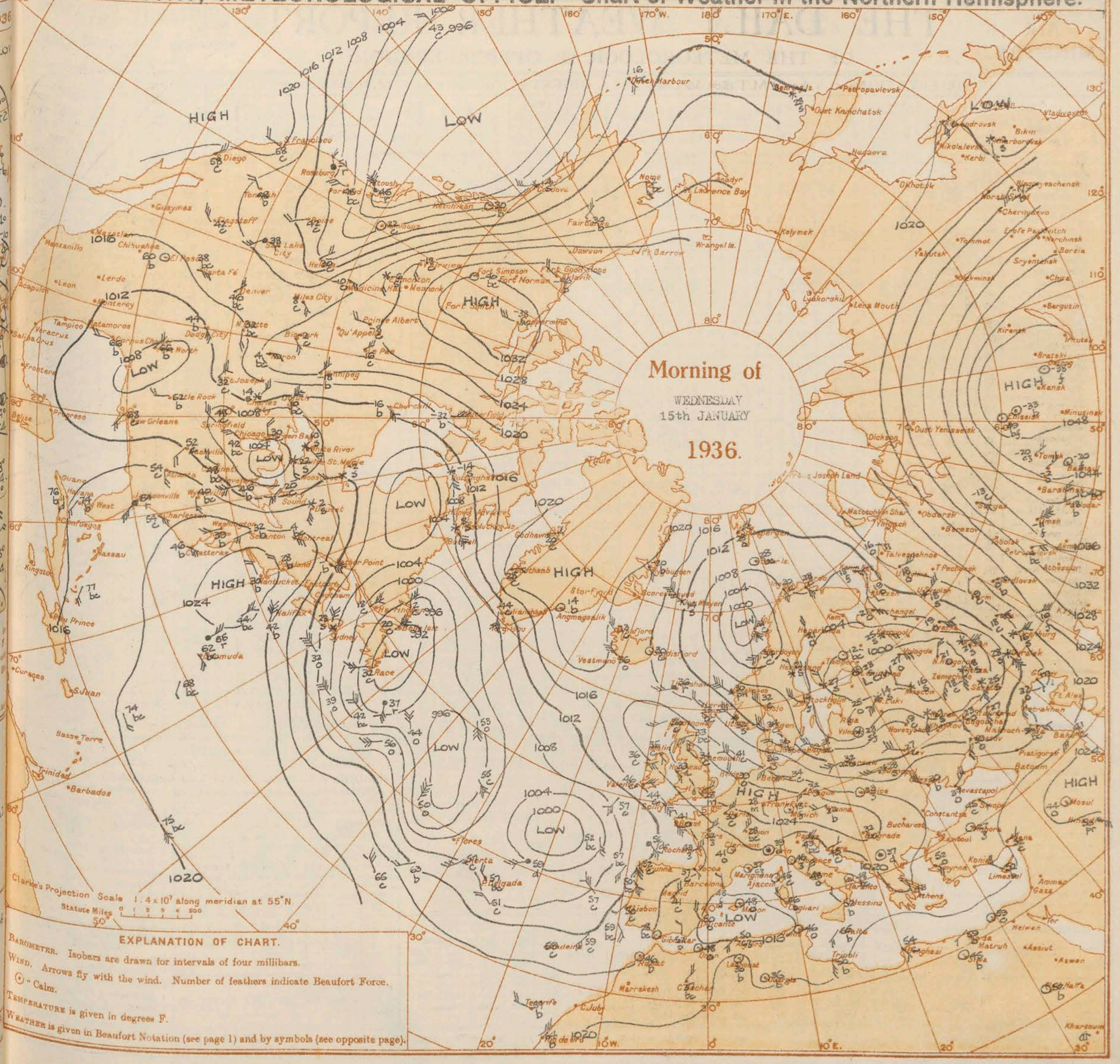
Milder in the Southwest with some rain, spreading slowly; mainly cloudy and less cold generally.

Forecasts issued at 1000 G. M. T.

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

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

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 15th January 1936.
No. 27082.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1026·5	-1·2	SE	1	bf	24	95	3	-	-	-	9	9	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1026·5	-1·0	NNE	3	bcz₀	33	75	6	1	1	-	Tr	2-3	4000
	Manston ...	142	1026·8	-1·0	N	2	bc	33	75	7	5	-	8	Tr	4-6	4000
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1026·2	-·6	WN	2	0	35	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	1023·6	-1·0	E	4	c	41	85	7	5	-	-	7-8	7-8	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1020·9	-·6	E	6	c	44	75	6	5	1	-	7-8	9	1500
	Scilly (St Mary's)	163	1019·8	-·8	SEE	5	c	45	85	6	5	-	-	7-8	7-8	2500
	Guernsey ..	175	1023·4	-·2	ESE	4	bc	41	75	6	-	1	-	0	4-6	-
6	Pembroke ...	142	1023·3	-·8	ESE	4	bc	39	75	6	5	2	-	4-6	4-6	2500
7	Holyhead ...	26	1025·0	-1·0	E	3	c	36	75	6	5	-	6	2-3	9	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1026·4	-·2	NW	3	c	35	95	6	5	2	-	4-6	7-8	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1027·1	-·4	W	2	0	33	95	6	5	-	-	10	10	1500
11	Inchkeith ...	190	1027·3	-·2	S	3	bc	31	95	7	5	-	-	4-6	4-6	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1026·9	-·8	SE'S	3	bc	35	65	8	1	7	-	1	4-6	4000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1025·7	-·8	WSW	3	c	35	85	8	5	2	-	7-8	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1024·1	-1·6	W	3	c	33	85	8	5	2	-	9	10	1500
16	Lerwick ...	156	1018·9	-1·6	NW	4	bc	36	85	8	8	-	-	4-6	4-6	1500
17	Blacksod Point	18	1023·6	-1·6	E	4	c	37	85	8	-	-	3	0	7-8	-
18	Malin Head ...	52	1025·4	-·4	S	1	c	34	95	7	5	-	-	9+	9+	4000
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1019·7	-·6	ENE	4	ir₀	43	95	7	8	-	-	7-8	7-8	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)
1	London (Kew)	1024·1	-1·0	-	0	bF	23	95	0	-	-	-	0	0	-	4	*
	Croydon ...	1024·2	-1·0	E'N	2	cm	28	95	4	-	-	6	0	7-8	-	1	*
	S. Farnborough	1023·9	-1·2	-	0	bf	26	95	3	-	3	-	0	Tr	-	4	*
	Boscombe Down	1023·3	-1·2	ENE	3	cz₀	28	95	5	-	3	-	0	7-8	-	4	*
	Calshot (Sthmtn.)	1022·1	-·8	NE	3	c	35	85	7	5	-	-	7-8	7-8	4000	1	§2
	Lympne ...	1024·6	-·8	NE	2	oz₀	33	85	6	5	2	-	9	10	4000	1	1
	Manston ...	1024·3	-1·0	N	2	bc	38	85	7	5	-	-	10	10	1500	1	*
2	Shoeburyness ...	1024·5	-1·2	NW	1	cm	28	95	4	-	7	-	0	7-8	-	4	*
	Felixstowe ...	1024·8	-·8	NNW	2	cm	31	95	4	5	7	-	4-6	9	2500	1	1
	Gorleston ...	1024·9	-·4	WNW	1	c	34	95	6	5	-	-	9+	9+	2500	1	2
	Mildenhall ...	1025·0	-·8	-	0	cm	22	95	4	5	3	-	7-8	9+	2500	4	*
	Cranwell ...	1025·0	-1·0	W	1	bm	25	85	4	-	4	-	0	Tr	-	4	*
3	Birmingham ...	1024·5	-1·2	E	2	cm	28	85	4	-	-	6	0	7-8	-	4	*
	Upper Heyford	1024·4	-1·6	NE	2	cz₀	26	95	4	5	4	8	2-3	7-8	2500	1	*
4	Ross-on-Wye	1023·9	-1·2	-	0	bcf	22	95	3	-	-	8	-	2-3	-	4	*
5	Portland Bill ...	1020·5	-1·6	E	5	c	40	95	7	5	-	-	10	10	1500	1	4
	Plymouth ...	1019·3	-1·4	E	4	c	41	85	8	5	1	-	4-6	10	1500	1	2
	The Lizard ...	1016·7	-·6	E'S	7	c	43	75	7	5	1	-	7-8	10	1500	1	4
	Scilly (St Mary's)	1015·4	-1·6	SE'E	6	0	44	85	6	8	1	-	7-8	10	2500	1	3
	Guernsey ..	1020·2	-1·2	E'S	5	0	41	55	7	5	1	-	4-6	10	2500	1	4
6	Pembroke ...	1020·3	-1·2	ESE	5	c	37	75	6	5	6	-	4-6	9	2500	1	3
7	Holyhead ...	1022·2	-1·8	SE'E	2	c	33	85	6	-	-	7	0	9+	-	1	2
	Chester (Sealand)	1024·6	-1·8	ESE	2	bf	24	95	2	-	-	-	0	0	-	4	*
8	Manchester ...	1024·8	-1·4	SE'E	1	bf	25	95	2	-	-	-	0	0	-	4	*
10	Spurn Head ...	1024·6	-·4	NW'W	2	c	36	95	6	5	2	-	4-6	9+	1500	0	1
	Catterick ...	1024·9	-1·0	-	0	bc	27	95	7	5	6	-	4-6	4-6	4000	4	*
	Tynemouth ...	1024·7	-1·6	WNW	2	c	34	85	7	9	-	-	7-8	7-8	1500	4	2
11	Inchkeith ...	1025·1	-1·6	W	2	bc	29	95	6	5	3	-	2-3	2-3	1500	4	1
	Leuchars ...	1024·7	-1·6	WSW	2	c	29	85	8	5	2	-	4-6	7-8	4000	4	*
12	Renfrew (Abbots I.)	1025·3	-·6	-	0	bcm	20	95	4	-	-	1	0	2-3	-	4	*
	Eskdalemuir ...	1025·6	-1·2	N'W	2	bc	18	85	8	-	-	1	0	2-3	-	4	*
	Point of Ayre...	1023·3	-1·4	SSE	4	bc	35	75	8	1	1	-	1	4-6	4000	4	2
13A	Tiree	1023·5	-1·4	ESE	2	c	35	65	8	5	-	-	9+	9+	2500	0	2
13B	Stornoway ...	1022·0	-1·6	SW	3	c	36	85	8	5	2	-	7-8	9+	1500	1	2
15	Dalwhinnie ...	1025·0	-1·2	S	1	0	28	95	7	5	-	-	10	10	2500	8	*
	Aberdeen ...	1022·0	-1·6	WSW	3	bc	33	75	8	5	-	-	4-6	4-6	4000	8	1
	Wick ...	1020·3	-2·0	WNW	3	c	33	95	8	5	6	-	4-6	7-8	1500	8	2
16	Lerwick ...	1017·4	-1·0	NNW	2	bc	33	85	8	5	-	-	2-3	2-3	1500	8	*
17	Blacksod Point	1018·7	-2·0	E	4	c	36	85	7	-	2	-	0	10	-	4	3
18	Malin Head ...	1023·2	-·6	SE	1	c	35	75	7	5	-	-	9+	9+	4000	4	1
	Aldergrove ...	1023·0	-1·6	E'S	2	c	30	75	7	5	-	8	7-8	10	4000	4	*
19	Birr Castle ...	1020·4	-1·0	-	0	0	33	95	7	5	-	-	10	10	2500	4	*
20	Valentia Obsy. †	1016·2	-1·4	E'N	4	0	46	75	7	5	7	-	7-8	10	1500	1	3
	Roches Point	1018·0	-1·6	ESE	5	rr₀	45	85	7	6	2	-	4-6	10	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 14th Hrs. (36)
1	London (Kew)	31	23	15	Tr	0·2	0·0
	Croydon ...	33	24	16	Tr	-	0·0
	S. Farnborough	35	23	18	-	Tr	0·4
	Boscombe Down	37	27	25	-	-	0·6
	Calshot (Sthmtn.)	41	33	31	-	-	0·0
	Lympne ...	38	30	26	Tr	-	4·4
	Manston ...	40	32	24	-	-	5·5
2	Shoeburyness ...	38	26	17	-	-	5·1
	Felixstowe ...	37	28	21	-	-	5·9
	Gorleston ...	40	32	32	Tr	0·1	1·6
	Mildenhall ...	36	22	18	-	-	2·0
	Cranwell ...	34	25	22	-	-	6·1
3	Birmingham ...	35	27	21	-	-	0·0
	Upper Heyford	38	26	20	-	-	*
4	Ross-on-Wye	31	22	11	-	-	2·1
5	Portland Bill ...	43	38	*	Tr	-	*
	Plymouth ...	42	41	37	Tr	-	0·0
	The Lizard ...	47	43	*	1	-	*
	Scilly (St Mary's)	50	44	*	-	-	0·0
	Guernsey ..	49	40	35	-	-	0·3
6	Pembroke ...	41	36	*	-	-	0·0
7	Holyhead ...	42	33	28	-	-	0·7
	Chester (Sealand)	38	23	20	-	-	1·1
8	Manchester ...	29	22	13	-	-	0·0
10	Spurn Head ...	38	33	*	-	-	2·1
	Catterick ...	36	27	20	-	-	6·5
	Tynemouth ...	36	32	29	-	-	3·3
11	Inchkeith ...	38	29	25	-	-	5·6
	Leuchars ...	37	25	19	-	-	4·5
12	Renfrew (Abbots I.)	35	19	14	-	-	2·2
	Eskdalemuir ...	(34)	17	14	-	-	6·2
	Point of Ayre...	39	34	-	-	-	4·1
13A	Tiree	40	34	32	-	-	0·0
13B	Stornoway ...	36	34	*	-	-	0·0
15	Dalwhinnie ...	31	26	23	-	0·1	0·7
	Aberdeen ...	35	33	29	0·3	-	1·3
	Wick ...	36	30	*	0·2	Tr	*
16	Lerwick ...	33	32	*	0·1	1	0·0
17	Blacksod Point	41	33	*	-	-	*
18	Malin Head ...	40	31	*	-	-	0·0
	Aldergrove ...	36	25	21	-	-	1·2
19	Birr Castle ...	35	33	30	-	-	0·3
20	Valentia Obsy. †	46	44	42	-	Tr	0·0
	Roches Point	44	41	*	0·1	3	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon (24 hrs. ended 9h.)	Weather Night (24 hrs. ended 9h.)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T % (Yesterday)	Humidity 9h. G.M.T % (To-day)	Visibility 9h. (To-day)
Kew ...	18	bfxoFx	oFx	obfx	31	23	15	Tr	0·2	0·0	*	*	1
Croydon ...	217	bmffx	bccff	bfxcm	33	24	16	Tr	-	0·0	*	*	4
Greenwich (Royal Observatory) ...	149	bf	bfm	bmefx	37	25	17	-	Tr	1·1	69	84	3
City (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	0·7	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	38	30	24	-		0·2	79	95	*
Regents Pk. (Botanic Gardens)‡ ...	168	*	*	*	38	27	20	-	-	1·1	75	85	*
Camden Square ...	110	xb	b	*	39	27	16	-	-	*	*	92	*
Kensington ...	80	cf	bz	*	37	29	17	-	-	0·0	At 18h. 87	88	*
Hampstead Observatory ...	450	cm	bc	bcmx	37	29	16	Tr	Tr	3·9	*	91	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
Defective.			

Kew Observatory.

Max.	Time.	Min.	Time.
Defective			

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 14th January Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 15th January Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris ...	1025·9	NE	2	of	32	1023·1	NE	3	c	30	37	30	-	-
Brussels ...	1036·4	SW	1	of	30	1024·4	-	0	0	28	32	25	-	-
Berlin ...	1014·5	W	4	0	37	1016·9	W'N	4	c/s	34	37	34	0·5	Tr
Zürich ...	1025·2	NNE	2	0	36	1022·8	NNW	2	0	30	46	30	-	-
Rome ...	1017·3	NW	2	0	54	1016·9	NE	3	0	48	*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

		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 16th January 1938
No. 27083.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. °F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1020·9	-24	ESE	2	f	35	95	2	5	-	-	9+	9+	4000
	Croydon ...	1020·9	-26	ENE	1	f	34	95	2	5	-	-	9+	9+	4000
	S. Farnborough	1020·6	-26	E	2	f	34	85	3	5	3	-	2-3	4-6	4000
	Boscombe Down	1020·2	-26	E	3	c z₀	33	85	5	5	1	-	4-6	10	4000
	Calshot (Sthmtn.)	1019·6	-22	E'S	5	c	41	65	8	5	1	-	4-6	9	4000
	Lympne ...	1021·9	-22	SE	4	c	39	55	7	5	3	-	1	9	4000
	Manston ...	1021·6	-16	SSE	2	c	39	65	7	5	-	-	9+	9+	4000
2	Shoeburyness ...	1021·7	-20	SE'E	1	c	38	85	5	5	-	-	10	10	2500
	Felixstowe ...	1021·8	-22	ESE	3	c/r	39	75	7	5	1	-	9	10	2500
	Gorleston ...	1022·4	-16	NNE	2	c	39	75	6	5	-	-	9+	9+	2500
	Mildenhall ...	1022·2	-20	-	0	c z₀	34	85	5	5	3	-	7-8	9	5700
	Cranwell ...	1022·5	-18	-	0	f	34	75	3	5	3	-	4-6	9+	4000
3	Birmingham ...	1021·3	-18	SE	3	f	34	75	3	-	-	-	0	?	-
4	Upper Heyford	1021·7	-22	ENE	2	c z₀	34	75	5	5	7	8	2-3	7-8	4000
	Ross-on-Wye	1020·3	-20	ENE	1	f	31	85	3	5	-	8	7-8	7-8	4000
5	Portland Bill ...	1017·2	-24	ESE	5	c	42	85	7	4	4	-	7-8	9+	2500
	Plymouth ...	1016·3	-22	ESE	4	c	42	75	8	5	2	-	Tr	10	2500
	The Lizard ...	1014·2	-14	E'S	7	c	44	55	8	4	1	-	7-8	9+	2500
	Scilly (St. Mary's)	1013·4	-8	SE	5	c	45	65	7	5	1	-	4-6	10	2500
	Guernsey ...	1016·9	-24	ESE	4	c	38	75	6	-	1	-	0	10	-
6	Pembroke ...	1016·7	-16	ESE	4	c	39	75	6	5	-	-	9	9	2500
7	Holyhead ...	1019·5	-16	SE'S	1	c	37	75	6	-	-	7	0	9+	-
	Chester (Sealand)	1021·6	-20	SE	1	f	33	75	2	-	-	7	0	10	-
8	Manchester ...	1021·8	-18	ESE	3	f	34	75	3	-	-	8	0	9	-
10	Spurn Head ...	1022·3	-6	NNW	2	c z₀	38	85	5	5	2	-	4-6	10	800
	Catterick ...	1021·7	-22	-	0	c z₀	34	85	6	-	-	2	0	7-8	-
	Tynemouth ...	1022·1	-20	W	1	c m	34	95	4	5	-	-	7-8	7-8	1500
11	Inchkeith ...	1022·2	-20	SW	2	c z₀	31	85	6	5	-	2	4-6	7-8	1500
12	Leuchars ...	1021·4	-16	SW	1	bc	32	75	8	7	-	8	2-3	2-3	4000
	Renfrew (Abbots I.)	1021·3	-24	-	0	f	22	95	3	-	-	9	0	7-8	-
	Eskdalemuir ...	1021·3	-22	-	0	c	29	85	8	-	-	6	0	9	-
	Point of Ayre ...	1020·1	-24	SW	5	c z₀	37	65	6	-	1	-	0	9	-
13A	Tiree ...	1020·2	-22	E'S	1	c	35	65	8	5	-	-	9+	9+	2500
13B	Stornoway ...	1018·9	-16	SW	3	c	37	85	8	5	7	-	7-8	10	1500
15	Dalwhinnie ...	1020·8	-24	SW	1	c	30	95	8	5	-	-	10	10	2500
	Aberdeen ...	1019·2	-14	WSW	3	c	38	vS5	8	5	-	8	2-3	7-8	4000
16	Wick ...	1017·6	-18	W	3	c	34	95	8	5	7	-	4-6	9+	2500
	Lerwick ...	1013·6	-24	SSW	3	c	37	75	8	5	7	-	4-6	9+	1500
17	Blacksod Point	1017·1	-18	E	3	ir₀	37	95	6	6	-	-	10	10	800
18	Malin Head ...	1019·2	-26	S	2	c z₀	35	85	6	5	-	8	4-6	10	4000
	Aldergrove ...	1019·8	-20	E'N	2	o m	34	75	4	5	-	-	10	10	1500
19	Birr Castle ...	1017·9	-14	SE	1	o	37	95	7	5	-	-	10	10	2500
20	Valentia Obsy. †	1013·9	-18	ESE	5	c	45	75	8	5	2	-	7-8	10	1500
	Roches Point	1016·0	-12	ESE	4	rr	42	95	6	6	2	-	7-8	10	800

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. °F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount Low 0–10 (26)	Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1018·2	-14	ESE	2	f	34	75	3	-	-	-	0	0	-	4	*
	Croydon ...	1017·9	-14	SE'E	3	c z₀	33	76	6	-	-	8	0	7-8	-	4	*
	S. Farnborough	1017·6	-12	E	2	bcm	33	85	4	-	-	8	0	2-3	-	4	*
	Boscombe Down	1016·8	-18	E	3	bc z₀	33	85	5	5	1	-	1	2-3	4000	1	*
	Calshot (Sthmtn.)	1016·4	-16	E	6	c	41	75	8	5	-	6	2-3	9	2500	1	4
	Lympne ...	1019·4	-14	ESE	4	bc	35	65	6	5	-	6	2-3	7-8	2500	1	§3
	Manston ...	1019·0	-8	SE	4	c	37	65	8	5	-	-	7-8	7-8	4000	1	*
2	Shoeburyness ...	1019·1	-12	SE	3	bc	38	55	7	5	1	-	2-3	4-6	2500	0	*
	Felixstowe ...	1019·4	-14	SE	4	c	40	55	7	5	-	-	10	10	4000	1	2
	Gorleston ...	1019·7	-10	E	3	c	39	85	7	5	-	-	9+	9+	2500	1	2
	Mildenhall ...	1018·9	-20	SE'S	1	o z₀	34	95	5	5	-	-	10	10	4000	1	*
	Cranwell ...	1019·2	-10	-	0	f	30	95	3	5	-	8	4-6	7-8	4000	4	*
3	Birmingham ...	1018·0	-18	ESE	3	c	33	75	5	-	7	1	0	10	-	4	*
4	Upper Heyford	1018·2	-14	ENE	2	f	32	95	3	5	7	-	7-8	9	4000	1	*
	Ross-on-Wye	1016·9	-12	E	2	om	32	85	4	5	-	-	10	10	1500	4	*
5	Portland Bill ...	1013·8	-16	SE	6	bc	41	75	7	4	-	-	4-6	4-6	2500	1	5
	Plymouth ...	1016·5	-18	E'S	3	c	41	75	8	5	2	-	2-3	10	2500	1	2
	The Lizard ...	1010·7	-16	ESE	6	c	42	85	8	8	2	-	7-8	10	2500	1	4
	Scilly (St. Mary's)	1009·6	-14	SE	5	c	44	85	6	8	-	-	10	10	2500	1	3
	Guernsey ...	1013·4	-18	E	4	c	39	75	6	-	1	-	0	10	-	1	3
6	Pembroke ...	1012·8	-16	E'S	5	c q	38	75	6	5	2	-	4-6	10	2500	1	3
7	Holyhead ...	1015·9	-18	E	2	c	37	75	6	-	2	8	0	10	-	1	1
	Chester (Sealand)	1017·8	-20	SE'E	2	f	31	85	2	-	-	-	10	10	1150	4	*
8	Manchester ...	1018·0	-16	SE'E	2	f	33	85	3	5	-	-	10	10	5700	4	*
10	Spurn Head ...	1019·2	-10	SE	1	c	36	95	7	5	2	-	4-6	9	1500	0	1
	Catterick ...	1018·5	-14	-	0	bc z₀	29	95	5	-	-	8	0	4-6	-	4	*
	Tynemouth ...	1018·7	-16	SW	1	cm	33	85	4	5	-	-	7-8	7-8	1500	4	2
11	Inchkeith ...	1018·0	-24	SW	2	bc z₀	30	95	5	5	-	-	4-6	4-6	800	4	1
12	Leuchars ...	1017·5	-18	WSW	1	bc	25	95	7	-	7	2	0	4-6	-	4	*
	Renfrew (Abbots I.)	1017·3	-22	-	0	f	25	95	3	5	-	-	10	10	1500	0	*
	Eskdalemuir ...	1018·5	-14	-	0	bc	20	85	6	-	-	8	0	7-8	-	4	*
	Point of Ayre ...	1016·2	-16	SSW	2	c	35	75	7	4	1	-	2-3	7-8	2500	4	2
13A	Tiree ...	1016·3	-20	E'S	1	c	34	75	8	5	-	-	9+	9+	2500	0	1
13B	Stornoway ...	1014·1	-14	SW	4	c	36	75	8	5	7	7	2-3	10	1500	1	2
15	Dalwhinnie ...	?	-18	S	2	c	26	85	8	5	-	-	10	10	2500	8	*
	Aberdeen ...	1015·8	-20	WSW	2	c z₀	32	75	5	5	-	-	7-8	7-8	2500	6	1
16	Wick ...	1013·3	-20	WSW	3	c	33	85	8	5	2	-	7-8	10	1500	8	2
	Lerwick ...	1007·9	-28	WSW	5	c/phr	39	75	7	8	2	-	7-8	10	800	3	*
17	Blacksod Point	1014·2	-16	-	0	c	37	95	6	-	2	-	10	10	800	1	2
18	Malin Head ...	1015·7	-24	SE	1	c z₀	35	85	6	5	-	-	9+	9+	4000	4	1
	Aldergrove ...	1015·7	-12	ENE	1	o z₀	34	85	6	5	-	-	10	10	2500	4	*
19	Birr Castle ...	1014·4	-10	SE	1	c	35	95	8	5	-	-	9	9	2500	1	*
20	Valentia Obsy. †	1011·0	-14	ENE	4	c	42	75	8	5	2	-	7-8	10	1500	1	2
	Roches Point	1012·5	-16	E'S	4	r₀r₀	39	95	7	6	2	-	4-6	10	800	1	4

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. ...15th... (37)	13h.—18h. ...15th... (38)	18h.—1h. 15th to 16th (39)	1h.—7h. ...16th... (40)
1	London (Kew)	bfxcfx	ebfx	bfcm₀	cm₀x
	Croydon ...	cmffx	cfbcm₀	cm₀b,c	bcc
	S. Farnborough	bbxbef	bcfm	bcmc	cm₀
	Boscombe Down	cmcm₀	cbcm₀	bcm₀	bccm₀
	Calshot (Sthmtn.)	cm₀c	c	c	c
	Lympne ...	cm₀cy	bcycm₀	bcbm₀	b,cm₀
	Manston ...	cr	cbcyc	bcbq	bbcq
2	Shoeburyness ...	mxpr₀	cbc	bc	bccm₀
	Felixstowe ...	cmxirc	cz₀c	cybc	bcc
	Gorleston ...	cmmz₀	cpr₀c	c	cor₀r₀
	Mildenhall ...	cmx	cm₀	cm₀,b	b,c
	Cranwell ...	b,cmfx	cfx	cx₀	ofsss₀
3	Birmingham ...	bef	befc	c	cos₀
4	Upper Heyford	bcxcm	cm₀f	cfm	cmm₀
	Ross-on-Wye	bfcf	cfof	omcmom	om
5	Portland Bill ...	cc	cbc	c	or₀
	Plymouth ...	c	c ⊕	c	c
	The Lizard ...	cy	c	c	co
	Scilly (St. Mary's)	c	c	cir₀c	od₀me
	Guernsey ...	c	c	c	c
6	Pembroke ...	com₀	oqm₀irc	oq	cm₀c
7	Holyhead ...	cm₀ ⊕	cm₀	r₀s₀c	cs₀s₀
	Chester (Sealand)	cffx	cffx	offs₀s₀	s₀s₀ff
8	Manchester ...	bxcff	cff	fr₀r₀	s₀s₀m
10	Spurn Head ...	cz	zmc	c	oss
	Catterick ...	bxcm₀	cm₀bcm₀	bcm₀cm	cmofss₀
	Tynemouth ...	cffm	cffm	om	op₀sm
11	Inchkeith ...	bcz₀	bcz₀z₀	3₀3	c3
12	Leuchars ...	bccbx	bxbcx	bcx	bcx
	Renfrew (Abbots I.)	bbccffx	cffx	cffx	cbcffx
	Eskdalemuir ...	bxbcc⊕	cbcx	bcxcx	cxcs₀
	Point of Ayre ...	cz₀	z₀c	o	od₀do
13A	Tiree ...	c	c	c	c
13B	Stornoway ...	c	c	cr₀r₀	cpr₀
15	Dalwhinnie ...	c	c	*	c
	Aberdeen ...	bcc	ccz₀	cbc3₀	bcc
16	Wick ...	c	c	c	cprsc
	Lerwick ...	bcc	cphr	cir	bc
17	Blacksod Point	iro	id₀	id₀	id₀
18	Malin Head ...	czz⊕	cz₀z₀	c3₀3₀	c3₀bc
	Aldergrove ...	ccm	cmcm₀	cs₀s₀m₀	cs₀s₀m₀
19	Birr Castle ...	vrso	oc	c	cox
20	Valentia Obsy. †	c	cir₀c	cir₀c	cbc
	Roches Point	orr	rrr₀r₀	or₀r₀	or₀r₀

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/e₀, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s₀/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r_o, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ◐ lunar halo. ⚡ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; + has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

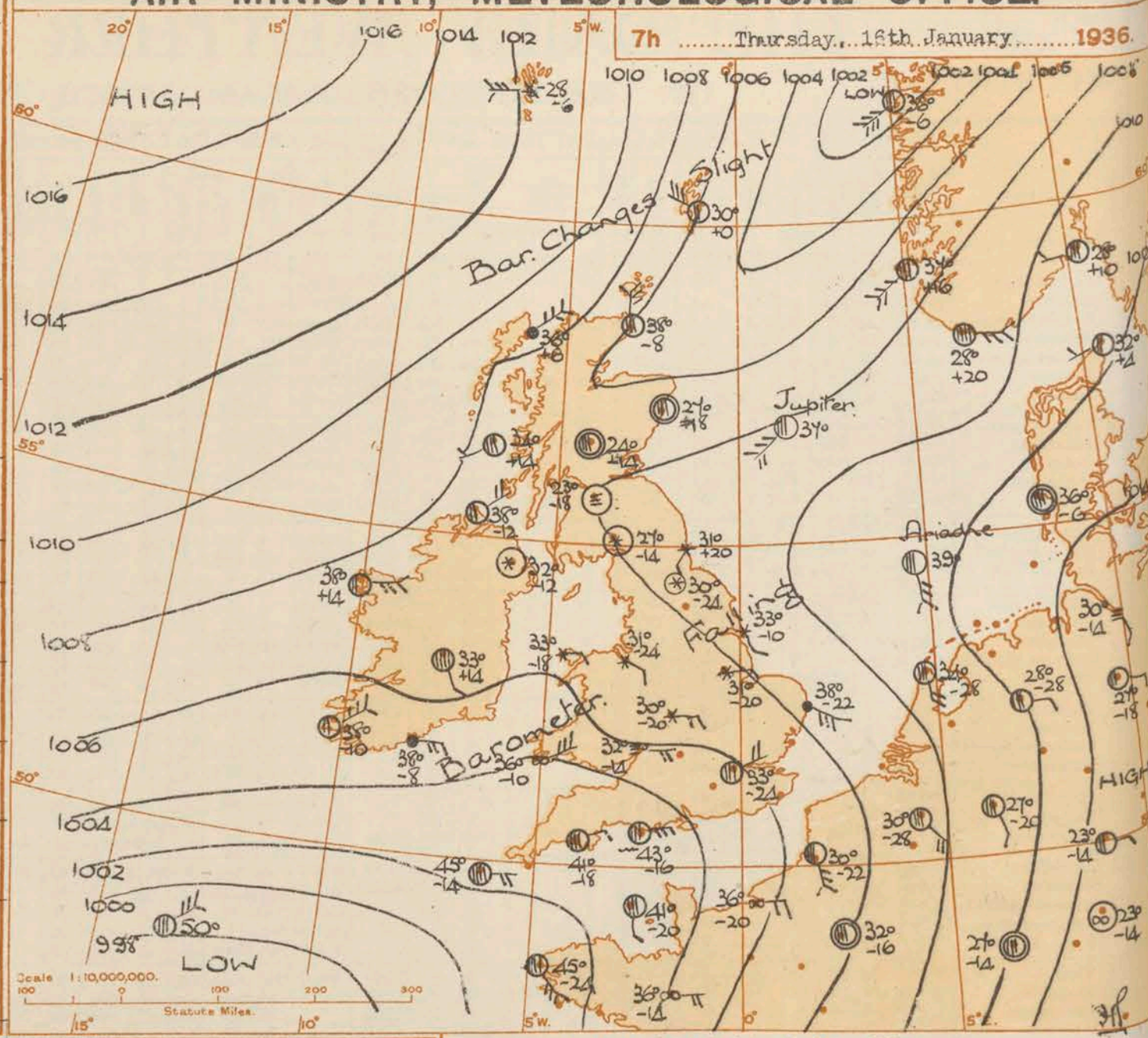
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for Wednesday 15th 1936.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 14th to 9h. 15th	Temperature. Max. 9h. 14th to 9h. 15th	Rainfall. Night. 17h. 14th to 9h. 15th	Rainfall. Day. 9h. 14th to 17h. 15th	Sunshine. Sunrise to Sunset. 15th
1	Tunbridge W.	oc	cbc	23	37	–	–	1·2
	Bournemouth	o	o	31	41	–	–	0·0
	Ventnor ...	oc	cbcc	35	43	–	–	0·9
	Southsea ...	o	o	32	41	–	–	0·0
	Bognor Regis	oc	c	31	41	–	–	0·0
	Littlehampton	c	cbc	29	41	–	–	0·0
	Worthing ...	c	c	31	41	–	–	0·0
	Brighton ...	c	c	30	40	–	–	0·0
	Eastbourne†	oc	cbc	30	40	–	–	0·0
	Hastings† ...	cbcb	bbcbc	31	40	–	–	0·0
	Folkestone ...	omc	cbc	32	40	–	–	1·4
	Dover... ...	o	obcb	33	42	–	–	2·1
	Deal	oc	cbcc	30	40	–	–	1·2
	Ramsgate ...	dc	cbc	35	42	–	0·2	1·1
	Margate ...	cbcc	cbcc	37	41	–	–	0·5
2	Southend ...	cfpom	omcbc	29	38	Trace	Trace	0·0
	Maldon ...	xc	rsc	27	36	–	Trace	0·0
	Clacton-on-Sea	cmxc	cdc	28	40	–	Trace	0·0
	Dovercourt ...	xbcm	doc	29	39	–	1	0·0
	Lowestoft ...	c	c	31	39	–	–	0·0
	Skegness ...	bcoc	bc	30	38	–	–	0·1
	Mablethorpe	omcf	cm	30	36	–	–	0·0
	Cleethorpes ...	cf	bcm	29	36	–	–	0·0
3	Leamington S.	fbbc	cm	21	34	–	–	0·0
4	Cheltenham†	bxbcm	bccx	25	36	–	–	1·6
5	Bath	c	c	26	36	–	–	0·0
	Weymouth ...	c	c	34	42	–	–	0·0
	Jersey ...	cbc	o	36	40	–	–	1·4
	Torquay ...	occ	coc	41	43	–	–	0·0
	Penzance ...	c	c	44	45	–	–	0·0
	St. Ives ...	c	c	43	44	–	–	0·0
	Bude	c	c	35	42	–	–	0·0
	Ilfracombe ...	c	c	36	42	–	–	0·0
6	Aberystwyth	co	o	32	37	–	–	0·0
7	Llandudno ...	co	o	29	37	–	–	0·0
	Colwyn Bay...	xco	o	28	37	–	–	0·2
	Rhyl	cm	cm	27	36	–	–	0·0
8	Wallasey ...	xfc	c	28	36	–	–	0·0
	Southport‖ ...	fbcm	cmcm	25	33	–	–	0·0
	Blackpool ...	cm	c	25	33	–	–	0·0
	Morecambe ...	xc	cm	25	36	–	–	0·0
9	Ilkley... ...	c	c	24	32	–	–	0·0
	Harrogate ...	bcx	bcx	26	34	–	–	1·0
10	Berwick-on-T.	o	c	26	30	–	–	0·8
11	Dunbar ..	bcx	bcx	26	33	–	–	1·6
12	Troon... ...	bxcfb	cbcoc	22	32	–	–	0·1
	Douglas ...	cbc	cbcm	31	37	–	–	0·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 5/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet 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. 16th Jan. 1936.

Districts.	Forecasts
1 S.E. England 2 E. England ...	Light to moderate east to southeast wind; dull, some rain, slight at first; some mist; less cold.
3 E. Midlands ... 4 W. Midlands ...	Light or moderate easterly wind; dull, slight snow or sleet at first; rain later; mist or slight fog; less cold.
5 S.W. England 6 South Wales ...	Light or moderate east to variable wind; dull, some rain; average temperature.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England	As 3 - 4. Light or moderate east to northeast wind, fresh or strong locally later; slight snow at first; heiver snow on high ground later, sleet or rain on low ground; local fog at first; becoming somewhat less cold.
11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. / B.N.W.Scotland.	Light variable wind, freshening from east to northeast later; mainly fair at first, snow or sleet later; local fog at first; becoming less cold.
14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	Moderate or fresh northeast or north wind; snow or sleet showers; cold.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Freshening northeast wind; variable cloud, occasional local sleet, snow or rain; cold.

GENERAL INFERENCE.

A depression off Northwest Spain has deepened and moved slowly east. It will probably move slowly northeast while elongating considerably towards northeast. There will be precipitation in most districts and snow locally in the North and Midlands. Temperature will rise somewhat in the South and East.

FURTHER OUTLOOK.

Unsettled; snow locally in Northern and Central districts, especially on high ground.

Forecasts issued at 1040 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.

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 16th January 1936

No. 27083.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1010·9	-34	SE'E	3	c	34	85	7	-	-	7	9	10	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1012·9	-30	ESE	4	b3o	34	75	6	1	-	-	1	1	2500
	Manston ...	142	1013·2	-30	SE	5	bcf	36	65	7	-	-	-	0	0	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1014·1	-30	SE	5	c	37	95	7	5	-	-	9	9	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1007·9	-24	SE	5	c	42	85	7	4	-	-	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1006·3	-24	SE'E	4	c	43	85	7	5	1	-	9+	10	1500
	Scilly (St. Mary's)	163	1006·1	-20	SSE	3	c	44	85	6	8	-	-	10	10	2500
	Guernsey ..	175	1008·9	-24	SE	2	c	40	85	6	-	1	-	0	10	-
6	Pembroke ...	142	1008·2	-16	ESE	4	0	38	85	6	5	-	-	10	10	2500
7	Holyhead ...	26	1010·8	-26	E	1	s0s0	34	95	4	6	2	-	4-6	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1013·5	-10	S'W	2	c	35	95	7	5	2	-	4-6	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1012·9	-20	SW	2	cm	32	95	4	5	-	-	10	10	1500
11	Inchkeith ...	190	1012·7	-24	SW	1	cm	32	85	4	5	-	-	10	10	800
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1011·7	-22	SSW	2	0	37	75	7	5	-	-	10	10	2500
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1009·0	-20	SW	3	r0r0	35	95	6	5	2	-	7-8	9	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1008·3	-18	WNW	3	c	34	85	8	5	2	-	9+	10	1500
16	Lerwick ...	156	1006·4	0	N	3	c	35	85	8	5	2	-	4-6	7-8	1500
17	Blacksod Point	18	10	-26	-	0	r0		95	6	6	-	-	10	10	800
18	Malin Head ...	52	1011·2	-14	SE	1	c3o	33	95	6	5	-	-	10	10	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1007·7	-14	E'S	2	0	41	85	7	5	-	-	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	Temp. Max. Day 7h–18h °F. (31)	Temp. Min. Night 18h–7h °F (32)	Temp. Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 15th Hrs. (36)
London (Kew)	1006·1	-26	E	2	c3o	34	75	6	5	-	-	10	10	1500	4	*	36	33	28	Tr	Tr	0·0
Croydon ...	1005·6	-24	E'N	2	c	33	85	7	5	-	-	9+	9+	1500	1	*	37	33	29	Tr	-	0·0
S. Farnborough	1005·9	-16	ENE	2	c	33	85	6	5	-	-	10	10	1500	4	*	35	32	27	-	-	0·0
Boscombe Down	1005·4	-20	NE'E	2	c3o	33	95	5	5	2	-	7-8	10	2500	1	*	34	32	30	-	-	0·0
Calshot (Sthmtn.)	1005·4	-18	SE	2	c	40	85	7	5	-	-	10	10	2500	1	§2	42	40	38	-	-	0·0
Lympne ...	1007·1	-24	SE	3	c3o	34	85	6	5	-	-	9+	9+	4000	1	2	39	33	30	-	-	2·3
Manston ...	1006·8	-32	ESE	4	bcf	35	85	7	5	7	-	2-3	4-6	4000	1	*	40	34	31	0·2	-	1·2
Shoeburyness ...	1006·8	-24	SE'E	3	c	35	85	6	5	7	-	2-3	7-8	4000	4	*	39	35	31	0·1	-	0·0
Felixstowe ...	1007·7	-26	ESE	3	c	37	75	7	5	1	-	4-6	10	2500	1	3	40	37	35	0·3	-	0·0
Gorleston ...	1008·8	-22	SE'E	4	r0r0	38	85	6	6	-	-	10	10	1500	1	3	39	37	35	0·1	0·1	0·0
Mildenhall ...	1007·1	-22	E	2	c	33	85	7	5	2	-	2-3	10	2500	4	*	36	31	28	-	-	0·0
Cranwell ...	1008·1	-20	E	2	sf	31	95	3	-	2	-	10	10	800	8	*	34	29	25	-	2	0·0
Birmingham ...	1007·3	-20	E	2	s0s0	30	95	5	6	-	-	10	10	800	8	*	34	30	30	-	0·1	0·5
Upper Heyford	1006·9	-22	ENE	3	c3o	31	85	6	5	-	-	10	10	1500	1	*	35	30	28	-	-	*
Ross-on-Wye	1006·3	-14	E	2	cm	32	85	4	5	-	-	10	10	800	4	*	32	31	27	-	-	0·0
Portland Bill ...	1003·1	-16	ESE	3	c	42	85	7	4	-	-	10	10	2500	1	4	43	40	*	-	Tr	*
Plymouth ...	1003·5	-18	E	1	c	41	95	7	5	-	-	10	10	1500	1	1	42	40	36	-	-	0·0
The Lizard ...	1002·8	-8	ESE	2	0	44	85	7	5	-	-	10	10	1500	1	3	45	41	*	-	-	*
Scilly (St. Mary's)	1002·1	-14	ESE	2	0	45	95	5	5	-	-	10	10	1500	1	1	45	43	*	-	Tr	0·0
Guernsey ..	1004·4	-20	SSE	1	c	41	95	6	5	2	-	7-8	10	2500	1	3	41	39	36	-	-	0·0
Pembroke ...	1003·9	-10	E'N	3	c3o	36	85	6	5	2	-	4-6	10	2500	1	2	39	35	*	1	-	0·0
Holyhead ...	1006·4	-18	E	1	s0s0	33	95	6	6	-	-	10	10	1500	8	1	38	32	30	-	4	0·3
Chester (Sealand)	1007·3	-24	SE'E	2	sf	31	95	2	-	-	-	10	10	4150	8	*	33	30	20	-	5	0·0
Manchester ...	1007·6	-34	ESE	2	s0s0	31	95	4	5	-	-	10	10	1500	8	*	35	31	29	-	4	0·0
Spurn Head ...	1008·7	-10	SSE	1	ss	33	95	6	5	2	-	4-6	10	800	7	1	38	32	*	-	Tr	0·0
Catterick ...	1008·4	-24	-	0	sf	30	95	3	-	2	-	10	10	800	8	*	34	26	19	-	2	0·0
Tynemouth ...	1008·3	-20	SW	1	s0	31	95	4	6	-	-	10	10	1500	4	2	34	31	27	-	Tr	0·0
Inchkeith ...	1008·3 ~~999·9~~	-12	SW	1	cm	30	85	4	5	-	-	9+	9+	800	4	1	33	29	24	-	-	0·7
Leuchars ...	1007·5	-16	WSW	1	bc	25	85	7	-	7	8	0	4·6	-	4	*	36	25	20	-	-	3·0
Renfrew (Abbotsl.)	1008·0	-18	-	0	bcf	23	95	2	-	-	8	0	4·6	-	4	*	25	23	17	-	-	0·0
Eskdalemuir ...	1008·0	-14	-	0	s0s0	27	95	6	5	-	-	10	10	800	4	*	30	17	12	-	Tr	0·9
Point of Ayre...	1007·2	-18	WSW	1	0	34	95	7	6	-	-	10	10	1500	1	1	38	32	x	-	2	0·0
Tiree ...	1007·3	-14	SW'S	1	c	34	75	8	5	3	-	4-6	7-8	4000	0	1	36	32	31	-	-	0·1
Stornoway ...	1008·5	+6	NE	5	pr	36	95	8	8	7	-	7-8	9+	1500	1	2	37	33	*	-	3	0·0
Dalwhinnie ...	*	-14	-	0	c	24	85	7	5	-	-	10	10	2500	8	*	30	20	11	-	-	0·0
Aberdeen ...	1006·7	-18	-	0	c	27	85	6	5	-	6	7-8	9	4000	6	1	38	26	21	-	-	2·6
Wick ...	1006·0	-8	N	4	c	38	75	8	8	2	-	7-8	10	1500	3	2	34	33	*	-	0·4	*
Lerwick ...	1006·1	0	NW	3	bc	30	85	8	8	-	-	4-6	4-6	800	4	*	39	29	*	1	3	0·0
Blacksod Point	1007·7	-14	E	4	bc	38	95	7	5	-	-	7-8	7-8	800	1	3	41	34	*	1	1	*
Malin Head ...	1007·4	-12	NE	2	bc	38	85	7	8	8	-	2-3	4-6	2500	4	1	36	32	*	-	-	0·0
Aldergrove ...	1007·6	-12	-	0	s0s0	32	95	6	6	2	-	4-6	10	800	8	*	35	31	30	-	1	0·0
Birr Castle ...	1006·9	-14	SE	1	0	33	95	7	5	-	-	10	10	2500	1	*	38	33	30	1	-	0·0
Valentia Obsy. †	1005·1	-10	NE	4	bc	38	85	7	5	3	-	2-3	4-6	800	1	3	47	38	36	0·1	0·4	0·0
Roches Point	1005·1	-8	E	3	r0r0	38	95	7	6	-	-	10	10	1500	1	3	45	38	*	7	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 15th Hrs. (36)
1	London (Kew)	36	33	28	Tr	Tr	0·0
	Croydon	37	33	29	Tr	-	0·0
	S. Farnborough	35	32	27	-	-	0·0
	Boscombe Down	34	32	30	-	-	0·0
	Calshot (Sthmtn.)	42	40	38	-	-	0·0
	Lympne	39	33	30	-	-	2·3
	Manston	40	34	31	0·2	-	1·2
2	Shoeburyness	39	35	31	0·1	-	0·0
	Felixstowe	40	37	35	0·3	-	0·0
	Gorleston	39	37	35	0·1	0·1	0·0
	Mildenhall	36	31	28	-	-	0·0
	Cranwell	34	29	25	-	2	0·0
3	Birmingham	34	30	30	-	0·1	0·5
	Upper Heyford	35	30	28	-	-	*
4	Ross-on-Wye	32	31	27	-	-	0·0
5	Portland Bill	43	40	*	-	Tr	*
	Plymouth	42	40	36	-	-	0·0
	The Lizard	45	41	*	-	-	*
	Scilly (St. Mary's)	45	43	*	-	Tr	0·0
	Guernsey	41	39	36	-	-	0·0
6	Pembroke	39	35	*	1	-	0·0
7	Holyhead	38	32	30	-	4	0·3
	Chester (Sealand)	33	30	20	-	5	0·0
8	Manchester	35	31	29	-	4	0·0
10	Spurn Head	38	32	*	-	Tr	0·0
	Catterick	34	26	19	-	2	0·0
	Tynemouth	34	31	27	-	Tr	0·0
11	Inchkeith	33	29	24	-	-	0·7
	Leuchars	36	25	20	-	-	3·0
12	Renfrew (Abbotsl.)	25	23	17	-	-	0·0
	Eskdalemuir	30	17	12	-	Tr	0·9
	Point of Ayre	38	32	x	-	2	0·0
13A	Tiree	36	32	31	-	-	0·1
13B	Stornoway	37	33	*	-	3	0·0
15	Dalwhinnie	30	20	11	-	-	0·0
	Aberdeen	38	26	21	-	-	2·6
	Wick	34	33	*	-	0·4	*
16	Lerwick	39	29	*	1	3	0·0
17	Blacksod Point	41	34	*	1	1	*
18	Malin Head	36	32	*	-	-	0·0
	Aldergrove	35	31	30	-	1	0·0
19	Birr Castle	38	33	30	1	-	0·0
20	Valentia Obsy. †	47	38	36	0·1	0·4	0·0
	Roches Point	45	38	*	7	3	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon (24 hrs. ended 9h.)	Weather Night (24 hrs. ended 9h.)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity 15h. G.M.T. % (Yesterday.)	Humidity 9h. G.M.T. % (To-day.)	Visibility 9h. (To-day.)
KEW	18	bfxcfx	cbfx	bfcm0x	36	33	28	Tr	Tr	0·0	*	*	5
CROYDON	217	cmffx	cfbcm0	cm0bcc	37	33	29	Tr	-	0·0	*	*	4
GREENWICH (Royal Observatory)	149	cf	cs0f ~~bm~~	~~bm~~ cm	35	~~30~~ 32	27	Tr	-	0·0	89	81	4
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	*
WESTMINSTER (St. James' Park)	27	*	*	*	38	33	29	-		0·0	82	82	*
REGENTS PK. (Botanic Gardens)‡	168	*	*	*	36	30	30	-	-	0·0	90	84	*
CAMDEN SQUARE	110	xcf	cfsc	*	36	29	24	Tr	-	*	*	91	*
KENSINGTON	80	co	bcm	*	37	33	26	-	-	0·0	At 18h. 85	90	*
HAMPSTEAD OBSERVATORY	450	cf	osm	amx	35	29	17	0·2	Tr	0·0	*	87	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

SOUTH KENSINGTON. Max.	Time.	Min.	Time.
2·6	10-11h 15th	<0·3	2-3h 16th

KEW OBSERVATORY. Max.	Time.	Min.	Time.
Defective			

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 15th January Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 16th January Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
PARIS	1017·0	ENE	2	c3o	32	1008·1	-	0	c	32	41	32	-	-
BRUSSELS	1019·9	ENE	1	c0	32	1008·4	ESE	2	c	30	37	27	-	-
BERLIN	1019·6	W	1	bc	34	1017·3	SW	1	m	27	37	25	Tr	Tr
ZURICH	1019·9	NE	3	0	32	1015·5	SE	1	0	32	34	32	-	-
ROME	1015·7	-	0	c3o	52	1013·4	E	2	3o	54	x	41	x	0·2

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

COLUMNS 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 36.—Code for State of Sea.

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

TERMS OF SUBSCRIPTION. Single Copies, 1d. each: by post 1½d. 2/6 per month: 6/3 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 17th January 1936.
No. 27084.

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

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)	1002·0	-24	NE'E	2	of	35	95	2	5	-	-	10	10	<150
	Croydon ...	1001·9	-24	NE'E	2	c/r	35	85	4	-	2	-	10	10	800
	S. Farnborough	1001·6	-26	NE	2	sf	34	95	3	5	-	-	10	10	450
	Boscombe Down	1001·7	-22	NE'E	2	o/phr	33	95	4	5	-	-	10	10	800
	Calshot (Sthmtn.)	1002·2	-18	NE	2	ir₀	38	95	6	5	-	-	10	10	800
	Lympne ...	1024·3 (1003·2)	-26	ESE	3	rs	36	95	5	6	-	-	10	10	450
	Manston ...	1002·7	-22	SE'S	2	c/r	35	85	6	5	7	-	4-6	9+	2500
2	Shoeburyness ...	1002·6	-20	SE	1	c	37	85	6	5	-	-	10	10	2500
	Felixstowe ...	1003·2	-22	SE'E	2	cz₀	38	85	6	5	2	-	7-8	10	1500
	Gorleston ...	1004·4	-22	ESE	3	c	38	75	7	5	-	-	9+	9+	2500
	Mildenhall ...	1002·8	-26	E	2	cz₀	37	75	6	-	2	-	0	10	-
	Cranwell ...	1004·3	-22	NE'N	2	sf	33	85	3	-	2	-	10	10	450
3	Birmingham ...	1003·8	-16	ENE	2	s₀s₀f	32	95	3	6	-	-	~~8-10~~	~~8-10~~	800
4	Upper Heyford	1002·5	-26	NE	3	s₀s₀	32	95	4	-	2	-	10	10	1500
	Ross-on-Wye	1002·6	-20	NE	1	s₀s₀	32	95	3	6	-	-	10	10	800
5	Portland Bill ...	1000·4	-20	SE	3	o	39	95	6	5	-	-	10	10	1500
	Plymouth ...	1000·3	-16	E'N	3	cz₀	42	95	6	5	-	-	10	10	1500
	The Lizard ...	999·9	-10	NE	2	c	44	85	7	8	2	-	9	10	1500
	Scilly (St. Mary's)	999·8	-14	NE'E	4	c	44	95	7	5	1	-	9+	10	1500
	Guernsey ...	1000·3	-24	-	0	oz₀	43	95	5	5	-	-	10	10	2500
6	Pembroke ...	1001·9	-14	NE'E	3	rs	36	95	6	5	-	-	10	10	~~2500~~ 1500
7	Holyhead ...	~~999·8~~ 1003·9	-16	NE	3	c	36	95	6	5	-	9	4-6	9	2500
	Chester (Sealand)	1004·6	-16	NE'E	2	sf	32	95	2	-	2	-	10	10	1500
8	Manchester ...	1004·4	-20	NE'E	2	sf	32	95	3	6	2	-	9	10	450
10	Spurn Head ...	1004·5	-12	NNE	2	ss	33	95	6	6	-	-	10	10	800
	Catterick ...	1005·2	-18	-	0	sf	31	95	3	-	2	-	10	10	800
	Tynemouth ...	1005·3	-16	-	0	of	32	95	3	6	-	-	10	10	1500
11	Inchkeith ...	1006·2	-8	SW	1	cm	31	85	4	5	-	-	9+	9+	800
12	Leuchars ...	1005·5	-10	WSW	1	c	32	75	6	5	2	-	9	10	2500
	Rentrew (Abbots I.)	1006·5	-10	-	0	cf	30	95	3	5	-	-	9+	9+	4000
	Eskdalemuir ...	1005·6	-10	-	0	of	28	95	2	5	-	-	10	10	<150
	Point of Ayre...	1005·5	-10	E'S	2	oz₀	35	85	6	6	-	-	10	10	1500
13A	Tiree ...	1007·0	+4	NE	4	bc/pr	39	85	7	8	-	8	4-6	4-6	2500
13B	Stornoway ...	1008·2	-4	NNE	4	c/phr	35	85	8	8	-	1	4-6	7-8	1500
15	Dalwhinnie ...	1007·8	-4	NNE	1	is₀	27	85	6	5	-	-	10	10	2500
	Aberdeen ...	1005·9	-4	NNE	2	s₀s₀	33	95	4	-	2	-	10	10	1500
	Wick ...	1007·0	+4	N	4	c/ps	35	75	8	8	6	-	4-6	7-8	1500
16	Lerwick ...	1006·0	-2	N'W	3	bc	33	85	8	8	8	-	2-3	4-6	1500
17	Blacksod Point	1007·8	0	ENE	3	c	41	75	7	-	5	-	0	7-8	-
18	Malin Head ...	1006·4	-6	NW'N	3	cjp	40	85	7	8	-	-	9+	9+	1500
	Aldergrove ...	1006·4	-8	-	0	cz₀	34	85	6	5	-	-	9+	9+	5700
19	Birr Castle ...	1006·7	-4	NNE	1	s₀s₀	33	95	7	5	-	-	10	10	2500
20	Valentia Obsy. †	1005·8	+2	NE'N	4	bc	39	75	7	3	-	-	4-6	4-6	1500
	Roches Point	1004·3	-6	NE	3	r₀r₀	38	95	5	6	-	-	10	10	1500

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	998·9	-18	NE	2	c/rs	34	95	4	6	2	-	10	10	450	6	*
	Croydon ...	998·7	-18	E'N	2	r₀r₀	34	95	4	-	2	-	10	10	1500	1	*
	S. Farnborough	998·3	-14	NE	1	of-	33	95	3	5	-	-	10	10	220	6	*
	Boscombe Down	998·4	-18	N'E	3	of	32	95	3	5	-	-	10	10	1500	1	*
	Calshot (Sthmtn.)	998·7	-16	N	3	of+	36	95	2	5	-	-	10	10	800	1	?
	Lympne ...	999·0	-20	ENE	3	om	35	95	4	5	-	-	10	10	800	1	§ 1
	Manston ...	998·9	-20	ENE	1	oz₀	35	95	5	5	-	-	10	10	1500	1	*
2	Shoeburyness ...	999·2	-14	E	1	iR	34	95	5	5	-	-	10	10	1500	1	*
	Felixstowe ...	999·6	-18	N'E	2	ir₀	34	95	4	6	-	-	10	10	1500	1	2
	Gorleston ...	1000·7	-20	E'S	3	ir₀	37	85	6	6	-	-	10	10	1500	1	2
	Mildenhall ...	1000·0	-18	ENE	1	s₀s₀	33	95	5	6	-	-	10	10	1500	7	*
	Cranwell ...	1001·9	-14	N'E	3	sf	32	95	3	-	2	-	10	10	450	8	*
3	Birmingham ...	1001·4	-14	NNE	3	s₀s₀	31	95	4	6	-	-	10	10	800	8	*
4	Upper Heyford	1000·0	-20	NE	3	om	32	95	4	-	2	-	10	10	800	1	*
	Ross-on-Wye	1001·5	-12	N	1	s₀s₀	31	95	3	6	-	-	10	10	800	8	*
5	Portland Bill ...	996·8	-16	NE	4	o	37	95	6	5	-	-	10	10	1500	1	3
	Plymouth ...	998·0	-10	N	2	9/d	38	95	5	5	-	-	10	10	800	1	1
	The Lizard ...	997·3	-6	N'E	4	c	39	85	7	5	2	-	7-8	10	1500	1	2
	Scilly (St. Mary's)	997·8	-6	NE'N	6	c	42	85	6	8	-	-	9+	9+	1500	1	2
	Guernsey ...	997·0	-20	-	0	0	42	95	6	5	-	-	10	10	2500	1	1
6	Pembroke ...	1000·2	-6	NE'E	3	c	35	95	6	5	2	-	9	10	2500	1	2
7	Holyhead ...	1002·7	-6	NE	3	c	38	85	6	5	2	-	2-3	10	2500	1	1
	Chester (Sealand)	1002·8	-10	NNW	3	of	31	85	2	5	-	-	10	10	<150	8	*
8	Manchester ...	1002·7	-8	NE'N	2	cm	30	95	4	5	7	-	7-8	10	1500	8	*
10	Spurn Head ...	1000·2	-10	NNW	3	ss	33	95	6	6	-	-	10	10	800	7	2
	Catterick ...	1003·1	-10	N	3	om	31	95	4	-	2	-	10	10	800	8	*
	Tynemouth ...	1003·7	-10	N	3	is₀	32	85	6	6	-	-	10	10	1500	8	2
11	Inchkeith ...	1005·4	-4	N	3	c	34	85	8	5	-	-	9+	9+	1500	4	2
12	Leuchars ...	1005·4	0	-	0	c	34	75	7	5	-	-	9+	9+	2500	6	*
	Rentrew (Abbots I.)	1005·8	+2	-	0	c	32	85	6	5	-	-	9	9	4000	4	*
	Eskdalemuir ...	1004·2	-6	NNE	5	c	31	85	6	5	-	-	10	10	800	5	*
	Point of Ayre...	1004·0	-10	NE'N	4	cz₀	36	85	6	5	-	-	9	9	4000	1	1
13A	Tiree ...	1007·2	+2	N'E	5	bc	38	85	9	8	-	-	2-3	2-3	2500	0	3
13B	Stornoway ...	1008·8	-2	NW	4	c	32	85	8	8	7	-	4-6	7-8	1500	1	2
15	Dalwhinnie ...	1007·8	0	N	1	b	27	85	8	4	-	-	1	1	2500	8	*
	Aberdeen ...	1005·5	+2	NW	2	b	31	85	7	5	-	-	1	1	2500	6	1
	Wick ...	1006·5	-4	N	4	bc	32	85	8	8	6	-	4-6	4-6	1500	8	2
16	Lerwick ...	1005·5	-4	N'W	3	bc	29	85	8	8	7	-	4-6	4-6	1500	4	*
17	Blacksod Point	1007·6	0	-	0	c	37	85	7	-	7	-	0	7-8	-	1	2
18	Malin Head ...	1006·0	+4	N	4	bc/jp	40	85	7	8	-	-	4-6	4-6	1500	1	2
	Aldergrove ...	1005·1	-2	-	0	cz₀	32	85	6	5	-	-	9+	9+	1500	6	*
19	Birr Castle ...	1005·8	0	N	1	bc	31	95	7	5	-	-	2-3	2-3	2500	1	*
20	Valentia Obsy. †	1006·2	+8	NE	3	c	37	75	8	5	-	-	7-8	7-8	1500	1	2
	Roches Point	1004·0	+2	NE	3	c	37	85	8	5	1	-	7-8	9+	1500	1	3

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. (37)	Weather. 13h.—18h. (38)	Weather. 18h.—1h. (39)	Weather. 1h.—7h. (40)
1	London (Kew)	cs₀orf	ofsrs	orsss	oss
	Croydon ...	ompsir₀	ofrsr₀	ofsss₀	or₀s₀fs₀
	S. Farnborough	r₀s₀ir₀fo	rsffo	ofis₀s₀s	os₀s₀m₀c
	Boscombe Down	cph	oid₀ff	fs₀s₀	os₀s₀
	Calshot (Sthmtn.)	or₀srm₀	oir₀mrff	offeors	orsc
	Lympne ...	om₀rs	orm₀m	omr₀rr	omrr₀s₀s
	Manston ...	bcqom₀	rd₀mom₀	om₀r₀ror	crrm₀
2	Shoeburyness ...	cpr₀c	cm₀rsir	crrss	ois₀
	Felixstowe ...	ccz₀	orsrsir₀	orsrsss	os₀s₀m₀
	Gorleston ...	or₀c	coir₀	oirs	oirscq
	Mildenhall ...	cm₀	cs₀s₀m₀	os₀s₀ss	os₀s₀c
	Cranwell ...	s₀fss	oisfssss	ofs₀	ois₀f
3	Birmingham ...	cs	os₀s₀	os₀c	cbc
4	Upper Heyford	coi₀s₀	os₀s₀m	ocisss₀s₀	cs₀m₀
	Ross-on-Wye	omofs₀s₀	cfssofs₀	ofssom	cm₀b
5	Portland Bill ...	oz₀	oz₀	obs₀	bs
	Plymouth ...	em₀	cd₀m₀	cm₀cbc	bcb
	The Lizard ...	oc	cpr₀c	co	oc
	Scilly (St. Mary's)	or₀mc	cm₀	bccbc	phr₀q
	Guernsey ...	coid₀	ozs	obrr	orr
6	Pembroke ...	cmirso	omrsc	beqm₀	com₀
7	Holyhead ...	r₀s₀dcm	cm₀	cbcz₀	bcm₀
	Chester (Sealand)	ffs₀s₀	offs₀s₀	fcm	cbm₀
8	Manchester ...	ss₀s₀f	cs₀fm	cbmm₀	bxm₀
10	Spurn Head ...	oss	oss	ssc	cpsq
	Catterick ...	of s₀s₀	om	ombcb	bbc
	Tynemouth ...	os₀sff	oisff	ois₀	ois₀bcq
11	Inchkeith ...	zz	z₀zc	cbcb	bbc
12	Leuchars ...	bccxm₀	cmsscc	cxb	bcx
	Rentrew (Abbots I.)	bccffx	cffxcz₀	cz₀bcbx	bx
	Eskdalemuir ...	s₀d₀f	ffcm₀	cbcx	bcxbx
	Point of Ayre...	os₀hz	z₀oc	opr₀c	cbbc
13A	Tiree ...	bcmpr	bcpr₀	bc	bc
13B	Stornoway ...	cphr	cphps	bcp₀s	bcps
15	Dalwhinnie ...	eis	isoc	•	bcisoc
	Aberdeen ...	cfons	s₀s₀b	ps₀bc	ps₀b
	Wick ...	cp₀s	ps₀bc	bcpsc	cpsbc
16	Lerwick ...	bcp₀s	bc	bcps	bc
17	Blacksod Point	bc	bc	prc	pr₀c
18	Malin Head ...	bcc	cphr₀	cphr₀	cph₀bc
	Aldergrove ...	s₀fcm₀	cbccm₀	cm₀bcx	bcbxc
19	Birr Castle ...	os₀s₀	os₀bc	bc	bcx
20	Valentia Obsy. †	bccbc	bcc	cbcb	prsbcx
	Roches Point	or₀r₀	or₀c	cbcbx	bxbcx

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.

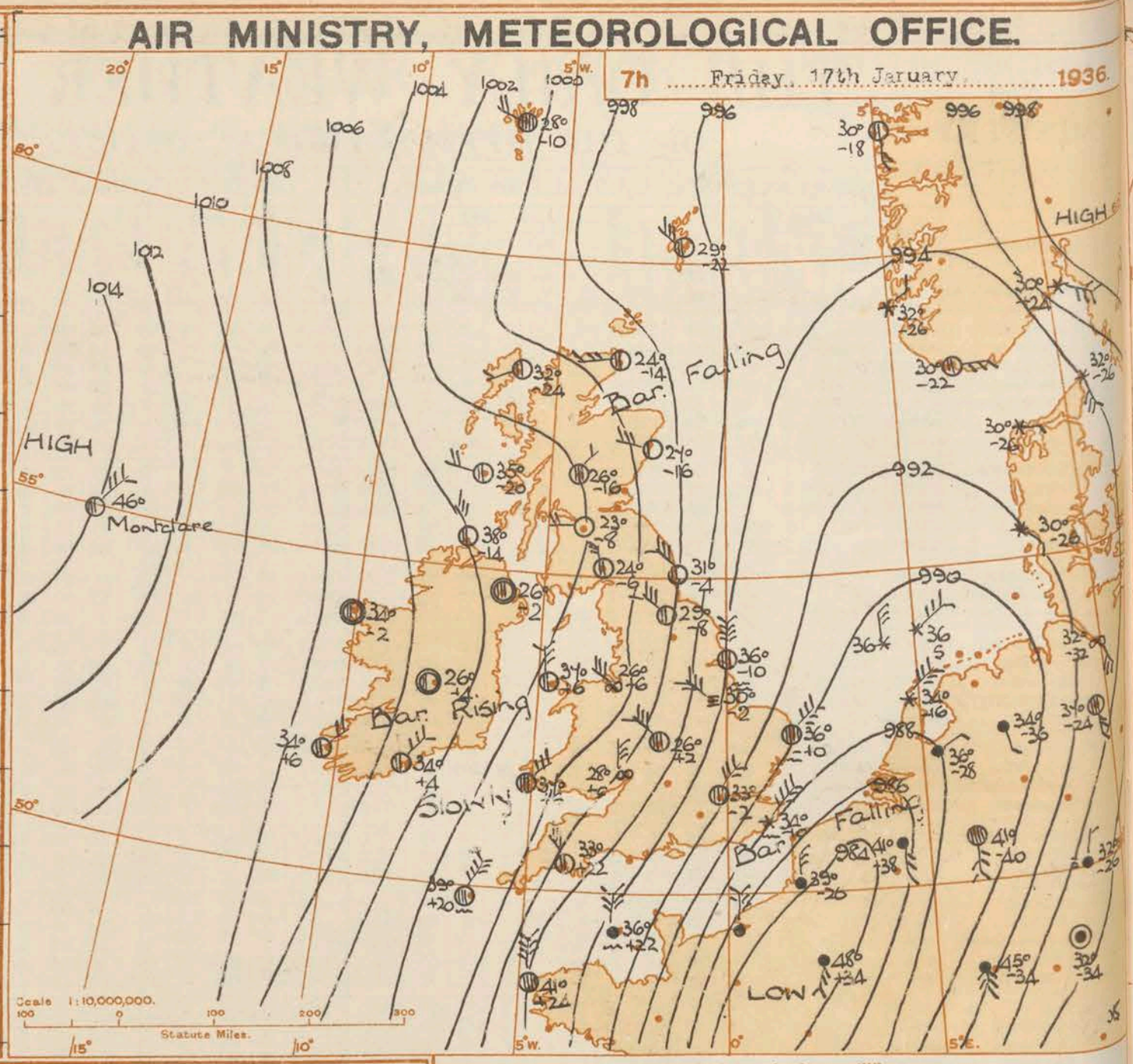
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 16th January 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.	omf	opom	31	36	-	1	0·0
	Bournemouth	o	odo	34	38	Trace	0·5	0·0
	Ventnor ...	our	opoz	37	42	-	1	0·0
	Southsea ...	co	orof	36	40	-	0·4	0·0
	Bognor Regis	oir	o	34	40	-	1	0·0
	Littlehampton	co.o	o	35	41	-	1	0·0
	Worthing ...	cr.c	c	34	41	-	Trace	0·0
	Brighton ...	c	cpc	36	41	-	1	0·0
	Eastbourne†	od.d.	d.d.o	37	43	-	0·4	0·0
	Hastings† ...	od.	o	36	41	-	Trace	0·0
	Folkestone ...	ocor.	oro	34	39	-	3	0·0
	Dover... ...	o	r.oro	35	40	-	1	0·0
	Deal	o	ro	34	38	-	1	0·0
	Ramsgate ...	c	cro	35	38	-	1	0·0
	Margate ...	c	cd	34	38	-	1	0·0
2	Southend ...	cco	orsrf	31	37	-	3	0·0
	Maldon ...	o	ors	33	36	-	1	0·0
	Clacton-on-Sea	co	oihrs	30	38	-	3	0·0
	Dovercourt ...	oc	ocd	37	38	-	0·1	0·0
	Lowestoft ...	c	cd.o	33	38	-	Trace	0·0
	Skegness ...	osfs.	os.s	31	34	2	3	0·0
	Mablethorpe	osm.g	ogms.	30	34	5	4	0·0
	Cleethorpes ...	oss	oss	32	33	4	4	0·0
3	Leamington S.	mc	os	24	34	-	1	0·0
4	Cheltenham†	omoss	ossom	32	34	-	8	0·0
5	Bath	csc	c	28	34	-	1	0·0
	Weymouth ...	mo	o	38	39	-	-	0·0
	Jersey ...	co	co	36	43	-	-	0·0
	Torquay ...	om.	om.	41	41	0·3	-	0·0
	Penzance ...	mod.o	o	43	45	-	Trace	0·0
	St. Ives ...	o	o	42	44	-	-	0·0
	Bude	o	o	34	39	-	-	0·0
	Ilfracombe ...	o	o	37	39	-	-	0·0
6	Aberystwyth	oss	ssc	32	36	2	2	0·0
7	Llandudno ...	s.o	og	30	34	½	1	0·0
	Colwyn Bay...	sorso	o g	30	34	3	0·5	0·0
	Rhyl	os.s.	o.	27	35	7	0·6	0·0
8	Wallasey ...	sso	o	28	34	5	2	0·0
	Southport‖ ...	s.co	o	31	32	5	0·2	0·0
	Blackpool ...	so	o	28	32	5	1	0·0
	Morecambe ...	ssas	ocox	27	33	1	1	0·0
9	Ilkley... ...	ogops	o	22	32	5	1	0·0
	Harrogate ...	os.	os.	29	30	4	1	0·0
10	Berwick-on-T.	o	o	24	30	-	-	0·0
11	Dunbar ..	cmx	cmx	25	35	-	-	0·0
12	Troon... ...	sxfoc	cfclof	23	35	4	-	0·1
	Douglas ...	omid	cblcx	33	38	1	Trace	0·0

† 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 7/10 to 9/10 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. 17th Jan., 1936.

Districts.	Forecasts
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Fresh north wind, strong to gale on East Coast at first, moderating decidely and backing northwest to west; cloudy, snow locally near coast, becoming bright; perhaps snow showers tomorrow; cold, sharp night frost.
5 S.W. England 6 South Wales ...	Moderate to light northwest to west wind; fair; snow showers later; cold, sharp night frost.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	Moderate or fresh northwest wind, perhaps strong and squally at times later; bright intervals, local showers of snow, hail or sleet, more general later and heavy in places; cold.
10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Moderate or light west to northwest wind; bright intervals; snow showers later; cold, sharp frost at many places.
13 A. W. Scotland. B.N.W. Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	Wind west, veering northwest or north, fresh locally; snow showers, heavy locally; cold.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	As 5 - 8.

GENERAL INFERENCE.

A deep depression over Northeast France is moving northeast and a secondary off North Scotland is moving south or south-southeast. Wintry weather will continue. Snow will fall for a few hours in East Kent, but subsequently will be mostly in northern districts.

FURTHER OUTLOOK.

Wintry weather continuing. Further snow locally, chiefly in the North.

Times of issue of Gale Warnings.

North Cone hoisted 0520 17/1 in district 1. and at 0815 17/1 in district 2 and Dogger Bank.

Forecasts issued at 1030 G. M. T.

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 17th January, 1936.
No. 27084.

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

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	993·5	-22	NE'N	3	rs	33	95	4	-	2	-	10	10	450
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	992·7	-30	N'E	3	rr	35	95	5	6	2	-	9	10	450
	Manston ...	142	992·2	-32	N	4	rr	38	95	5	6	2	-	7-8	10	800
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	995·7	-8	12 NNE	5	rs	35	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	992·6	-20	NE	4	rs	34	95	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	997·4	-4	N'E	4	o	36	85	7	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	998·4	+4	NE'N	6	bc	41	65	7	8	-	-	4-6	4-6	2500
	Guernsey ..	175	992·8	-20	NNE	5	rr	39	95	4	5	-	-	10	10	1500
6	Pembroke ...	142	999·1	-10	NE	3	bc	35	75	6	5	-	-	4-6	4-6	2500
7	Holyhead ...	26	1001·4	-4	N'E	5	bc	38	85	6	5	-	-	4-6	4-6	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	997·4	-10	NNE	4	c	35	95	7	3	2	-	4-6	7-8	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1001·4	-14	N	3	15.	33	95	6	6	-	-	10	10	1500
11	Inchkeith ...	190	1005·6	0	NNW	3	b	30	95	9	4	-	-	1	1	4000
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1003·6	-2	NE	5	c	36	75	7	5	-	-	7-8	7-8	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ..	80	1006·0	-10	WSW	2	bc	30	95	8	5	-	-	2-3	2-3	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ..	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1003·4	-14	NW	3	c	27	85	8	8	7	-	4-6	7-8	1500
16	Lerwick ...	156	1001·1	-16	N'W	2	bc	25	85	8	8	-	-	4-6	4-6	1500
17	Blacksod Point	18	1008·1	-4	SW	3	bc	38	95	7	5	-	-	4-6	4-6	1500
18	Malin Head ...	52	1006·1	-4	N	4	bc dp	39	75	8	8	-	-	4-6	4-6	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1007·2	-6	ENE	2	c	36	85	8	5	-	-	10	10	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	992·4	0	N	4	o3	34	95	6	5	-	-	10	10	1500	6	*
	Croydon ...	991·7	-2	NNE	5	c/s	33	95	5	-	2	-	10	10	1500	7	*
	S. Farnborough	993·0	+2	NNW	3	9/s	34	95	6	5	1	-	7-8	9+	800	7	*
	Boscombe Down	994·6	+10	N'W	5	o	32	95	7	5	-	-	10	10	800	7	*
	Calshot (Sthmtn.)	992·5	+10	N'W	5	r.r.	35	95	7	5	-	-	10	10	800	1	3
	Lympne ...	988·5	-10	N'E	7	s.s.	34	95	5	6	2	-	9+	10	800	1	§4
	Manston ...	989·1	-8	N'E	6	rr	36	85	7	6	-	-	10	10	800	1	*
2	Shoeburyness ...	991·6	-6	N	4	c/s	34	95	7	5	-	-	10	10	1500	7	*
	Felixstowe ...	991·4	-12	N	5	s.s.	34	95	6	6	-	-	10	10	1500	6	3
	Gorleston ...	992·0	-10	NNE	6	cq	36	85	7	8	1	-	4-6	10	1500	1	4
	Mildenhall ...	993·4	-10	NNE	3	c	33	85	7	-	7	-	0	10	-	8	*
	Cranwell ...	996·5	-2	NW'N	5	ct	30	95	3	5	-	-	10	10	800	8	*
3	Birmingham ...	998·3	+2	NNW	4	c	26	95	5	5	-	-	9	9	1500	8	*
	Upper Heyford	995·4	+4	N	5	c3.	31	95	5	5	-	-	10	10	800	1	*
4	Ross-on-Wye	998·0	0	N	3	b3.	28	95	6	-	1	-	0	1	-	8	*
5	Portland Bill ...	994·8	+10	N	5	o	35	85	6	5	-	-	10	10	1500	1	4
	Plymouth ...	998·9	+22	N'W	3	bc	33	85	7	-	-	1	0	2-3	-	1	1
	The Lizard ...	1000·0	+20	N	4	c	35	75	7	5	6	-	7-8	9+	2500	1	2
	Scilly (St. Mary's)	1001·2	+20	NNE	7	c/rs	39	85	7	6	-	-	9+	9+	1500	1	4
	Guernsey ..	993·8	+22	N	6	rr	36	95	6	5	-	-	10	10	1500	2	4
6	Pembroke ...	1000·4	+6	NE'N	3	c	37	75	7	5	-	-	9	9	2500	1	2
7	Holyhead ...	1001·5	+6	N	4	c	37	75	8	8	-	-	7-8	7-8	2500	1	3
	Chester (Sealand)	1000·5	0	NW	3	b3.	26	85	5	-	-	-	0	0	-	8	*
8	Manchester ...	999·5	-2	WNW	2	b3.	24	95	6	-	-	-	0	0	-	8	*
10	Spurn Head ...	993·6	-10	N'E	8	cq	36	95	8	3	2	-	4-6	7-8	2500	1	6
	Catterick ...	998·8	-8	N'W	4	bc	29	95	7	5	4	-	2-3	4-6	5700	8	*
	Tynemouth ...	998·8	-4	NNW	4	bc	31	85	7	9	-	-	4-6	4-6	1500	1	2
11	Inchkeith ...	1001·6	-8	NW	3	bc	30	95	8	4	-	-	2-3	2-3	2500	4	2
	Leuchars ...	1000·5	-18	WNW	2	bc	28	85	8	5	-	8	2-3	4-6	4000	6	*
12	Renfrew (Abbots I.)	1002·5	-8	W	2	b	23	85	8	-	-	5	0	2-3	-	4	*
	Eskdalemuir ...	1001·0	-6	N	3	bc	24	75	8	-	-	1	0	2-3	-	5	*
	Point of Ayre...	1001·9	-4	NNE	4	bc	35	65	8	4	-	6	Tr	2-3	2500	4	3
13A	Tiree	1002·3	-20	WNW	2	bc	35	75	8	7	-	-	2-3	2-3	2500	0	2
13B	Stornoway ..	1000·3	-24	SW	1	bc/ps	32	95	8	5	-	-	2-3	4-6	1500	8	1
15	Dalwhinnie ...	1002·2	-16	NE	1	c	26	85	8	4	6	-	4-6	7-8	2500	8	*
	Aberdeen ..	999·3	-16	WNW	3	b	27	85	8	4	4	-	1	1	4000	8	1
	Wick ...	999·1	-14	W	3	bc	24	75	8	8	4	-	2-3	4-6	1500	8	2
16	Lerwick ...	997·2	-22	NNW	3	bc	29	85	8	8	7	-	2-3	4-6	1500	8	*
17	Blacksod Point	1007·1	-2	-	0	b	34	95	8	1	-	-	1	1	2500	5	2
18	Malin Head ...	1004·0	-14	NNW	3	bc	38	75	7	8	-	-	4-6	4-6	2500	0	2
	Aldergrove ...	1003·7	-2	-	0	c	26	75	8	5	-	6	2-3	7-8	1500	8	*
19	Birr Castle ...	1005·7	+4	-	0	bc	26	95	8	5	-	-	4-6	7-6	2500	4	*
20	Valentia Obsy. †	1007·9	+6	NE	2	c	34	95	8	5	4	-	2-3	7-8	1500	5	2
	Roches Point	1005·8	+4	NNE	4	bc	34	95	8	5	-	-	2-3	7-3	2500	1	3

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 16th Hrs. (36)
1	London (Kew)	36	33	31	5	6	0·0
	Croydon ...	35	33	32	2	3·5	0·0
	S. Farnborough	34	32	30	6	7	0·0
	Boscombe Down	34	30	30	0·3	1	0·0
	Calshot (Sthmtn.)	41	33	32	-	2	0·0
	Lympne ...	37	33	31	1	6	0·0
	Manston ...	36	35	34	1	9	0·0
2	Shoeburyness ...	38	32	32	2	7	0·1
	Felixstowe ...	38	32	32	2	9	0·0
	Gorleston ...	38	33	33	0·1	7	0·0
	Mildenhall ...	37	33	30	0·6	6	0·3
	Cranwell ...	34	28	28	4	1	0·0
3	Birmingham ...	32	25	21	3	1	0·0
	Upper Heyford	33	31	30	0·2	0·6	*
4	Ross-on-Wye	32	28	23	1	1	0·0
5	Portland Bill ...	43	33	*	-	1	*
	Plymouth ...	43	33	31	Tr	-	0·0
	The Lizard ...	45	34	*	0·1	-	*
	Scilly (St. Mary's)	45	38	*	1	2	0·0
	Guernsey ..	43	35	35	-	10	0·0
6	Pembroke ...	37	33	*	2	-	0·0
7	Holyhead ...	38	36	32	0·3	-	0·1
	Chester (Sealand)	32	22	20	3	-	0·0
8	Manchester ...	33	17	6	2	-	0·0
10	Spurn Head ...	38	33	*	8	0·3	0·0
	Catterick ...	32	28	22	1	-	0·0
	Tynemouth ...	38	31	28	2	0·5	0·0
11	Inchkeith ...	35	29	23	-	-	0·2
	Leuchars ...	34	24	19	0·4	-	0·0
12	Renfrew (Abbots I.)	34	21	14	0·1	-	0·0
	Eskdalemuir ...	31	22	17	Tr	-	0·0
	Point of Ayre...	38	33	*	Tr	-	0·0
13A	Tiree	41	34	32	Tr	-	2·0
13B	Stornoway ..	36	30	*	0·4	2	1·8
15	Dalwhinnie ...	30	19	10	0·4	Tr	0·0
	Aberdeen ..	34	26	21	0·5	0·1	0·2
	Wick ...	38	24	*	0·1	0·1	*
16	Lerwick ...	33	25	*	Tr	Tr	3·3
17	Blacksod Point	41	32	*	Tr	0·2	*
18	Malin Head ...	41	37	*	0·4	Tr	0·7
	Aldergrove ...	34	26	17	0·1	-	1·9
19	Birr Castle ...	34	25	17	0·3	-	0·0
20	Valentia Obsy. †	41	31	25	-	1	2·7
	Roches Point	39	34	*	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	cs.orf	oFsrs	orsoss	36	33	31	5	6	0·0	*	*	6
Croydon ...	217	omps ir.	of rsr.	of rfs.	35	33	32	2	3·5	0·0	*	*	5
Greenwich (Royal Observatory) ...	149	cs. ~~csrcm~~	~~csrcm~~	~~csrcm~~	37	32	30	2	6	0·0	93	90	4
City (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	37	33	32	13		0·0	95	89	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	35	33	32	5	1	0·0	93	90	*
Camden Square ...	110	cmo	cr.	*	32	35	33	3	9	*	*	91	*
Kensington ...	80	bcco	rrsof	*	35	33	32	4	5	0·0	At 18h. 92	90	*
Hampstead Observatory ...	450	os	oss	oxm	34	31	25	5	6	0·0	*	99	*

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

South Kensington. Max.	Time.	Min.	Time.	Kew Observatory. Max.	Time.	Min.	Time.
2.0	14-16h 16th	<0·3	1-3h 17th	2·2	16h 16th	0·1	0-6h 17th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 16th January Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 17th January Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris ...	999·8	SSE	2	c3.	43	983·6	SSW	4	r.r.	48	43	43	-	16
Brussels ...	999·6	S'E	3	c	39	985·6	SSE	3	r.r.	41	39	37	0·1	9
Berlin ...	1009·5	SE'E	4	c	32	997·7	S'E	4	3.	30	36	28	-	-
Zürich ...	1009·9	NW	1	bc3.	36	1000·2	WNW	1	cm	34	41	32	-	-
Cork ...	1012·3	ESE	3	o	54	1009·9	SE	3	o	52	x	x	0·5	Tr

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 18th January, 1936.
No. 27085.

District	Stations. (For heights see p. 4.)	Obs. at 13h. G.M.T. 17th January: 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)	Obs. at 18h. G.M.T. 17th January: 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. 17th. (37)	13h.—18h. 17th. (38)	18h. 17th. to 1h. 18th. (39)	1h.—7h. 18th. (40)
1	London (Kew)	996·6	+22	NNW	4	cz$_o$	35	75	6	5	–	–	9	9	1500	1000·5	+20	NNW	2	bz$_o$	31	65	6	–	–	–	0	0	–	6	*	cm$_o$	cbz$_o$	bz$_o$	bcrr
	Croydon ...	995·7	+24	NNW	4	c/rs	35	85	5	5	7	–	9	9+	800	1000·0	+16	NW'W	3	bm	31	75	4	–	3	–	0	Tr	–	6	*	or$_o$s$_o$m	cm$_o$bm	bzbosf	cr$_o$s$_o$rr$_o$
	S. Farnborough	997·5	+22	NW	3	bc	34	75	6	5	–	–	4-6	4-6	2500	1001·2	+18	W'N	2	bc	28	75	6	–	–	4	0	2-3	–	8	*	cps$_o$mc	cbcm$_o$	bcb$_o$c	cr$_o$ir$_o$c
	Boscombe Down	999·5	+22	NW'N	3	b	33	75	7	–	2	–	0	1	–	1002·1	+16	W	3	b	26	75	7	–	–	–	0	0	–	1	*	om$_o$s$_o$	bbcb	bbcx	cr$_o$r$_o$c
	Calshot (Sthmtn.)	998·2	+30	NW	5	bcz$_o$	35	85	6	–	3	–	0	4-6	–	1002·2	+22	W'N	3	b	31	85	8	–	4	–	0	Tr	–	1	2	cir$_o$bcm$_o$	bcm$_o$bcb	bbxbc	bc$_o$c
	Lympne ...	1002·5	+24	N'W	5	c	36	85	6	5	1	–	7-8	10	800	998·8	+32	NW	4	bz$_o$	31	75	6	–	–	–	0	0	–	1	§2	os$_o$m$_o$	os$_o$cbm$_o$	bm$_o$bx	opss$_o$prr
	Manston ...	991·8	+16	NNE	6	q	37	85	7	5	2	–	4-6	10	1500	997·7	+30	NW	6	q	33	85	7	–	1	–	0	2-3	–	1	*	crcq	cqbq	bm$_o$bx	bcps$_o$r$_o$
2	Shoeburyness ...	994·2	+8	NNW	3	c	35	95	7	5	2	–	4-6	10	4000	998·4	+26	NNW	4	b	31	75	7	–	–	–	0	0	–	8	*	oc	cbx	bx	bccrr
	Felixstowe ...	993·1	+14	NNW	4	cz$_o$	36	85	6	5	–	8	2-3	9+	2500	997·6	+26	WNW	4	b	31	75	7	–	–	–	0	0	–	1	2	os$_o$cir$_o$	czbcbx	bx	bxbccir
	Gorleston ...	992·3	+4	NW	6	q	39	75	7	8	–	6	7-8	9+	1500	995·6	+16	NW'W	4	c	34	95	7	6	–	–	7-8	7-8	1500	1	3	cph$_o$r$_o$	cq	bccx	cqz
	Mildenhall ...	995·2	+14	N'E	4	bc/ps	32	85	5	5	7	–	4-6	4-6	1500	998·2	+16	NW	3	bz$_o$	28	85	6	–	–	–	0	0	–	8	*	cops$_o$bcm	bcbm$_o$	bm$_o$	bm$_o$c
	Cranwell ...	997·7	+6	NW'W	4	bc	28	75	7	–	8	–	0	2-3	–	998·2	+2	WSW	3	bm	26	75	4	–	–	–	0	0	–	8	*	cfbc	bcbz$_o$	bm$_o$c	cps m$_o$
3	Birmingham ...	999·7	+8	NNW	4	bm	30	75	4	–	–	–	0	0	–	1000·1	0	WSW	3	b	29	75	6	–	–	–	0	0	–	8	*	bcb	mb	bcc	c
	Upper Heyford	998·8	+18	NW	4	bz$_o$	32	75	5	–	3	–	0	Tr	–	1001·1	+14	W'N	3	bz$_o$	26	75	6	–	–	–	0	0	–	6	*	cbcbm$_o$	bz$_o$	bcs$_o$r$_o$s	s$_o$sss$_o$s
4	Ross-on-Wye	1000·5	+10	NW	2	b	34	75	8	1	–	1	Tr	1	4000	1001·3	+4	SW	2	b	30	65	8	5	–	–	Tr	Tr	2500	8	*	cbb	b	bcco	orrs
5	Portland Bill ...	1000·2	+20	NW	4	bc	38	85	8	4	–	–	4-6	4-6	2500	1002·4	+20	NW	3	bc	37	75	7	5	–	–	2-3	2-3	2500	1	3	op$_o$s	bcbc	bcc	
	Plymouth ...	1002·8	+14	NNW	5	c	40	65	8	7	3	6	2-3	7-8	2500	1004·5	+16	W'N	2	bc	38	85	7	4	–	–	4-6	4-6	2500	1	1	bbcz$_o$c	cbc	bcbbc	bccr$_o$rr
	The Lizard ...	1004·5	+14	NW	4	c	38	85	8	8	6	–	7-8	9+	2500	1005·9	+14	NW'W	4	bc	37	65	8	3	–	–	2-3	2-3	2500	1	3	cp$_o$c	cbc	bcq	bcprh
	Scilly (St. Mary's)	1005·0	+14	N	5	c/jp	41	65	8	8	4	8	7-8	9+	1500	1006·4	+6	NNW	4	bc	39	65	8	8	–	–	2-3	2-3	2500	1	2	rsphr	cbc	bbcc	cp$_o$pq
	Guernsey ...	1000·4	+32	N	6	c	38	75	7	5	–	–	7-8	7-8	2500	1003·2	+20	NW	4	bc	39	65	7	5	–	–	4-6	4-6	2500	1	4	orroc	cbcbc	bc	bccp$_o$
6	Pembroke ...	1002·2	+2	N	3	q	38	85	7	8	6	–	7-8	7-8	4000	1001·8	–2	W'N	5	q	40	65	8	8	–	–	7-8	7-8	2500	1	2	cqpsc	cbccq	cqprc	pqrrm$_o$
7	Holyhead ...	1001·3	–6	NW'N	3	bc	39	65	9	1	–	1	4-6	4-6	2500	997·7	–24	WSW	5	r	38	75	8	2	2	–	4-6	10	2500	1	3	bc	bc,cr$_o$	rphr$_o$	c
	Chester (Sealand)	1000·9	–2	NW	3	bcz$_o$	33	65	6	–	–	1	0	2-3	–	998·2	–16	SSW	2	cz$_o$	30	75	6	5	–	–	7-8	7-8	2500	8	*	bz$_o$	bz$_o$	cr$_o$s$_o$	c
8	Manchester ...	1000·1	+2	N'W	2	bz$_o$	31	75	6	–	–	1	0	1	–	997·9	–16	SW'S	3	c/f	25	85	4	5	–	8	2-3	7-8	5700	8	*	bxmm$_o$	bz$_o$bcfx	ps$_o$rs	cbcm$_o$
10	Spurn Head ...	994·7	+4	NNW	6	bcq	34	95	7	8	7	–	4-6	4-6	2500	995·9	+4	NW'W	5	bc	31	85	7	–	1	–	0	2-3	–	4	4	pfq	cqbc	qpsc	cq
	Catterick ...	998·4	–8	NW'N	3	bc	33	65	8	–	9	2	0	4-6	–	999·9	–32	SSE	1	b	29	65	8	–	–	6	0	7-8	–	8	*	bcbbc	bbcc	cps$_o$bc	bc
	Tynemouth ...	997·5	–10	NW	3	bc	29	75	6	2	–	2	4-6	4-6	2500	993·3	–24	W	2	om	31	65	4	5	–	–	10	10	1500	8	1*	bc	bcom	omps$_o$	cprs
11	Inchkeith ...	987·3	–24	SW	4	cz$_o$	35	75	6	5	–	7	2-3	10	1500	989·2	–50	S	5	c/ps	35	85	7	5	7	–	4-6	7-8	2500	4	4	bccz$_o$	z$_o$psc	cbcps	bcb
	Leuchars ...	996·3	–30	SW	3	c	34	75	8	4	7	–	1	9	2500	986·6	–42	SW	4	ss	33	95	4	–	2	–	10	10	800	6	*	bcxc	cos$_o$s$_o$m$_o$	os$_o$s$_o$mc	cb
12	Renfrew (Abbots I.)	997·0	–40	SW'S	3	cz$_o$	35	75	5	5	*1	6	4-6	9+	1500	990·2	–24	WNW	5	bc	35	65	8	3	–	–	1	1	2500	5	*	bbccx	ssr$_o$s$_o$qb	bbcqb	b
	Eskdalemuir ...	998·1	–20	SSW	2	bc	29	75	8	5	7	1	Tr	2-3	1500	990·2	–48	SSW	6	ss	31	95	4	–	2	–	10	10	800	8	*	bcx	bcoss	osmbc	bbcb
	Point of Ayre ...	1000·5	–12	NW	2	bc	37	55	8	2	5	–	1	2-3	2500	993·7	–40	W'N	7	rs	37	95	6	5	–	–	10	10	450	1	4	bc	bcors	prsbc	bc
13A	Tiree ...	994·1	–46	NW'W	5	c/pr	41	85	8	8	6	–	9	9+	1500	993·7	+4	NNW	7	bc	37	75	8	8	6	–	4-6	4-6	1500	1	4	cPR	cbc	bcph	bc
13B	Stornoway ...	990·6	–36	NNW	7	prs	35	85	7	5	7	–	4-6	7-8	1500	992·2	+40	N	7	s$_o$s$_o$	31	95	6	5	7	–	7-8	9+	1500	6	4	bccprs	cs$_o$s$_o$	ps ph$_o$	php$_o$s
15	Dalwhinnie ...	994·7	–44	SW	2	is	28	85	5	4	2	–	7-8	10	2500	986·9	–40	SW	4	is	28	85	6	5	–	–	10	10	1500	8	*	c	isc	*	ksocbc
	Aberdeen ...	993·9	–36	SW	2	c	31	75	7	–	2	6	0	9	–	987·0	–40	SSW	2	s$_o$s$_o$	31	95	6	–	2	–	10	10	4000	8	1	bz$_o$c	cbss	os$_o$s$_o$	bcb
	Wick ...	992·2	–36	SW	3	c	34	85	8	8	7	–	7-8	10	1500	988·5	–2	NE	5	sf	32	85	3	5	–	–	10	10	<150	9	3	bcc	oss	cpsc	cps$_o$
16	Lerwick ...	992·5	–20	WNW	2	bc	30	75	8	8	3	2	2-3	4-6	1500	989·9	–12	WNW	1	bc	30	75	8	5	–	–	4-6	4-6	1500	8	*	bc	bc	bcps$_o$	bcps$_o$
17	Blacksod Point	1003·3	–34	W	4	c	43	85	7	8	–	–	9	9	800	1000·6	–6	WNW	4	c	43	95	7	9	–	–	10	10	800	1	4	prcq	PRcq	prc	prc
18	Malin Head ...	997·4	–52	SW'S	4	ic$_o$	39	95	7	6	2	–	7-8	10	1500	995·7	+6	NNW	5	cjp	41	85	7	8	–	–	9+	9+	1500	0	3	bcc	circ	cbcph	bc
	Aldergrove ...	1000·6	–24	SSW	3	c	34	85	8	8	3	–	4-6	7-8	2500	995·4	–4	NW'W	6	rr	35	95	6	6	2	–	4-6	10	1500	3	*.	clovxbcx	cs$_o$d$_o$r	crc	cbc
19	Birr Castle ...	1005·0	–12	SW	1	bc	37	85	8	5	–	9	1	2-3	2500	1000·8	–22	SW	1	r	38	95	7	6	–	–	10	10	2500	1	*	bc	bcor	oir	irbcx
20	Valentia Obsy. †	1008·4	–2	SW	2	c	41	85	8	7	–	–	9+	9+	1500	1005·7	–12	WNW	6	pr	44	85	8	5	–	–	9+	9+	1500	1	3	cxpsc	cvir$_o$prspq	cpr$_o$c	cpr.ifc
	Roches Point	1006·9	+4	NNW	2	bc	39	75	8	5	–	–	2-3	2-3	1500	1004·5	–6	W'N	3	c	39	75	8	5	3	–	4-6	7-8	1500	1	3	bc	bcc	cbc	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.
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.

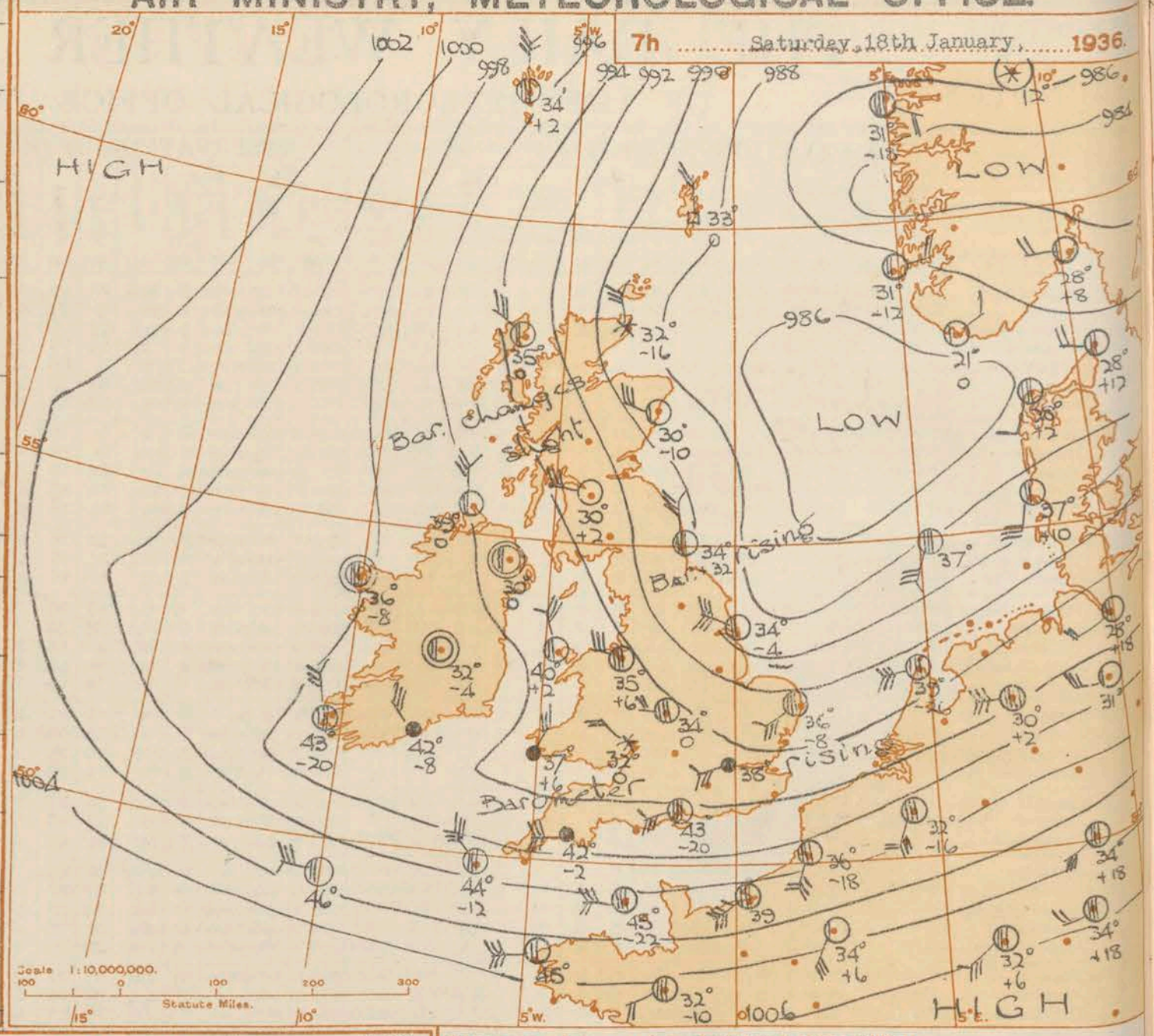
REPORTS from HEALTH RESORTS for Friday, 17th January, 1936.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	o	obco	32	35	6	–	0·3
	Bournemouth	o	b	32	37	5	–	3·7
	Ventnor ...	obc	bz	32	37	2	6	3·8
	Southsea ...	oc	bcb	34	37	4	–	3·2
	Bognor Regis	r,c	cbcbc	33	36	2	Trace	2·1
	Littlehampton	cbc	bc	33	36	2	–	1·9
	Worthing ...	cd,	cbc	33	37	3	Trace	1·6
	Brighton ...	c	cb	33	37	3	–	1·0
	Eastbourne†	o	ocb	33	39	5	–	0·2
	Hastings† ...	oc	cbcb	33	38	10	–	0·4
	Folkestone ...	orso	ocbcb	34	38	13	1	0·0
	Dover... ...	roc	cbcm	35	38	13	0·3	0·0
	Deal	r	o	35	40	8	0·3	0·0
	Ramsgate ...	rc	c	35	39	9	0·3	0·0
	Margate ...	cd	c	35	40	10	Trace	0·0
2	Southend ...	o	ccbcb	33	36	10	–	1·1
	Maldon ...	sc	cb	33	35	8	–	1·0
	Clacton-on-Sea	oc	cbc	32	36	11	–	0·2
	Dovercourt ...	soc	bc	33	37	10	–	0·3
	Lowestoft ...	osprs	d,bc	33	39	8	Trace	0·8
	Skegness ...	bz,s	bc	32	38	6	Trace	4·0
	Mablethorpe	cbcc	cr,sbc	33	39	3	Trace	3·3
	Cleethorpes ...	ocs,	bc	32	37	2	Trace	3·0
3	Leamington S.	mb	b	27	33	4	–	4·7
4	Cheltenham†	ocbcb	bbcb	27	34	2	–	5·7
5	Bath	cbcb	bbcb	31	36	Trace	–	5·1
	Weymouth ...	cb	b.	33	40	0·2	–	5·1
	Jersey ...	rrcbc	bcc	36	40	19	2	2·2
	Torquay ...	bm,b	bz,	33	40	0·1	–	6·3
	Penzance ...	cbcrs	bcbb	38	43	0·3	0·6	3·4
	St. Ives ...	c	c	38	42	–	–	2·4
	Bude	bc	bc	34	41	1	–	4·5
	Ilfracombe ...	cbc	bcc	34	40	1	–	3·0
6	Aberystwyth	cbc	bcc	25	40	–	–	5·3
7	Llandudno ...	bc	bbc	32	38	–	–	5·0
	Colwyn Bay...	bcbcb	bcbcb	31	37	–	–	5·0
	Rhyl	b	bbc	31	37	–	–	6·7
8	Wallasey ...	b	bbc	27	35	–	–	6·8
	Southport‖ ...	b	bbcco	24	37	–	–	6·4
	Blackpool ...	cbc	bcc	25	36	–	–	6·0
	Morecambe ...	xb	bcbbc	28	37	–	–	6·3
9	Ilkley... ...	bc	bc	25	35	–	–	7·1
	Harrogate ...	bcb	bcb	26	32	Trace	–	5·7
10	Berwick-on-T.	oc	cso	28	33	0·4	0·3	3·0
11	Dunbar ..	bcx	cps	27	35	–	0·3	2·4
12	Troon... ...	xcbco	orsrs	21	40	+	4	1·4
	Douglas ...	bcxbc	cbp,s	27	39	–	0·3	5·7

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Saturday, 18th January, ... 1936.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 18th January, 1936.
1 S.E. England 2 E. England ...	Light northwest to variable wind, probably easterly tomorrow; cloudy, occasional rain, sleet or snow, chiefly near South Coast; cold, slight frost inland at night.
3 E. Midlands ... 4 W. Midlands ...	Light northwest to variable wind, probably easterly tomorrow, mainly fair at first, perhaps local snow or sleet tomorrow; local fog; cold, frost night and morning.
5 S.W. England 6 South Wales ...	Wind becoming variable, light, freshening from east tomorrow; rain at times; snow locally on high ground; rather cold.
7 North Wales ...	As 2 - 4.
8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Wind northwest or north, mainly light or moderate but fresh and squally at times locally; bright periods, local showers of snow, hail or sleet; cold, frost at night.
13 A. W. Scotland. B. N.W. Scotland.	Moderate or fresh north wind; intermittent snow, brighter intervals; cold.
14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	
17 N. W. Ireland 18 N. E. Ireland	As 7 - 13A.
19 S. E. Ireland 20 S. W. Ireland	As 5.

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 7/10 to 9/10 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 complex low pressure area will persist over South Scandinavia and the North Sea. A trough is moving slowly south over our southern districts and is tending to become stationary owing to development at its western extremity off West Ireland.
A depression near the Azores is advancing slowly.
Weather will continue cold and unsettled.

FURTHER OUTLOOK.

Some rain, sleet or snow in the South; bright periods and local snow showers in northern districts; considerable snowfall continuing in North Scotland.

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, 18th January 1936.
No. 27085.

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

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	999.3	-18	SW	4	c/s	31	95	7	-	2	-	10	10	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1000.4	-10	SW'W	3	bc	27	85	7	5	1	-	1	2-3	4000
	Manston ...	142	999.1	-10	SW	4	b	29	85	7	-	-	*	0	0	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	995.0	-30	SW'S	4	c	29	95	6	8	1	-	2-3	9	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	999.3	-22	W	6	c	44	65	8	4	-	-	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1003.3	-12	W	7	bc	44	75	8	4	-	-	2-3	2-3	4000
	Scilly (St. Mary's)	163	1003.4	-16	WNW	6	bc	45	75	8	8	-	-	2-3	2-3	2500
	Guernsey ..	175	1001.4	-10	W	4	bc	40	65	7	5	-	-	4-6	4-6	2500
6	Pembroke ...	142	996.1	-10	W'N	8	pr	45	85	7	8	2	-	7-8	10	2500
7	Holyhead ...	26	994.9	+4	NW'W	5	pr	40	85	7	9	-	-	9+	9+	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	990.0	-12	WSW	6	c	33	95	6	3	2	-	4-6	7-8	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	985.7	-18	W	3	c/ps	32	85	7	6	-	-	7-8	7-8	1500
11	Inchkeith ...	190	988.2	+16	NNW	5	c/ps	33	95	6	5	-	-	7-8	7-8	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	993.0	+12	NNW	7	bc	39	65	8	2	-	-	2-3	2-3	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	994.4	+6	NNW	3	bc	30	95	8	8	7	-	2-3	4-6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	990.3	-6	NW	3	c	31	95	8	8	1	-	4-6	7-8	1500
16	Lerwick ...	156	987.7	-6	NW	1	ps.	31	95	8	9	-	-	4-6	4-6	800
17	Blacksod Point	18	999.1	-6	N	4	c	40	95	7	8	-	-	10	10	800
18	Malin Head ...	52	996.5	+6	N'W	4	bip	39	75	7	3	-	-	1	1	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1000.2	-30	W'S	5	o	46	85	7	5	-	-	10	10	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	994.8	-18	WSW	2	r.r.	37	95	6	6	2	-	10	10	1500	6	*
	Croydon ...	994.4	-18	W'S	4	r.r.	38	95	7	-	2	-	10	10	1500	3	*
	S. Farnborough	994.3	-16	W'S	3	ir.	38	95	7	5	2	-	9	10	1500	3	*
	Boscombe Down	994.8	-18	SW'W	4	c	39	95	7	5	1	-	2-3	10	1500	1	*
	Calshot (Sthmtn.)	996.3	-20	WSW	4	c	43	85	8	5	7	6	2-3	9+	2500	1	§2
	Lympne ...	995.8	-22	SWW	4	c/r	38	95	7	5	2	-	9	10	2500	1	§4
	Manston ...	994.7	-24	S	3	rr	38	95	7	6	2	-	4-6	10	800	1	*
2	Shoeburyness ...	994.8	-20	W	3	rr	37	95	7	6	2	-	7-8	10	800	3	*
	Felixstowe ...	994.5	-6	W	4	rs	35	85	6	5	2	-	4-6	10	1500	1	3
	Gorleston ...	992.0	-8	SW'W	4	c	36	95	7	8	-	-	9	9	2500	6	2
	Mildenhall ...	992.8	-8	W'N	3	c	35	85	7	5	2	-	7-8	9+	2500	8	*
	Cranwell ...	992.5	+2	WSW	4	c3.	32	75	6	5	1	6	1	9+	4000	8	*
3	Birmingham ...	994.9	0	WNW	2	c	34	75	5	-	7	-	0	9+	-	8	*
	Upper Heyford	995.3	-4	NW	3	s.s.	32	95	5	-	2	-	10	10	1500	6	*
4	Ross-on-Wye	995.6	0	NW	2	ps	32	95	7	5	-	-	10	10	1500	6	*
5	Portland Bill ...																
	Plymouth ...	997.8	-20	W	6	ir.	42	95	7	6	2	-	9	10	1500	1	3
	The Lizard ...	999.0	-20	W'S	7	c/ph(r)	44	85	8	8	2	-	7-8	10	1500	1	4
	Scilly (St. Mary's)	999.5	-12	NW	6	c q	44	85	8	9	6	-	4-6	10	1500	1	4
	Guernsey ..	1001.2	-22	W	5	c	45	65	7	8	-	-	7-8	10	2500	1	4
6	Pembroke ...	994.8	+6	NE	3	r.r.	37	95	7	6	-	-	10	10	1500	1	3
7	Holyhead ...	994.6	-2	NNW	4	bc	40	65	8	2	2	2	2-3	7-8	2500	1	3
	Chester (Sealand)	994.3	+6	NW'W	3	c	35	75	7	-	1	-	0	7-8	-	8	*
8	Manchester ...	993.4	+4	NNW	4	bc3.	32	85	6	5	7	-	2-3	4-6	4000	8	*
10	Spurn Head ...	988.2	-4	WNW	6	bcq	34	85	7	5	7	-	2-3	4-6	2500	6	5
	Catterick ...	991.5	+28	NNW	4	bc	32	65	8	8	-	-	4-6	4-6	2500	8	*
	Tynemouth ...	990.2	+32	N	4	c/rs	34	95	7	9	-	-	7-8	7-8	1500	8	3
11	Inchkeith ...	991.8	+2	NW	5	b	32	85	8	5	-	-	1	1	2500	4	3
	Leuchars ...	991.6	+2	WNW	3	bc	30	75	8	8	-	-	2-3	2-3	2500	8	*
12	Renfrew (Abbots I.)	994.0	+2	W'N	3	b	30	85	9	-	-	-	0	0	-	5	*
	Eskdalemuir ...	993.1	+10	NW	4	b	27	75	8	4	-	-	Tr	Tr	1500	8	*
	Point of Ayre...	994.3	+2	N'E	4	bc	37	65	8	-	4	-	0	2-3	-	4	3
13A	Tiree	995.7	-2	NNW	4	bc	37	75	8	8	-	-	2-3	2-3	2500	6	-
13B	Stornoway ...	993.6	0	NW	3	bc/ph(r)	35	75	8	8	7	3	2-3	4-6	1500	8	2
15	Dalwhinnie ...	993.2	-6	NW	1	c	28	85	8	4	6	-	2-3	10	2500	8	*
	Aberdeen ...	989.3	-10	WNW	3	b	30	85	7	3	-	-	1	1	2500	9	1
	Wick ...	988.5	-16	NNW	4	ps.	32	95	7	8	7	-	7-8	9	1500	9	2
16	Lerwick ...	988.7	0	NW	2	bqp	33	85	8	8	-	-	4-6	4-6	1500	8	*
17	Blacksod Point	998.1	-8	-	0	0	36	95	7	5	-	-	10	10	800	1	3
18	Malin Head ...	996.1	0	N'W	4	bc	39	85	8	2	-	-	2-3	2-3	2500	4	3
	Aldergrove ...	996.0	0	-	0	bc	29	85	8	5	7	6	1	4-6	4000	4	*
19	Birr Castle ...	997.9	-4	-	0	bc	32	95	8	5	-	-	2-3	2-3	2500	.	*
20	Valentia Obsy. †	997.0	-20	NNW	4	c/r	43	95	8	6	-	-	7-8	7-8	800	1	4
	Roches Point	997.0	-8	NW	3	ir	42	95	6	6	-	-	10	10	1500	1	2

PAST 24 HOURS.

Stations	Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 17th Hrs. (36)
London (Kew)	36	27	20	-	2	2.0
Croydon ...	35	27	23	0.6	2	0.0
S. Farnborough	35	22	14	Tr	1	0.8
Boscombe Down	33	26	19	-	1	3.5
Calshot (Sthmtn.)	36	29	25	Tr	-	3.8
Lympne ...	36	25	19	1	1	0.3
Manston ...	38	27	23	1	1	0.0
Shoeburyness ...	35	28	23	-	3	1.5
Felixstowe ...	37	26	24	1	0.5	0.0
Gorleston ...	40	27	25	0.1	0.1	0.4
Mildenhall ...	35	22	19	0.6	-	2.6
Cranwell ...	31	21	18	-	1	4.7
Birmingham ...	30	27	23	-	-	5.2
Upper Heyford	33	24	18	-	2	*
Ross-on-Wye	36	28	20	-	2	6.7
Portland Bill ...			*	-		*
Plymouth ...	41	36	30	-	2	5.5
The Lizard ...	42	37	*	Tr	2	*
Scilly (St. Mary's)	42	39	*	1	1	2.7
Guernsey ..	40	38	30	2	0.1	3.6
Pembroke ...	40	36	*	1	6	3.0
Holyhead ...	40	37	36	Tr	8.2	6.1
Chester (Sealand)	33	29	25	-	0.5	6.4
Manchester ...	31	25	8	0.2	2	5.6
Spurn Head ...	38	28	*	3	0.4	3.4
Catterick ...	32	29	16	-	0.2	6.6
Tynemouth ...	31	30	27	-	0.4	4.2
Inchkeith ...	36	31	26	0.1	Tr	2.6
Leuchars ...	35	25	13	0.2	1	2.0
Renfrew (Abbots I.)	36	27	23	4	-	2.0
Eskdalemuir ...	31	25	15	4	0.4	1.9
Point of Ayre...	40	35	*	2	0.4	4.9
Tiree	42	34	33	2	0.5	9.3
Stornoway ...	36	28	*	2	3	0.1
Dalwhinnie ...	30	26	24	2	0.6	0.1
Aberdeen ...	33	25	*	3	4	2.0
Wick ...	34	23	*	0.5	0.2	*
Lerwick ...	31	28	*	-	Tr	1.7
Blacksod Point	43	33	*	4	6	*
Malin Head ...	44	32	*	1	0.3	0.3
Aldergrove ...	35	26	20	0.6	Tr	2.4
Birr Castle ...	39	31	28	0.2	3	2.3
Valentia Obsy. †	45	43	39	2	4	1.6
Roches Point	42	33	*	-	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	c m.	cb3.	b3.bcrr	36	27	20	-	2	2.0	*	*	5
CROYDON ...	217	or.s.m	cm.bm	b3.ps1r.	35	27	23	0.6	2	0.0	*	*	3
GREENWICH (Royal Observatory)...	149	cmrs.m	cbcm.	bcscms	35	28	22	Tr	4	1.0	74	94	4
CITY (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	1.2	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	38	29	25	4		1.5	67	91	*
REGENTS PK. (Botanic Gardens)‡...	168	*	*	*	37	28	23	Tr	3	1.9	78	95	*
CAMDEN SQUARE ...	110	c	cb	*	35	29	26	-	3	x	*	98	*
KENSINGTON ...	80	cob3	bc3	*	35	29	22	-	4	1.8	At 18h. 70	91	*
HAMPSTEAD OBSERVATORY ...	450	osm	bcm	oxrs	33	25	15	0.4	3	1.9	*	99	*

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	18-19h 17th	<0.3	4.5h 18th

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
0.5	16h 17th	0.1	2-6h. 18th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 17th January. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 18th January. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
PARIS ...	998.1	WSW	5	c/r	37	1004.7	SSW	3	b	34	48	32	12	-
BRUSSELS ...	992.3	NW	2	c	34	998.7	SSW	5	c/s	32	43	28	13	-
BERLIN ...	988.6	SSE	4	c	34	997.5	W'S	4	s.s.	32	36	32	0.2	0.1
ZURICH ...	998.4	SW	4	ir.	39	1010.0	WSW	1	bc	32	45	32	0.4	1
ROME ...	1003.4	SSE	6	o	55	1004.5	WSW	8	bc3.	54	x	x	3	-

EXPLANATION OF FIGURES, LETTERS, ETC.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 19th January, 1936.
No. 27086.

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

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)	995·5	-2	W'N	1	bcm	35	95	4	-	-	8	0	4-6	-
	Croydon ...	995·3	-8	WNW	3	bcz₀	35	85	5	-	7	4	0	4-6	-
	S. Farnborough	995·7	-10	-	0	bcz₀	35	95	5	-	3	2	0	4-6	-
	Boscombe Down	996·4	-2	-	0	cf-	34	95	3	5	3	-	4-6	7-8	800
	Calshot (Sthmtn.)	996·6	+8	-	0	c	35	95	7	5	5	3	1	7-8	1500
	Lympne ...	995·9	-2	W'N	1	ss	32	95	4	-	2	-	10	10	800
	Manston ...	995·0	0	W'S	2	cz₀	35	95	6	5	-	6	7-8	9	4000
2	Shoeburyness ...	995·1	-2	WNW	2	c	36	85	5	-	7	7	0	10	-
	Felixstowe ...	994·5	+2	WNW	4	c	37	65	7	-	5	8	0	7-8	-
	Gorleston ...	995·6	+8	WNW	3	c	35	85	6	5	-	-	7-8	7-8	2500
	Mildenhall ...	994·7	+10	NWN	2	cz₀	35	75	6	-	3	6	0	7-8	-
	Cranwell ...	994·9	+10	W	3	cz₀	32	75	5	-	7	5	0	7-8	-
3	Birmingham ...	996·3	+2	NW	2	cm	34	75	4	-	1	-	0	7-8	-
	Upper Heyford	996·2	+4	NW	3	cz₀	35	75	6	-	1	6	0	9	-
4	Ross-on-Wye	996·5	+6	W	2	c	37	75	8	1	1	-	Tr	9+	4000
5	Portland Bill ...	995·9	+4	NW	3	c	45	95	7	4	4	-	4-6	7-8	2500
	Plymouth ...	997·1	-2	NNW	2	ir₀	41	95	6	6	2	-	7-8	10	1500
	The Lizard ...	997·2	-6	~~NNW~~ WSW	6	c	44	95	8	9	2	-	7-8	9+	1500
	Scilly (St. Mary's)	996·8	-16	NNW	6	cc₀	48	75	8	9	-	-	9+	9+	1500
	Guernsey ...	999·1	-12	W	6	c	47	75	8	5	1	-	7-8	9	2500
6	Pembroke ...	995·9	0	S	1	pr	40	75	7	5	2	-	7-8	10	1500
7	Holyhead ...	995·7	0	NWW	2	c	41	65	9	8	-	6	2-3	7-8	4000
	Chester (Sealand)	996·0	+4	W	1	cz₀	36	65	6	1	-	2	Tr	7-8	2500
8	Manchester ...	995·5	+6	WN	3	bcz₀	35	75	5	-	3	2	0	4-6	-
10	Spurn Head ...	992·7	+10	NW	5	bc	33	85	7	5	7	8	2-3	4-6	2500
	Catterick ...	993·5	+2	W'N	2	b	35	65	8	-	4	-	0	1	-
	Tynemouth ...	991·5	+2	W	2	bc	33	95	7	2	-	-	2-3	2-3	1500
11	Inchkeith ...	992·2	0	SW	3	bcz₀	35	75	6	5	-	-	4-6	4-6	1500
	Leuchars ...	99·3	+8	W	4	b	35	65	9	7	-	-	1	1	4000
12	Renfrew (Abbots I.)	993·8	-2	W	3	bc	36	85	9	5	-	2	1	2-3	2500
	Eskdalemuir ...	993·3	0	NWW	4	bc	32	75	8	2	-	1	2-3	2-3	2500
	Point of Ayre...	995·0	0	NNW	4	bc	40	65	8	2	-	4	1	4-6	1500
13a	Tiree ...	995·1	-4	NW	3	c	41	65	9	8	-	3	7-8	7-8	2500
13b	Stornoway ...	994·4	+2	N	3	c/phr	35	85	8	8	7	2	4-6	4-6	2500
15	Dalwhinnie ...	992·9	+2	NW	2	c	33	95	8	4	6	-	4-6	9	2500
	Aberdeen ...	993·3	+14	NW	3	bc	32	95	8	8	-	-	2-3	2-3	2500
	Wick ...	990·6	+4	WNW	3	c	33	85	8	8	7	-	4-6	7-8	1500
16	Lerwick ...	986·2	-24	W'S	3	prs	35	85	7	8	2	-	7-8	9	800
17	Blacksod Point	997·7	-6	E	1	bc	41	75	9	-	3	-	0	4-6	-
18	Malin Head ...	996·0	-4	NWN	2	phr	39	85	7	3	-	-	4-6	4-6	1500
	Aldergrove ...	995·9	-4	SW	1	bc	38	75	8	8	-	3	1	4-6	2500
19	Birr Castle ...	998·0	-6	W	1	c	34	95	7	5	-	-	7-8	7-8	2500
20	Valentia Obsy. †	996·3	-6	NE'N	2	c	41	85	9	5	-	7	7-8	9+	1500
	Roches Point	997·8	-6	E'N	2	c	39	75	8	5	-	-	7-8	7-8	1500

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

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)	997·4	+12	SW	1	cm	33	95	4	-	1	7	0	9+	-	6	*
	Croydon ...	997·2	+12	WSW	1	cm	30	95	4	-	-	6	0	9+	-	6	*
	S. Farnborough	997·4	+6	-	0	cm	31	95	4	-	-	7	0	10	-	8	*
	Boscombe Down	997·8	+6	-	0	cz₀	32	95	5	-	2	-	0	10	-	7	*
	Calshot (Sthmtn.)	997·6	+4	NW	1	c	36	95	8	-	-	7	0	10	-	1	0
	Lympne ...	997·9	+8	NW	1	OF+	30	95	1	5	-	-	10	10	<150	6	§ 1
	Manston ...	997·1	+14	WNW	2	bcz₀	32	85	6	-	-	1	0	2-3	-	1	*
2	Shoeburyness ...	997·2	+12	-	0	c	31	85	5	4	7	7	1	10	5700	5	*
	Felixstowe ...	996·8	+14	WNW	2	bcz₀	33	75	6	-	7	-	0	2-3	-	1	1
	Gorleston ...	995·4	+12	W'N	2	bc	31	85	6	5	-	-	4-6	4-6	2500	6	2
	Mildenhall ...	996·3	+4	W'N	2	bz₀	29	85	6	-	-	-	0	0	-	8	*
	Cranwell ...	996·3	+10	W'S	2	cm	27	95	4	-	7	8	0	9	-	8	*
3	Birmingham ...	997·0	+6	WSW	2	bcm	32	75	4	-	1	-	0	4-6	-	8	*
	Upper Heyford	997·2	+4	NW	2	cz₀	32	85	6	-	1	8	0	9+	-	6	*
4	Ross-on-Wye	997·1	+6	E'S	1	bm	32	85	4	-	-	1	0	Tr	-	6	*
5	Portland Bill ...	996·6	+6	E	3	rr	39	85	7	5	-	-	10	10	1500	1	3
	Plymouth ...	995·7	-10	E	1	ir	41	95	6	6	2	-	9+	10	800	1	2
	The Lizard ...	995·4	-6	W'N	5	pr	45	85	8	6	6	-	7-8	10	1500	1	3
	Scilly (St. Mary's)	995·1	-4	NNW	5	c/pr	45	95	8	8	4	4	7-8	9	1500	1	3
	Guernsey ...	998·7	0	WSW	3	bc	45	75	7	3	-	-	4-6	4-6	2500	1	3
6	Pembroke ...	995·6	-4	SSE	2	c	38	75	7	5	7	-	2-3	7-8	2500	1	2
7	Holyhead ...	996·1	+2	NW	2	c	39	65	8	7	-	8	2-3	7-8	4000	1	2
	Chester (Sealand)	996·5	+6	-	0	cz₀	28	75	5	5	1	-	9	10	2500	8	*
8	Manchester ...	996·0	+10	WSW	1	cz₀	28	85	5	5	5	2	1	9	2500	8	*
10	Spurn Head ...	995·1	+4	W'N	4	bcz₀	32	85	5	-	2	-	0	2-3	-	4	3
	Catterick ...	994·3	+4	WNW	2	bc	30	75	8	4	5	-	1	2-3	2500	8	*
	Tynemouth ...	992·6	+6	WNW	3	bc	32	95	7	5	-	-	2-3	2-3	1500	8	2
11	Inchkeith ...	992·4	+6	WSW	2	bc	35	85	8	5	-	-	2-3	2-3	2500	4	1
	Leuchars ...	992·7	+4	WNW	3	b	32	65	8	-	-	-	0	0	~~220~~	8	*
12	Renfrew (Abbots I.)	994·3	+6	W	2	b	30	85	7	5	-	-	Tr	Tr	2500	5	*
	Eskdalemuir ...	994·0	+6	WNW	3	bc	29	85	7	2	-	1	2-3	2-3	2500	8	*
	Point of Ayre...	995·3	+4	NNW	4	bc	35	75	8	2	-	-	4-6	4-6	1500	1	2
13a	Tiree ...	995·1	+2	NNE	4	c/p	37	85	9	8	-	3	7-8	7-8	1500	1	2
13b	Stornoway ...	994·1	0	NW	2	c/ph	34	85	7	8	7	-	4-6	7-8	1500	6	1
15	Dalwhinnie ...	993·7	+6	NW	1	bc	20	85	8	4	6	-	1	2-3	4000	8	*
	Aberdeen ...	990·6	+2	W'N	4	bc	31	85	8	8	-	-	2-3	2-3	2500	9	1
	Wick ...	988·9	-8	NNW	4	c/pr	37	85	8	8	6	-	7-8	9	1500	9	2
16	Lerwick ...	986·6	+4	NNE	3	c	35	85	8	9	-	-	7-8	7-8	800	8	*
17	Blacksod Point	997·0	-4	E	2	c	38	75	8	-	7	-	0	10	-	0	5
18	Malin Head ...	995·5	+4	NW	1	bc	39	85	7	3	-	-	2-3	2-3	1500	2	2
	Aldergrove ...	996·3	+2	W	1	bc	30	95	8	8	1	6	2-3	4-6	2500	1	*
19	Birr Castle ...	996·9	-4	-	0	cf	28	95	3	5	-	-	10	10	2500	1	*
20	Valentia Obsy. †	995·0	-2	E	2	bc	37	85	8	5	-	-	4-6	4-6	1500	1	2
	Roches Point	994·0	-10	-	0	c	41	95	9	5	2	-	7-8	10	1500	1	2

PAST 24 HOURS.

District	Stations	Weather. 7h.—13h. 18th. (37)	13h.—18h. 18th. (38)	18h.—1h. 18th.–19th. (39)	1h.—7h. 19th. (40)
1	London (Kew)	cr₀ossbc	bcmcm	cmcf	ofx
	Croydon ...	ofs₀cm₀	bcm₀cmx	cbcmx	cmFfx
	S. Farnborough	rssscbc	bcmcfm	bfoFx	FFfxo
	Boscombe Down	rrssF	cffm₀	ocm₀	cir₀m₀
	Calshot (Sthmtn.)	crcmcsse	ccccm₀	ccs₀s₀	cr₀r₀
	Lympne ...	crssm₀	cfbcf	osfcmx	cm₀fism
	Manston ...	rrsscm₀	m₀cbc	bxfm	bxfcm
2	Shoeburyness ...	bresh	cm₀	bcm₀x	cmfx
	Felixstowe ...	cir₀s₀bc	bccbz₀	bz₀x	xbcmx
	Gorleston ...	cqcz₀	cz₀z₀	bcz₀x	bbcz₀x
	Mildenhall ...	c	cm₀x	bcm₀	bcm₀
	Cranwell ...	cz₀	cz₀cm		bmbcm₀
3	Birmingham ...	bcm	bc	bcb	bbc
	Upper Heyford	os₀c	c	bccx	cpcx
4	Ross-on-Wye	c	cbc	bmf	bfbccm
5	Portland Bill ...	prc	crr	o	orrc
	Plymouth ...	corrr₀m	cnirim₀	crirrcm	cir₀
	The Lizard ...	cprc	cpRc	prc	cprbc
	Scilly (St. Mary's)	pqprs	cpq₀p₀	bcpc	cbc
	Guernsey ...	c	cprbc	bccp.b	bbcbc
6	Pembroke ...	oir₀pr₀c	c	bc	cm₀
7	Holyhead ...	c ⊕	cy ⊕	bcwbx	bxm₀
	Chester (Sealand)	c	cz₀	cz₀	c
8	Manchester ...	bcmz₀	bccz₀	cf	cfbFx
10	Spurn Head ...	qpsc	cbcz	ffmbc	bmc
	Catterick ...	b	b	bbcb	b
	Tynemouth ...	cbc	bc	bcb	bbc
11	Inchkeith ...	bcz₀	zcbc	bc3.3	bcz₀z
	Leuchars ...	b	b	b	bx
12	Renfrew (Abbots I.)	bbcb	obcb	b	bm₀x
	Eskdalemuir ...	b	bbcb	bx	bx
	Point of Ayre...	bcc	cbc	phcph	bc
13a	Tiree ...	bvbc	bcpr	pr₀s	bc
13b	Stornoway ...	bccphr	cpph	ph₀ps	cpdh
15	Dalwhinnie ...	tsc	c	*	bbc
	Aberdeen ...	bcps	ps₀bc	b	ps.b
	Wick ...	cps₀c	cphsr	cprsc	cis
16	Lerwick ...	bccprs	cosscps	cpsh	cpsh
17	Blacksod Point	cbc	c	c	cc
18	Malin Head ...	cph	cbc	jpbc	bcp₀b₀
	Aldergrove ...	bc ⊕	bc	bcbx	bxbc⊕
19	Birr Castle ...	bcc	coff	offbc	bccx
20	Valentia Obsy. †	ihir₀c	c	cir.rr	cprorr
	Roches Point	circ	c	cpr₀c	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.
ip, 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.
ns, 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.*

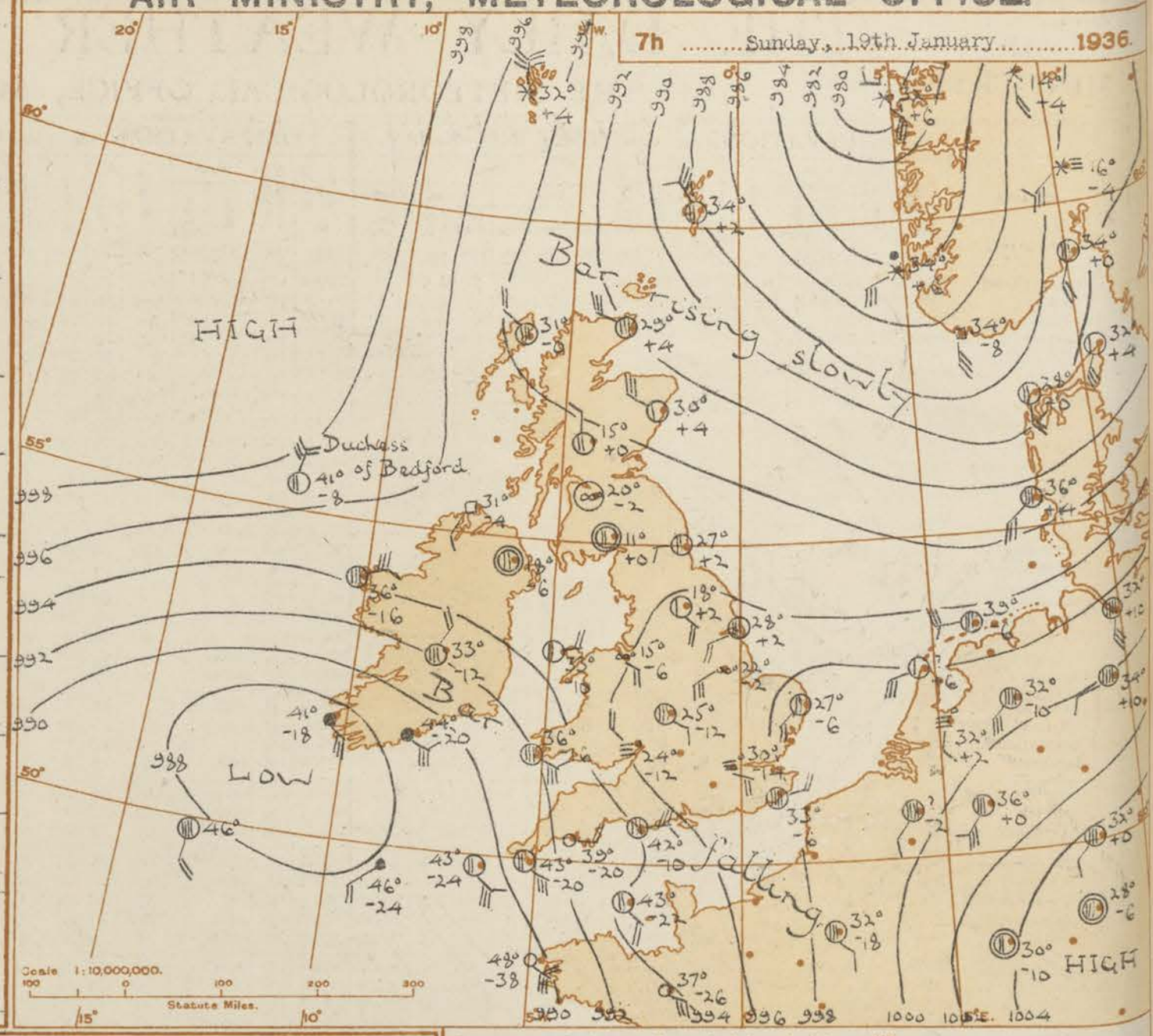
† See disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 18th January 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.	osso	co	25	36	3	2	0·7
	Bournemouth	cso	bcom	32	43	3	2	0·7
	Ventnor ...	opou	robc	31	45	0·5	4	0·8
	Southsea ...	cs,ro	cbc	32	45	Trace	2	2·1
	Bognor Regis	oirs	cbcc	31	44	–	2	1·0
	Littlehampton	cspbc	bcc	29	45	0·1	1	0·9
	Worthing ...	cos,o	cbcc	29	44	Trace	1	1·0
	Brighton ...	cclcsc	cbc	31	45	–	2	0·5
	Eastbourne†	orrs	soco	29	45	0·5	3	0·1
	Hastings† ...	orsms	cbccm	28	44	2	2	0·1
	Folkestone ...	orors	oscm	27	42	2	1	0·0
	Dover... ...	irso	sombc	29	36	5	0·4	0·0
	Deal	rrso	o	28	42	1	3	0·0
	Ramsgate ...	rsc	c	29	36	4	1	0·2
	Margate ...	crs	cbc	29	38	3	0·5	0·3
2	Southend ...	osbcm	bmf	27	37	2	0·5	2·4
	Maldon ...	rsc	cb	25	37	1	–	2·5
	Clacton-on-Sea	orsc	cbcm	26	37	1	1	2·7
	Dovercourt ...	oc	bcbcc	25	38	0·4	–	2·6
	Lowestoft ...	cbc	c	26	35	0·5	–	0·1
	Skegness ...	bcxm	bcm	22	36	1	–	3·2
	Mablethorpe Cleethorpes...	oms,	bc	23	35	Trace	0·4	2·9
3	Leamington S.	mcbc	b	21	37	–	–	0·0
4	Cheltenham†	mcbc	cbcm	25	37	3	–	1·5
5	Bath	cbcb	bbcc	30	37	16	–	1·0
	Weymouth ...	irc	c	31	44	1	1	0·1
	Jersey ...	cbc	bc	36	48	0·1	–	3·2
	Torquay ...	ofcp	cor	32	44	2	5	0·1
	Penzance ...	rir	rbcir	37	47	6	6	0·6
	St. Ives ...	pr	pr	38	47	4	5	0·9
	Bude							
	Ilfracombe ...	cbo	o	36	43	6	–	0·7
6	Aberystwyth	cbc	c	32	37	6	–	1·2
7	Llandudno ...	cbc	bcc	35	40	5	–	2·1
	Colwyn Bay...	cclscb	bcbcb	32	40	6	–	2·2
	Rhyl	cbc	bc	31	39	1	–	1·0
8	Wallasey ...	cbc	bcc	30	39	2	–	2·9
	Southport‖ ...	bbc	bcc	26	40	2	–	2·8
	Blackpool ...	c	c	30	39	3	–	4·4
	Morecambe ...	xb	bbcc	32	39	2	–	4·4
9	Ilkley	bc	bc	24	35	1	–	5·5
	Harrogate ...	b	bbc	26	34	1	–	5·8
10	Berwick-on-T.	bc	bcc bc	28	36	2	–	4·4
11	Dunbar ..	bcx	bcx	27	36	1	–	4·0
12	Troon... ...	xlovbc	cbbc	25	41	–	–	5·4
	Douglas ...	bcxbc	bccbx	30	41	3	–	4·9

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 19th, January, 1936.
1 S.E. England	Freshening east to southeast wind; cloudy or dull, rain near coast, snow or sleet inland, changing later to rain; cold, becoming less cold.
2 E. England ...	Moderate east to southeast wind; cloudy, snow or sleet later today, changing to rain; cold.
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Fresh southeast wind; cloudy, rain with snow on hills at first; becoming milder.
6 South Wales ...	
7 North Wales ...	Moderate east to southeast wind; cloudy, snow or sleet tonight; cold.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Wind variable, mainly light, becoming moderate east to southeast later; cloud increasing, snow or sleet tomorrow; cold, frost at night.
12 S.W. Scotland & Isle of Man.	
13 A. W. Scotld. B.N.W. Scotland.	Wind variable, or northerly, light; bright periods, wintry showers; cold, frost at night.
14 Mid Scotland	Moderate north to northwest wind; bright periods, wintry showers; cold, frost at night.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Wind becoming east to southeast, freshening; cloudy, snow, sleet or rain later; cold.
18 N. E. Ireland	
19 S. E. Ireland	Moderate to fresh east wind; cloudy, rain at times; milder.
20 S. W. Ireland	

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

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 4/10 to 5/10 clouded. Sky 7/10 to 8/10 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 depression is centred off the southwest coast of Norway. A secondary depression off south Ireland will become absorbed in a larger and deepening depression northeast of the Azores which is moving slowly east-northeast. Snow or sleet changing to rain will spread northeast to south Scotland. Conditions will become less cold in most places.

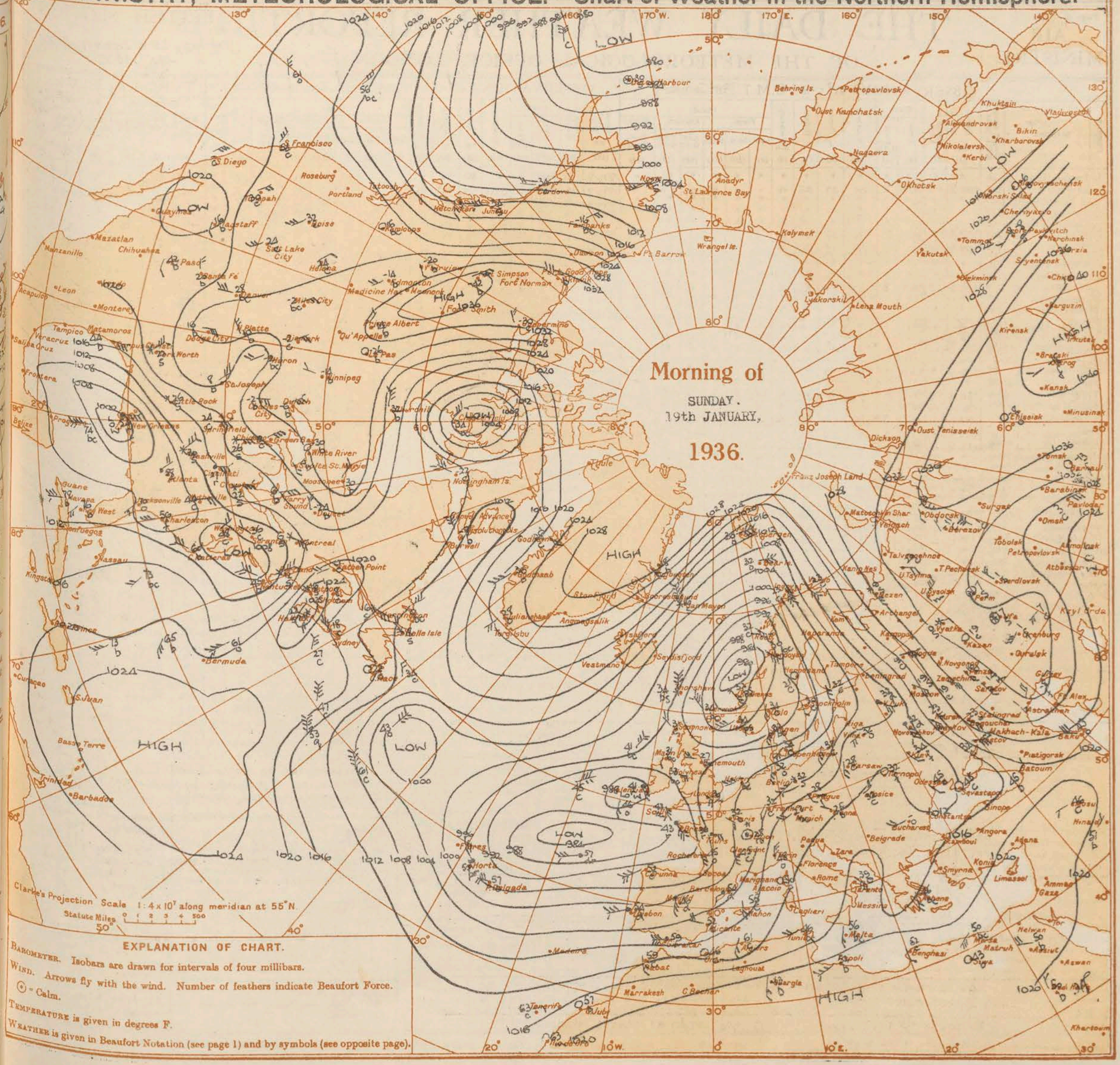
FURTHER OUTLOOK.

Unsettled, but less cold generally.

Forecasts issued at 1.30 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.



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, 19th January, 1936.
No. 27086

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

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	998·2	+2	SW'S	2	m	27	95	4	–	–	8	0	7-8	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	348	999·2	+2	N'W	2	3.	31	95	5	5	–	–	10	10	2500
	Manston ...	142	998·6	+4	–	0	m	29	85	4	–	–	–	0	0	–
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	997·9	+2	SW'W	3	3.	29	85	5	–	–	–	0	0	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	995·6	-8	ESE	4	o	40	95	7	5	–	–	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	994·5	-6	SW'S	2	c	44	95	8	4	2	–	7-8	7-8	2500
	Scilly (St. Mary's)	163	994·1	-6	SW'W	3	c	44	95	8	8	–	–	7-8	7-8	2500
	Guernsey ..	175	997·8	-8	SW	3	b	43	85	8	–	–	–	0	0	–
6	Pembroke ...	142	995·1	-6	E	3	bc	35	95	7	5	–	–	4.6	4.6	2500
7	Holyhead ...	26	996·6	0	S'E	1	b	31	85	6	–	–	–	0	0	–
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	996·2	+4	WSW	2	m	30	95	4	5	–	–	4.6	4.6	800
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	994·3	+2	W	2	b	28	85	6	–	–	–	0	0	–
11	Inchkeith ...	190	994·2	+2	SW	3	m	30	95	4	5	–	–	2.3	2.3	800
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	996·2	+2	WSW	2	psh	31	95	8	9	–	–	4.6	4.6	5700
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	994·6	0	WNW	3	c/phr	32	95	8	8	7	–	4.6	7.8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	990·7	+16	W	3	c	32	85	8	8	6	–	4.6	7.8	1500
16	Lerwick ...	156	987·7	+4	NNW	4	c/ps	33	85	8	8	7	–	4.7	7.8	800
17	Blacksod Point	18	996·7	-4	E	4	c	37	75	8	–	7	–	0	9	–
18	Malin Head ...	52	995·9	-2	SSE	1	bc	32	95	8	8	–	–	2.3	2.3	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	996·8	-10	SSE	3	RR	38	95	7	6	–	–	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
London (Kew)	996·9	-10	ENE	1	F	30	95	1	–	–	–	10	10	150	8	*
Croydon ...	996·7	-14	E'S	2	cm	30	95	4	7	2	–	0	10	–	8	*
S. Farnborough	996·4	-8	E	1	io	28	95	4	5	–	–	10	10	220	8	*
Boscombe Down	995·5	-18	E'N	3	iro	31	95	5	5	–	–	10	10	1500	6	*
Calshot (Sthmtn.)	995·6	-8	E'N	4	c/r	36	95	7	6	2	–	7-8	10	1500	1	3
Lympne ...	999·8	-6	E'N	2	o/r	33	95	5	5	–	–	10	10	2500	1	1
Manston ...	997·9	-6	NNE	1	cm	32	95	4	5	–	–	9+	9+	1500	4	*
Shoeburyness ...	998·0	-10	N	1	cf	26	95	3	5	1	–	7-8	10	4000	8	*
Felixstowe ...	998·2	-8	–	0	bcm	25	85	4	–	3	6	0	4-6	–	1	1
Gorleston ...	998·9	-6	SW'S	2	bc	27	85	5	5	–	–	4-6	4-6	2500	6	2
Mildenhall ...	997·8	-4	SE	1	bcz.	20	90	5	–	7	–	0	4-6	–	8	*
Cranwell ...	997·8	-2	WSW	3	bcz.	22	85	5	–	4	5	0	4-6	–	8	*
Birmingham ...	997·7	-4	ESE	1	c	25	95	5	–	–	6	0	7-8	–	8	*
Upper Heyford	997·3	-2	NNE	2	cm	24	95	4	–	1	8	0	7-8	–	4	*
Ross-on-Wye	996·2	-12	NW	1	cm	24	95	4	5	–	–	10	10	1500	6	*
Portland Bill ...	993·6	-10	E	4	c	42	95	7	4	–	–	9	9	2500	1	3
Plymouth ...	992·5	-20	E'S	2	io	39	95	7	6	7	–	9+	10	800	1	1
The Lizard ...	991·0	-20	ESE	3	bc	43	85	8	8	–	–	4-6	4-6	2500	1	3
Scilly (St. Mary's)	989·5	-24	SE'S	4	bc	43	75	8	8	4	5	4-6	4-6	2500	1	2
Guernsey ..	994·3	-22	SSE	2	bc	43	85	7	–	1	–	0	4-6	–	1	3
Pembroke ...	991·7	-16	ESE	4	c	36	95	6	5	2	–	4-6	9	1500	1	3
Holyhead ...	995·0	-10	E	2	bc	33	85	8	–	–	5	0	2-3	–	4	1
Chester (Sealand)	986·7	-6	SE	1	bcz.	15	85	6	–	7	–	0	4-6	–	8	*
Manchester ...	997·1	-6	SW	1	bF+	14	95	0	–	–	–	0	0	–	8	*
Spurn Head ...	996·5	+2	EN	2	c	28	95	6	5	7	–	4-6	7-8	2500	4	1
Catterick ...	996·1	+2	SE	2	b	18	95	8	–	6	–	0	1	–	8	*
Tynemouth ...	994·9	+2	W	2	bc	27	95	8	2	–	–	2-3	2-3	1500	8	1
Inchkeith ...	994·8	0	SW	2	bc	29	95	6	5	–	–	2-3	2-3	1500	4	1
Leuchars ...	994·3	+2	W	3	b	26	75	8	–	–	–	0	0	–	8	*
Renfrew (Abbots I.)	995·6	-2	–	0	z.	21	95	6	–	–	–	0	0	–	5	*
Eskdalemuir ...	997·1	0	–	0	befg	11	95	7	5	–	–	2-3	2-3	1150	8	*
Point of Ayre...	995·4	-4	WSW	2	bc	29	85	8	2	–	6	2-3	2-3	2500	6	1
Tiree ...	995·2	0	N'W	2	bc	35	85	8	8	–	–	2-3	2-3	4000	4	2
Stornoway ...	993·9	0	NW	2	c	31	95	8	8	7	–	4-6	7-8	1500	8	1
Dalwhinnie ...	*	0	N	1	bc	15	95	7	4	6	–	4-6	4-6	2500	8	*
Aberdeen ...	992·9	+4	WNW	3	bc	30	85	7	3	–	–	1	1	2500	8	1
Wick ...	991·5	+4	WNW	3	c	29	95	7	9	6	–	7-8	9	1500	9	2
Lerwick ...	987·8	+2	NNW	4	ocps	34	85	8	8	–	–	4-6	4-6	800	8	*
Blacksod Point	994·2	-16	E	4	c	36	85	7	–	7	–	0	10	–	0	4
Malin Head ...	994·9	-4	S'W	1	bcjp	31	95	8	8	–	–	2-3	2-3	2500	4	1
Aldergrove ...	995·6	-6	–	0	bc	18	95	7	5	–	6	1	4-6	1500	4	*
Birr Castle ...	992·7	-12	NE	1	c	33	95	8	5	–	–	7-8	7-8	2500	4	*
Valentia Obsy. †	986·9	-18	SE'E	3	rr	41	95	7	6	–	–	10	10	800	1	3
Roches Point	988·6	-20	ESE	4	rr	44	95	7	6	–	–	10	10	1500	1	3

PAST 24 HOURS.

Stations	Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 1.31h Hrs. (36)
London (Kew)	37	26	19	3	Tr	2.4
Croydon ...	39	24	12	5	0·1	1·6
S. Farnborough	38	22	19	4	Tr	1·9
Boscombe Down	39	27	20	4	Tr	0·8
Calshot (Sthmtn.)	44	34	33	Tr	0·5	1·0
Lympne ...	40	30	24	1	0·1	0·40
Manston ...	39	27	17	4	Tr	0·3
Shoeburyness ...	3.	21	18	1	–	2·4
Felixstowe ...	38	24	17	Tr	Tr	2·3
Gorleston ...	36	25	24	–	–	0·1
Mildenhall ...	27 35	19	15	–	–	0·3
Cranwell ...	32	21	13	–	–	0·8
Birmingham ...	34	24	9	–	–	0·0
Upper Heyford	35	21	14	0·1	–	*
Ross-on-Wye	39	22	14	Tr	–	1·9
Portland Bill ...	46	42 35	*	3	3	*
Plymouth ...	43 44	38 39	36	8	1	0·0
The Lizard ...	46	42	*	5	3	*
Scilly (St. Mary's)	48	41	*	12	1	0·8
Guernsey ..	48	41	32	1	Tr	1·1
Pembroke ...	41	34	*	0·2	–	0·0
Holyhead ...	42	30	23	–	–	1·7
Chester (Sealand)	38	15	15	–	–	2·3
Manchester ...	39	9	5	Tr	–	2·9
Spurn Head ...	35	28	*	Tr	–	3·0
Catterick ...	35	18	9	–	–	6·3
Tynemouth ...	34	26	24	–	–	7·0
Inchkeith ...	37	27	24	–	–	6·7
Leuchars ...	36	24	18	–	–	7·2
Renfrew (Abbots I.)	38	19	14	–	–	4·9
Eskdalemuir ...	33	10	7	–	–	5·9
Point of Ayre...	40	29	*	–	0·3	5·2
Tiree ...	42	34	30	Tr	0·2	4·9
Stornoway ...	35	27	*	1	2	1·6
Dalwhinnie ...	33	11	9	Tr	–	1·0
Aberdeen ...	33	27	21	1	Tr	3·6
Wick ...	37	26	*	1	3	*
Lerwick ...	35	32	*	2	1	0·3
Blacksod Point	44	32	*	Tr	–	*
Malin Head ...	41	30	*	0·2	0·2	1·4
Aldergrove ...	39	18	15	–	–	4·2
Birr Castle ...	34	26	18	–	–	0·4
Valentia Obsy. †	43	39	37	21	15	0·1
Roches Point	42	36	*	1	6	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon.	Weather Night.	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity 15h. G.M.T. % (Yesterday.)	Humidity 9h. G.M.T. % (To-day.)	Visibility 9h. (To-day.)
Kew	18	cr.osbc	bcm.gm.cm.o1fx	cm.o1fx	37	26	19	3	Tr	1·3	*	*	3
Croydon	217	cfs.o.cm.	bcm.cm.	cbcmFx	39	24	19	5	0·1	1·6	*	*	4
Greenwich (Royal Observatory)	140	sscf	cbmef	Fbmxc	36	25	25	1	Tr	1·1	80	95	2
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·8	*	*	*
Westminster (St. James' Park)	27	*	*	*	38	29	28			0·9	80	94	*
Regents Pk. (Botanic Gardens)	136	*	*	*	37	27	20	4	–	2·0	75	93	*
Camden Square	119	os	cb	*	37	26	26	0·5	–	*	*	98	*
Kensington	80	osbcc	c	*	37	29	20	1	Tr		At 18h. 81	94	*
Hampstead Observatory	450	bcf	bfx	om	35	25	18	0·4	–	2·4	*	99	*

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 18th January. Barom. mb	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 19th January. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris	1001·8	SSW	3	3.	39	999·1	ESE	1	cz.	32	41	14	–	1
Brussels	997·2	SW	4	s.s.	34	999·0	SW'S	1	c	32	37	32	6	7
Berlin	999·4	SW'S	5	c	34	1001·7	SW	4	ss	32	37	32	1	0·2
Zürich	1009·5	SSW	2	bc	34	1008·0	ESE	1	c	28	39	27	–	–
Rome														

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
2·0	21h 18th	0·3	7h 18th

Kew Observatory. Max.	Time.	Min.	Time.
0·8	18h 18th	0·3	6h 19th

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

TERMS OF SUBSCRIPTION. Single Copies, 1d. each; by post 1½d. 2/6 per month; 6/8 per quarter; 25/- per year.

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 20th January, 1936.
No. 27087.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Cloud. Height of Base (feet) (14)
1	London (Kew)	994·3	-20	E	3	of	36	85	3	5	-	-	10	10	2500
	Croydon ...	994·4	-22	E'S	2	o/f	35	95	4	5	-	-	10	10	800
	S. Farnborough	993·9	-20	E	2	cf	35	95	3	5	-	-	9+	9+	1500
	Boscombe Down	993·0	-20	E'N	3	of	33	95	2	-	2	-	10	10	220
	Calshot (Sthmtn.)	992·9	-22	NE'E	4	cz_o	42	95	6	5	7	-	4-6	9+	2500
	Lympne ...	995·5	-22	E'S	3	cz_o	39	95	5	5	-	2	2-3	7-8	800
	Manston ...	995·6	-22	ESE	3	o/r	39	95	7	5	-	-	10	10	1500
2	Shoeburyness ...	995·9	-18	E'S	4	o	39	95	6	5	-	-	10	10	2500
	Felixstowe ...	996·4	-20	E'S	3	bc	40	75	7	5	3	8	2-3	4-6	4000
	Gorleston ...	997·9	-10	ENE	1	bc	36	75	6	-	7	-	0	4-6	-
	Mildenhall ...	996·2	-16	E'S	2	cz_o	32	85	6	5	-	-	9+	9+	1500
	Cranwell ...	997·0	-10	-	0	cm	32	75	4	-	7	5	0	9	-
3	Birmingham ...	995·8	-16	E	2	cf	29	85	3	-	2	-	0	9+	-
	Upper Heyford	994·7	-22	ENE	3	of	31	95	3	5	-	-	10	10	800
4	Ross-on-Wye	993·8	-20	E'N	2	om	30	95	4	5	-	-	10	10	800
5	Portland Bill ...	990·6	-20	ESE	4	c	45	85	7	4	2	-	7-8	10	2500
	Plymouth ...	988·8	-30	ESE	3	$r_o r_o$	43	85	7	5	2	-	4-6	10	2500
	The Lizard ...	986·2	-30	ESE	5	rr	45	95	7	8	2	-	9	10	1500
	Scilly (St.Mary's)	985·0	-22	SE	5	rr	44	95	6	9	-	-	10	10	1500
	Guernsey ...	990·0	-24	SE	3	o/r	42	95	7	5	-	-	10	10	2500
6	Pembroke ...	988·4	-14	ESE	5	oq_o	39	95	6	5	-	-	10	10	1500
7	Holyhead ...	992·0	-16	E'N	3	c	37	75	9	7	1	6	1	10	4000
	Chester(Sealand)	995·3	-16	SE	2	cz_o	28	75	5	-	-	7	0	10	-
8	Manchester ...	995·6	-14	SE'E	2	cf-	27	95	2	-	-	8	0	9	-
10	Spurn Head ...	995·7	-2	SW	1	c	55	85	6	5	2	-	2-3	7-8	1500
	Catterick ...	996·6	-6	S'E	1	cf	20	95	2	-	1	-	0	10	-
	Tynemouth ...	995·4	0	W	2	bcf	33	85	3	5	-	1	2-3	4-6	1500
11	Inchkeith ...	994·8	+2	WSW	2	bc	32	85	6	5	4	-	2-3	4-6	1500
	Leuchars ...	995·1	0	WSW	2	bc	32	75	7	-	-	4	0	1	-
12	Renfrew (Abbots I.)	995·5	-4	-	0	cf	25	85	2	-	-	2	0	7-8	-
	Eskdalemuir ...	996·2	-4	-	0	c	20	95	7	-	-	6	0	7-8	-
	Point of Ayre...	994·8	-6	S'E	4	cz_o	36	85	6	-	1	-	0	10	-
13A	Tiree	995·0	-2	E'N	1	bc	41	75	9	8	-	8	4-6	4-6	2500
13B	Stornoway ...	995·4	+4	N	3	ps	33	95	1	-	-	-	10	10	<150
15	Dalwhinnie ...	995·2	+2	-	0	c	29	95	8	4	6	-	4-6	9	2500
	Aberdeen ...	994·4	+4	W'N	2	b	33	75	6	3	-	-	Tr	Tr	2500
16	Wick ...	992·8	+4	NNW	2	bc	30	85	8	8	7	-	2-3	4-6	2500
	Lerwick ...	990·3	+10	NNW	3	cjp	35	85	7	5	2	-	7-8	9	800
17	Blacksod Point	993·7	-8	E	4	c	37	75	9	-	7	-	0	10	-
18	Malin Head ...	994·1	-10	SE	2	cjp	36	95	7	9	-	8	4-6	7-8	1500
	Aldergrove ...	993·9	-10	-	0	c	32	95	7	5	2	6	4-6	9+	1500
19	Birr Castle ...	991·1	-12	NE	1	ss	33	95	7	5	-	-	10	10	2500
20	Valentia Obsy. †	986·4	-18	ESE	3	ir	44	85	8	6	2	-	9	10	1500
	Roches Point	987·1	-14	SE	3	c/r	43	85	8	6	2	-	4-6	9+	1500

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

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)
London (Kew)	990·9	-14	ENE	3	om	38	95	4	5	-	-	10	10	2500	3	*
Croydon ...	991·2	-14	E'N	2	of	36	95	3	5	-	-	10	10	800	7	*
S. Farnborough	990·1	-12	ENE	1	rf	36	95	2	5	-	-	10	10	800	3	*
Boscombe Down	988·5	-28	E'N	3	$r_o r_o f$	36	95	3	-	2	-	10	10	220	1	*
Calshot (Sthmtn.)	988·7	-20	E	5	c	43	95	8	5	2	-	4-6	10	2500	1	4
Lympne ...	992·7	-14	ESE	4	ir_o	39	85	6	5	2	-	9	10	2500	1	§ 3
Manston ...	992·8	-16	SE	4	cz_o	40	85	6	5	2	-	2-3	10	1500	1	*
Shoeburyness ...	993·1	-16	ESE	5	o	40	95	7	5	-	-	10	10	1500	3	*
Felixstowe ...	994·1	-14	E	4	cz_o	40	85	6	5	-	-	7-8	7-8	1500	1	2
Gorleston ...	995·3	-12	E'S	4	o/pr	39	85	6	6	-	-	10	10	2500	6	3
Mildenhall ...	993·4	-16	SE'S	2	oz_o	36	95	5	5	-	-	10	10	1500	3	*
Cranwell ...	994·7	-10	ENE	2	om	31	95	4	5	-	-	10	10	1500	8	*
Birmingham ...	992·5	-14	E	3	cf	32	95	3	-	2	-	0	10	-	8	*
Upper Heyford	991·0	-20	E'S	3	of	33	95	3	5	-	-	10	10	450	6	*
Ross-on-Wye	990·0	-16	ENE	2	$is_o f$	33	95	3	5	-	-	10	10	450	6	*
Portland Bill ...	986·3	-20	ESE	4	rr	45	95	7	5	-	-	10	10	1500	1	4
Plymouth ...	983·9	-24	SE	4	rr	44	95	5	6	-	-	10	10	450	1	2
The Lizard ...	981·2	-16	SSE	5	c	49	95	8	8	-	-	9+	9+	2500	1	3
Scilly (St.Mary's)	978·5	-32	S'W	5	c/r	49	95	6	8	7	-	7-8	9	1500	1	2
Guernsey ...	986·7	-16	S'E	3	ir_o	45	95	6	5	-	-	10	10	2500	2	3
Pembroke ...	984·6	-16	ESE	6	ir	39	95	6	5	2	-	4-6	10	1500	1	5
Holyhead ...	988·8	-16	E'N	4	ir_o	38	85	6	5	2	-	2-3	10	2500	1	2
Chester(Sealand)	992·2	-18	SE	1	om	31	85	4	5	-	-	10	10	4000	8	*
Manchester ...	992·6	-16	E'S	3	cm/f	35	65	4	-	2	-	0	10	-	8	*
Spurn Head ...	994·2	-6	ESE	4	c	37	85	7	5	2	-	4-6	7-8	2500	4	3
Catterick ...	995·2	-4	-	0	cf	20	95	3	-	1	-	0	10	-	8	*
Tynemouth ...	994·9	-2	SW	2	bcf	31	95	3	5	-	-	2-3	2-3	1500	6	1
Inchkeith ...	995·1	0	E	1	cm	31	95	4	5	-	-	7-8	7-8	800	4	1
Leuchars ...	995·0	+4	-	0	bc	21	95	6	-	-	5	0	2-3	-	8	*
Renfrew (Abbots I.)	994·8	-2	-	0	of	23	95	1	5	-	-	10	10	<150	5	*
Eskdalemuir ...	995·0	-2	NNE	1	c	23	95	8	-	-	7	0	10	-	8	*
Point of Ayre...	992·3	-8	E	4	o	37	85	7	8	-	-	10	10	1500	1	2
Tiree	998·6	-4	ENE	2	bc	34	95	9	8	-	5	2-3	4-6	2500	0	2
Stornoway ...	994·6	-4	WNW	2	bc	29	95	5	3	7	-	2-3	4-6	1500	8	1
Dalwhinnie ...	*	+2	S	1	b	12	85	8	-	-	-	0	0	-	5	*
Aberdeen ...	994·9	+6	W	1	b	20	85	5	-	-	-	0	0	-	6	1
Wick ...	992·8	+2	WNW	2	bc	27	85	8	8	7	-	2-3	4-6	1500	9	1
Lerwick ...	991·7	+16	NW	3	bcjp	34	75	7	8	-	-	2-3	2-3	800	8	*
Blacksod Point	991·1	-12	E	5	$r_o r_o$	35	95	7	6	-	-	10	10	800	1	4
Malin Head ...	991·9	-6	NNW	1	o/ph	37	95	7	9	2	-	4-6	10	1500	6	1
Aldergrove ...	991·7	-10	ENE	4	o	35	75	7	5	-	-	10	10	1500	1	*
Birr Castle ...	987·3	-10	NE	2	o/s	34	95	7	5	-	-	10	10	2500	8	*
Valentia Obsy. †	982·4	-16	ENE	3	c	42	85	8	7	7	-	7-8	9+	2500	1	2
Roches Point	983·0	-24	ESE	3	c/r	43	95	8	6	2	-	4-6	9	1500	1	3

PAST 24 HOURS.

Stations.	Weather. 7h.—12h. 19th (37)	Weather. 12h.—18h. 19th (38)	Weather. 18h. 19th to 1h. 20th (39)	Weather. 1h.—7h. 20th (40)
London (Kew)	$ofxs_oc$	ofcm	cm_orr	cm_orr
Croydon ...	cxps fm	omfcmf	ofm_orr_o	$rrdm_or_o$
S. Farnborough	$ois_o fcf$	$cffr_oo$	$ofor_or_o$	r_oRir_oc
Boscombe Down	$r_or_o ff$	$offr_of$	$offr_of$	rfm_obc
Calshot (Sthmtn.)	$crrcm_o$	cm_oc	crr_orr	cim_orr_o
Lympne ...	ca_odr_o	cm_o	rrr_orf	r_orod_oR
Manston ...	cd_oir_oc	cm_ocm	$crod_om_o$	$oqrr_o$
Shoeburyness ...	fxcm	cm_oc	cqrr	qrrcq
Felixstowe ...	cmxbc	bcz_o	$cz_ocr_or_o$	$crcr_or_oc$
Gorleston ...	$bcmz_o$	$bcopr_o$	oqr_o	orrq
Mildenhall ...	$bcom_o$	com_o	cm_or_o	cr_orrr
Cranwell ...	cm_ocm	cm	cmrr	cr_orr
Birmingham ...	cf	cf	cfoss	osrr
Upper Heyford	cmofx	oxs_of	ofr_oRR	cRRq
Ross-on-Wye	cmom	psom	ssois	rsqrrq
Portland Bill ...	cpr	orr	orr	orrc
Plymouth ...	$cr_ocr_or_o$	cor_orrm	$orrcr_orr$	cpr_opbc
The Lizard ...	bcerr	orrc	cprrr	crrpr
Scilly (St.Mary's)	$bcor_o$	rir_oc	crbcc	cpqbc
Guernsey ...	irr_or_o	$orir_o$	coIRq	oqbc
Pembroke ...	cqi⊕m	cqm_oirc	oqm_orro	$oqpr_oc$
Holyhead ...	bc ⊕	cm_oir_o	r_os_os	crsRS
Chester(Sealand)	cm	om	oms_os_o	$os_os_oRS_oRS$
Manchester ...	bxcFF	cfm_oFz	cm	$rsqrr$
Spurn Head ...	zc	c	corr	orrq
Catterick ...	bbcmcf	cf	cfossr	ossm
Tynemouth ...	bcff	bcff	cffbc	orrssq
Inchkeith ...	bcz_o	$bcez_oz$	zz_obc	$bccis_o$
Leuchars ...	b	b	bbc	bccphr
Renfrew (Abbots I.)	bm_offx	cffFFx	oFFcmx	$cmxs_os_o$
Eskdalemuir ...	bxcx	cx	cx	cxssf
Point of Ayre...	bcz_oc	z_oo	ossiss	ss
Tiree	bcxv	bcvjp	bcx	bcx
Stornoway ...	cPs	$cbcm_o$	bcc	cbc
Dalwhinnie ...	bc	bcb	*	bcc
Aberdeen ...	bbz_o	bz_o	bm_o	bm_oc
Wick ...	ps bc	bc	bc	bc
Lerwick ...	cpsh	cbcps	bcpsh	bcb
Blacksod Point	c	r_o	rsq	
Malin Head ...	$cphr_o$	$cphr_o$	$Couz_o$	c
Aldergrove ...	bcxcxc	cis_oco	os_o	ssp
Birr Castle ...	coss	ossis	ois	ois
Valentia Obsy. †	rrr_opir	circ	~~Rorr~~ rrorrc	c
Roches Point	orrc	cir_oc	corrc	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.*

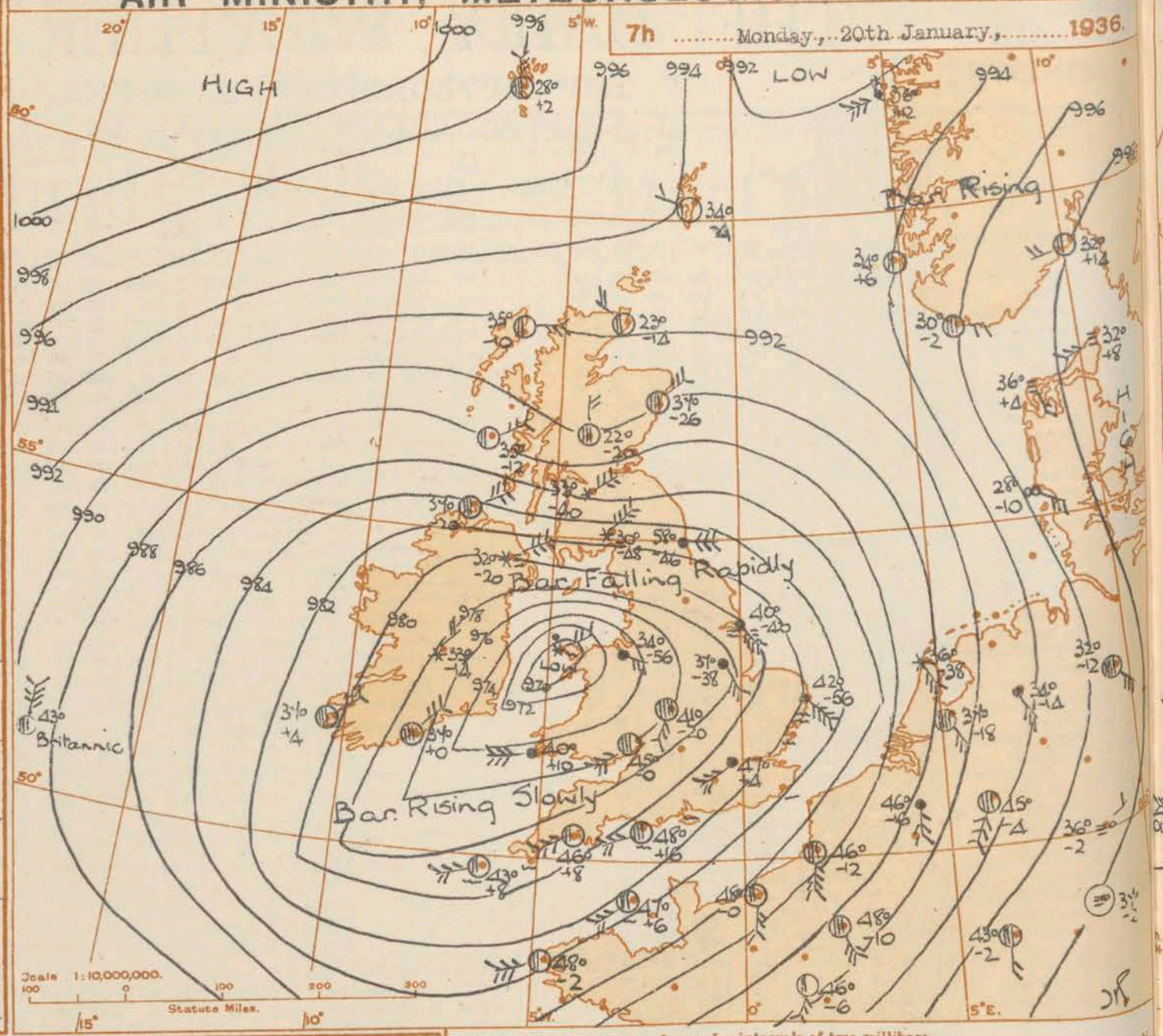
† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for Sunday 19 January 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.	opomo	oco	28	40	Trace	0·3	0·0
	Bournemouth	o	o	33	43	1	–	0·0
	Ventnor ...	osrc	cop.	33	44	4	Trace	0·0
	Southsea ...	oc	co	34	44	2	–	0·0
	Bognor Regis	o	od.	34	43	1	Trace	0·0
	Littlehampton	oroc	co	33	43	1	1	0·0
	Worthing ...	d.c	c	33	44	2	Trace	0·1
	Brighton ...	cpcbc	c	33	44	2	Trace	0·3
	Eastbourne†	co	o	34	44	2	–	0·0
	Hastings† ...	odoc	co	33	43	2	0·5	0·1
	Folkestone ...	odoro	oco	31	42	Trace	1	0·0
	Dover... ...	roc	c	33	42	0·2	1	0·0
	Deal	r.o	o	29	41	0·3	Trace	0·0
	Ramsgate ...	c	c	31	41	–	–	0·1
	Margate ...	cd.	c	31	41	–	0·1	0·0
2	Southend ...	cfo	o	25	39	Trace	–	0·0
	Maldon ...	xc	co	22	38	–	–	0·1
	Clacton-on-Sea	cmxc	c	30	40	–	–	0·0
	Dovercourt ...	xoc	bcc	25	40	–	–	0·2
	Lowestoft ...	bc	bc	32	39	–	–	2·0
	Skegness ...	bcf	bcfbc	17	36	–	0·5	1·3
	Mablethorpe	cxm.	cm.	19	37	–	–	2·8
	Cleethorpes ...	bcf	bcm.	22	24	–	–	0·0
3	Leamington S.	cm	cm	14	33	–	–	0·0
4	Cheltenham†	om.	omp	23	35	–	Trace	0·0
5	Bath	mcol	cmr	27	36	–	1	0·0
	Weymouth ...	c	cir.	34	45	1	0·4	0·0
	Jersey ...	cdo	dcor	41	45	Trace	3	0·0
	Torquay ...	c	orRq.	37	46	4	5	0·0
	Penzance ...	c	rrorq	40	47	2	6	0·0
	St. Ives ...	o	r	39	46	3	6	0·0
	Bude	obcc	r	35	43	2	1	0·4
	Ilfracombe ...	co	or	35	42	0·1	2	0·0
6	Aberystwyth	c	c	28	37	–	–	0·0
7	Llandudno ...	xco	om.	26	35	–	–	0·0
	Colwyn Bay...	c	co	27	35	–	–	0·0
	Rhyl	cz.	cz.	22	34	–	–	0·0
8	Wallasey ...	mbcc	com	25	34	Trace	–	0·0
	Southport‖ ...	bcmz	czo	22	30	–	–	0·0
	Blackpool ...	co	co	22	31	–	–	0·0
	Morecambe ...	cxfxf	xccxx	21	32	–	–	0·0
9	Ilkley... ...	o	f	19	26	–	–	0·0
	Harrogate ...	bbc	bcof	22	31	–	–	0·0
10	Berwick-on-T.	bc	bc	22	29	–	–	5·2
11	Dunbar ..	bcx	bcmx	26	35	–	–	5·1
12	Troon... ...	xbfbc	cbxf	24	31	–	–	1·6
	Douglas ...	cbxc	com.	28	38	–	–	0·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.

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

WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 6/10 to 9/10 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. 20th January, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Wind southwest, fresh, veering to west; bright intervals, occasional showers today, but local sleet tomorrow; mild, becoming colder tonight.
4 W. Midlands ... 5 S.W. England 6 South Wales ...	Wind westerly, fresh, veering to northwest, but backing tomorrow; bright intervals; showers of rain, hail or sleet; becoming colder.
7 North Wales ... 8 N.W. England ▲ 9 N. Midlands ...	Wind variable, becoming northwest, strong; rain for a short time; bright intervals with showers of rain or sleet and snow later; mild, becoming colder tonight.
10 N.E. England 11 S.E. Scotland ▲ 12 S.W. Scotland & Isle of Man.	Wind northeast or variable, strong, becoming northwest; continuous snow, changing soon to rain; bright intervals with rain, sleet or snow showers later; rather mild, becoming colder.
13 A. W. Scotld. B. N.W. Scotland. 14 Mid Scotland 15 N. E. Scotland ▲ 16 Orkneys and Shetlands	Wind north to northeast, strong to a gale, backing and decreasing; continuous snow today, heavy on the hills; bright intervals and showers tomorrow; cold.
17 N. W. Ireland 18 N. E. Ireland ▲	Wind northeast, fresh to strong, backing; snow this afternoon; bright intervals with showers of rain, hail or sleet later; rather cold.
19 S. E. Ireland 20 S. W. Ireland	Wind northerly, fresh, becoming southeast later tomorrow; showers of rain, hail or sleet; bright intervals; rather cold.

GENERAL INFERENCE.

An intense depression over Anglesey is moving northeast, and will decrease in intensity. Snow will spread northwards over Scotland, but change later to rain. It will be mild temporarily in England and Wales, but it will be rather cold tomorrow in all districts with showers of rain, sleet or snow. A depression over the Azores will affect the southwest tomorrow.

FURTHER OUTLOOK.

Rather cold with showers of rain, sleet or snow in the North and East; probably rain or snow spreading northeast later.

TIMES OF ISSUE OF GALE WARNINGS.

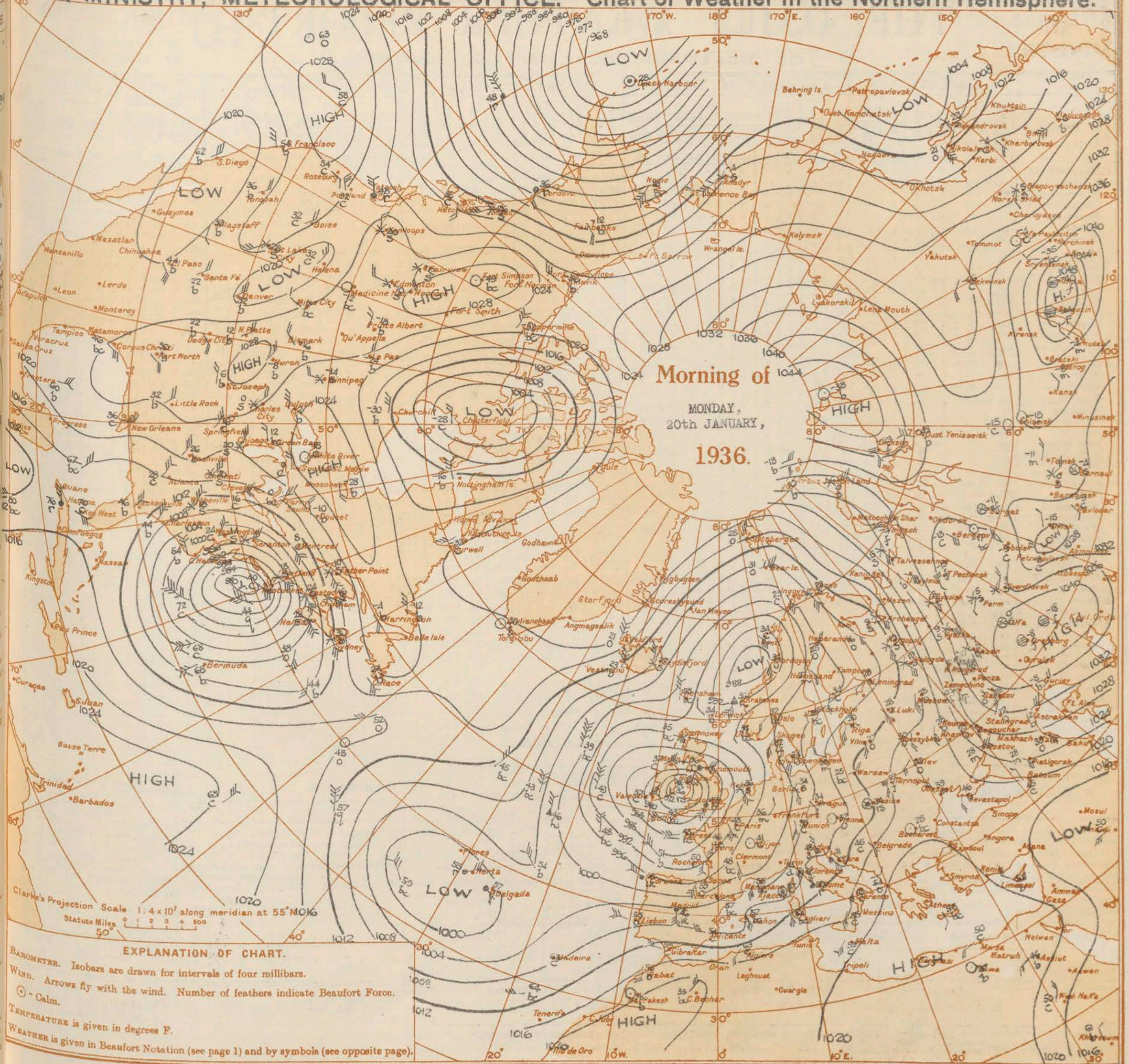
▲ North cone hoisted at 1930 19th in districts 8, 11, 18.
▲ " " " " 0300 20th in districts 15, 16.

Forecasts issued at 1030 G.M.T.

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

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

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



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 20th January, 1936.
No. 27087.

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

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	985·5	-28	SE'E	3	id₀	40	95	6	-	2	-	10	10	800
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	988·2	-22	SE'S	4	rf	40	85	2	6	-	-	10	10	<150
	Manston ...	142	988·2	-22	E	5	d₀d₀	39	95	6	6	2	-	9	10	800
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	990·5	-24	E'S	5	r₀r₀	39	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	978·3	-44	S	6	rr	49	95	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	976·5	-8	SW'W	5	r₀r₀	47	95	7	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	975·7	0	WNW	7	c	47	95	8	8	7	-	4·6	7·8	1500
	Guernsey ..	175	980·6	-36	S	6	oq	50	95	6	5	-	-	10	10	2500
6	Pembroke ...	142	973·6	-42	SE	6	rr	44	95	6	5	-	-	10	10	1500
7	Holyhead ...	26	979·6	-58	E'N	7	ss	34	95	5	6	-	-	10	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	989·2	-16	SE	6	rr	39	95	7	6	2	-	10	10	800
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	991·9	-24	E	5	bc	30	95	7	2	-	-	4·6	4·6	1500
11	Inchkeith ...	190	993·3	-6	SE	2	bc	33	85	8	5	-	-	4·6	4·6	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	987·5	-16	E'S	3	ss	34	95	6	6	-	-	10	10	1500
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	993·9	-6	E	3	c	34	95	8	8	7	-	7·8	9	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	994·4	+2	WNW	1	bc	37	95	7	8	6	-	2·3	4·6	1500
16	Lerwick ...	156	993·7	+6	WNW	2	bc	33	85	8	8	-	-	2·3	2·3	1500
17	Blacksod Point	18	987·9	-30	NE	6	s	35	95	7	6	-	-	10	10	800
18	Malin Head ...	52	988·5	-16	ENE	3	o	39	75	6	6	-	-	10	10	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	980·2	-14	E'N	3	rr	39	95	7	9	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	980·7	+6	SW	5	cz₀	47	85	6	6	-	-	7-8	7-8	800	1	*
	Croydon ...	980·7	+4	SW	5	ir₀	47	95	7	6	7	-	4-6	9	1500	1	*
	S. Farnborough	980·5	-18	SW	5	c/r	46	85	7	5	3	-	7-8	9	1500	1	*
	Boscombe Down	979·7	+12	SSW	5	c	45	85	7	5	1	-	4-6	7-8	1500	1	*
	Calshot (Sthmtn.)	980·7	+10	S'W	5	bc/pr	47	95	7	5	-	-	4-6	4-6	2500	1	4
	Lympne ...	984·2	+6	SW'S	5	c/r	46	95	6	6	2	-	7-8	10	800	1	§4
	Manston ...	983·2	-14	SW'S	6	d₀d₀	48	95	6	6	2	-	9	10	800	1	*
2	Shoeburyness ...	981·5	-8	SSW	4	c	47	85	7	8	6	-	7-8	9	2500	1	*
	Felixstowe ...	982·4	-34	S	5	c	45	95	7	5	3	-	4-6	7-8	1500	1	4
	Gorleston ...	981·0	-56	SE'S	7	rr	42	95	6	6	-	-	10	10	800	1	5
	Mildenhall ...	979·2	-54	SW	4	o/r	46	85	8	5	-	-	10	10	1500	1	*
	Cranwell ...	976·7	-38	SE'S	4	df	37	95	3	5	-	-	10	10	1500	3	*
3	Birmingham ...	975·2	-20	SSW	4	c/r	41	95	7	6	-	-	10	10	800	3	*
	Upper Heyford	977·5	-2	SW	5	bcq	44	75	8	5	7	8	2-3	4-6	1500	1	*
4	Ross-on-Wye	975·7	0	SW'S	5	c	45	85	6	6	-	-	9+	9+	2500	6	*
5	Portland Bill ...	979·9	-16	WSW	5	c	48	85	7	4	4	-	7-8	9+	2500	2	4
	Plymouth ...	978·6	+8	SW'W	6	c	46	85	8	8	-	8	4-6	7-8	1500	1	3
	The Lizard ...	979·7	+6	WSW	6	ir₀	45	85	8	9	2	-	7-8	9	1500	1	4
	Scilly (St. Mary's)	978·6	+8	W'S	5	bc/pr	43	85	8	3	-	-	4-6	4-6	1500	1	4
	Guernsey ..	983·3	+6	SW	5	bc	47	85	7	-	1	-	0	4-6	-	1	4
6	Pembroke ...	972·5	+10	W	6	pr₀	40	95	7	5	2	-	7-8	10	1500	1	3
7	Holyhead ...	969·3	-56	ENE	6	r₀s₀	36	95	7	9	-	-	10	10	1500	6	4
	Chester (Sealand)	973·2	-56	ESE	3	r₀r₀	34	95	5	-	2	-	10	10	1500	8	*
8	Manchester ...	974·0	-54	ESE	4	r₀r₀	36	95	5	-	2	-	10	10	800	3	*
10	Spurn Head ...	975·2	-40	SE	8	iR	40	95	6	6	-	-	10	10	1500	1	7
	Catterick ...	979·5	-54	NE	2	ss	32	95	4	-	2	-	10	10	450	8	*
	Tynemouth ...	982·5	-46	E	6	ir	36	95	6	6	-	-	10	10	1500	3	3
11	Inchkeith ...	986·0	-28	E	5	o/ps	35	95	8	5	-	-	10	10	2500	1	3
	Leuchars ...	987·3	-34	NE	4	phr	36	85	7	9	2	-	7-8	10	1500	8	*
12	Renfrew (Abbots I.)	986·2	-40	NE	5	s₀s₀	33	95	4	5	-	-	10	10	1500	6	*
	Eskdalemuir ...	982·4	-48	NE	7	s₀s₀	30	95	3	-	2	-	10	10	860	8	*
	Point of Ayre...	976·8	-52	E	7	ss	35	95	5	6	-	-	10	10	800	7	4
13A	Tiree ...	987·7	-12	NE'E	4	bc	35	65	8	5	-	-	2-3	2-3	4000	4	-
13B	Stornoway ...	991·7	-10	E	4	bc	35	75	8	5	7	-	2-3	4-5	1500	8	2
15	Dalwhinnie ...	990·2	-20	N	2	c	22	95	7	5	-	-	10	10	2500	8	*
	Aberdeen ...	990·1	-26	NE'E	4	c	37	75	6	6	2	-	7-8	10	1500	8	2
	Wick ...	992·3	-14	NW	2	bc	23	95	8	8	1	-	2-3	4-6	1500	9	1
16	Lerwick ...	993·9	-4	WNW	1	b	34	75	8	5	-	-	Tr	Tr	1500	8	*
17	Blacksod Point	985·3	-10	ENE	6	cr	36	95	7	6	-	-	10	10	800	1	4
18	Malin Head ...	984·3	-20	ENE	5	c	37	85	7	6	2	-	4-6	10	1500	0	3
	Aldergrove ...	979·0	-20	NE	5	st	32	95	3	-	2	-	10	10	1500	9	*
19	Birr Castle ...	978·1	-14	NNE	2	is	33	95	7	5	-	-	10	10	2500	7	*
20	Valentia Obsy. †	980·2	+2	NE'E	4	c	37	95	8	5	-	-	9	9	1500	1	3
	Roches Point	977·5	0	NNE	4	c	37	85	8	5	-	-	9+	9+	1500	1	3

PAST 24 HOURS.

District	Stations	Temperature Max. Day 7h–18h °F. (31)	Temperature Min. Night 18h–7h °F (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 20th Hrs. (36)
1	London (Kew)	38	37	35	Tr	4	0·0
	Croydon ...	37	35	34	0·1	6	0·0
	S. Farnborough	35	36	34	0·2	6	0·0
	Boscombe Down	36	35	34	0·4	9	0·0
	Calshot (Sthmtn.)	44	42	41	1	4	0·0
	Lympne ...	40	38	36	0·2	5	0·0
	Manston ...	40	38	37	0·1	3	0·0
2	Shoeburyness ...	40	38	37	-	3	0·0
	Felixstowe ...	40	40	37	Tr	4	0·0
	Gorleston ...	39	38	37	Tr	4	2·0
	Mildenhall ...	36	36	33	-	3	0·0
	Cranwell ...	32	31	30	-	10	2·5
3	Birmingham ...	32	31	31	-	13	0·0
	Upper Heyford	33	33	32	0·2	9	*
4	Ross-on-Wye	34	32	32	Tr	17	0·0
5	Portland Bill ...	46	45	*	1	5	*
	Plymouth ...	44	43	33	7	9	0·0
	The Lizard ...	49	44	*	6	5	*
	Scilly (St. Mary's)	49	41	*	6	3	0·0
	Guernsey ..	47	45	41	5	2	0·0
6	Pembroke ...	40	35	*	0·4	19	0·0
7	Holyhead ...	38	33	32	Tr	18	0·0
	Chester (Sealand)	31	31	30	-	27	0·1
8	Manchester ...	35	34	28	0·1	5	0·0
10	Spurn Head ...	37	36	*	-	7	1·7
	Catterick ...	21	19	15	-	8	0·0
	Tynemouth ...	33	29	25	-	6	0·0
11	Inchkeith ...	33	30	20	-	0·3	4·9
	Leuchars ...	35	17	14	-	0·2	6·6
12	Renfrew (Abbots I.)	25	21	18	-	Tr	0·0
	Eskdalemuir ...	24	23	20	-	3	2·6
	Point of Ayre...	38	33	*	-	15	0·0
13A	Tiree ...	42	33	31	-	-	4·5
13B	Stornoway ...	34	26	*	3	-	2·8
15	Dalwhinnie ...	32	8	7	-	-	0·6
	Aberdeen ...	37	14	13	-	-	6·2
	Wick ...	32	14	*	0·1	-	*
16	Lerwick ...	37	30	*	0·1	Tr	0·3
17	Blacksod Point	41	33	*	Tr	1	*
18	Malin Head ...	39	36	*	0·3	Tr	0·0
	Aldergrove ...	35	30	30	0·2	7	0·0
19	Birr Castle ...	34	32	32	2	2	0·0
20	Valentia Obsy. †	44	36	35	6	2	0·0
	Roches Point	44	37	*	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	ofxs₀c	ofcm	cm₀rr	38	37	35	Tr	4	0·0	*	*	6
CROYDON ...	217	cxpsfm	ofmfcmf	ofm₀rd	37	35	34	0·1	6	0·0	*	*	6
GREENWICH (Royal Observatory) ...	149	cf	cfc	crcrrc	37/48	30	34	-	4	0·0	96	84	6
CITY (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	*	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	50	30	35	3		0·0	86	78	*
REGENTS PK. (Botanic Gardens)‡ ...	168	*	*	*	49	37	36	-	4	0·0	91	81	*
CAMDEN SQUARE ...	110	osc	co	*	47	28	-	Tr	4	*	*	78	*
KENSINGTON ...	80	of	of	*	38/48	37	32	Tr	3	0·0	At 18h. 96	81	*
HAMPSTEAD OBSERVATORY ...	440	obc	or	orbc	37	26	24	-	5	0·0	*	93	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 20th

SOUTH KENSINGTON.

Max.	Time.	Min.	Time.
2·0	10–11h 19 h.	<0·3	4·6 h 20 h.

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
1·6	11 hrs 19 h.	<0·1	1–7 hrs 20 h.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 19th January Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 20th January Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
PARIS ...	992·1	ENE	2	r₀r₀	39	991·0	SSE	5	c	48	39	37	2	1
BRUSSELS ...	995·8	E	3	c	37	989·5	S'E	5	r₀r₀	46	39	36	-	0·4
BERLIN ...	1003·6	-	0	cz₀	34	1000·2	SE'S	3	is₀	34	36	28	1	-
ZÜRICH ...						1004·8	SE	2	bc	36		32		1
ROME ...	1011·0	SSE	8	c	57	1009·7	N	9	rr	59	*	*	-	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

Tuesday, 21st January, 1936.
No. 27088.

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

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)	980·6	-14	SSW	5	pr₀	47	75	7	9	-	3	7-8	9	1500
	Croydon ...	980·9	-14	SW	4	c	47	85	6	5	4	-	7-8	9	2500
	S. Farnborough	980·5	-10	S'W	5	pr₀	45	75	8	9	6	3	7-8	9	1500
	Boscombe Down	979·8	-10	SSW	5	pr₀	45	75	7	8	-	-	7-8	7-8	1500
	Calshot (Sthmtn.)	981·4	-6	S'W	5	bc/phr	46	85	8	9	4	-	4-6	4-6	1500
	Lympne ...	983·9	-12	SSW	5	ir₀	45	85	7	6	2	-	4-6	9	1500
	Manston ...	983·5	-10	SSW	5	ir₀	47	85	7	6	2	-	7-8	10	1500
2	Shoeburyness ...	982·1	-8	SSW	5	c	47	85	7	8	1	-	4-6	9+	2500
	Felixstowe ...	982·5	-8	S	4	c	45	85	7	9	7	-	2-3	9+	1500
	Gorleston ...	981·5	-4	S'W	5	c	50	75	6	5	-	-	9	9	2500
	Mildenhall ...	980·0	-6	SW'S	4	c/d	46	75	6	5	7	-	7-8	7-8	2500
	Cranwell ...	977·5	-4	S	4	c	43	75	8	8	-	-	7-8	7-8	2500
3	Birmingham ...	976·3	0	SW	4	ir₀	42	85	6	6	-	-	10	10	1500
4	Upper Heyford	978·3	-6	S'W	5	pr₀	44	85	8	9	7	-	9	9+	1500
	Ross-on-Wye	976·8	0	SW	5	c/pr	44	75	7	8	6	-	4-6	7-8	4000
5	Portland Bill ...	979·8	-10	WSW	6	c	45	85	7	4	-	-	9	9	2500
	Plymouth ...	979·4	-2	WSW	5	pr₀	47	75	7	9	-	3	7-8	9	1500
	The Lizard ...	979·6	-10	WSW	5	bc/pr	48	75	8	8	-	-	4-6	4-6	2500
	Scilly (St. Mary's)	979·7	0	NNW	5	c/phr	45	85	8	3	6	-	4-6	7-8	1500
	Guernsey ...	983·3	-6	SW	6	pr	49	75	7	5	1	-	4-6	7-8	2500
6	Pembroke ...	976·1	+8	W	5	c	40	75	7	5	6	-	4-6	10	2500
7	Holyhead ...	969·6	+6	SWW	4	c	40	85	8	8	-	-	9+	9+	1500
	Chester (Sealand)	972·9	+2	SW	5	z₀	40	75	6	-	2	9	9+	10	800
8	Manchester ...	973·9	+4	SSW	6	c	39	85	7	5	-	-	10	10	1500
10	Spurn Head ...	976·6	+2	SSW	5	c	43	85	7	3	7	-	4-6	7-8	1500
	Catterick ...	973·9	-14	S'E	2	m	33	95	4	-	2	-	10	10	800
	Tynemouth ...	972·7	-52	SSW	3	o/r	39	95	6	6	-	-	10	10	1500
11	Inchkeith ...	977·0	-24	E	6	rs	35	95	6	5	-	-	10	10	800
12	Leuchars ...	980·3	-42	NE	4	s₀s₀	35	95	6	-	2	-	10	10	450
	Renfrew (Abbotsl.)	973·7	-40	NE	5	s₀s₀	33	95	5	-	2	-	10	10	800
	Eskdalemuir ...	974·3	-22	NE	7	ks	32	95	3	-	2	-	10	10	800
	Point of Ayre ...	967·4	-58	E'S	6	rr	38	95	6	6	-	-	10	10	800
13A	Tiree ...	985·0	-14	N'E	6	c	38	65	8	5	2	-	4-6	9+	2500
13B	Stornoway ...	980·4	-8	NE	7	c	38	75	8	8	7	-	7-8	10	1500
15	Dalwhinnie ...	955·0	-36	NE	2	ss	29	85	4	6	-	-	10	10	1500
	Aberdeen ...	984·4	-30	ENE	7	r₀s₀	35	95	6	6	-	-	10	10	800
	Wick ...	988·7	-24	NE	6	c	40	65	8	8	2	-	7-8	10	1500
16	Lerwick ...	992·9	-10	NNE	1	c	34	85	8	5	2	8	4-6	9	1500
17	Blacksod Point	985·1	+4	N	6	q	40	75	8	-	7	-	0	7-8	-
18	Malin Head ...	982·3	-8	N'E	6	r₀s₀	35	95	6	6	-	-	10	10	800
	Aldergrove ...	975·5	-15	N	6	sf	33	95	3	5	-	-	10	10	450
19	Birr Castle ...	980·3	+8	NNW	2	c	34	95	7	6	2	-	7-8	10	2500
20	Valentia Obsy. †	984·2	+18	N'E	3	ir₀	38	85	8	5	-	-	9+	9+	1500
	Roches Point	981·3	+15	N	4	c	38	75	8	5	-	-	9+	9+	1500

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

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)	980·4	+4	SW	3	ir₀	42	85	6	6	2	-	7-8	10	1500	1	*
	Croydon ...	980·7	-2	SW'S	4	pr₀	41	95	6	9	-	-	10	10	1500	1	*
	S. Farnborough	980·1	0	S	3	c/pr	39	95	7	9	3	3	4-6	7-8	1500	1	*
	Boscombe Down	979·5	+2	S'W	4	c	39	95	7	8	-	-	7-8	7-8	1500	1	*
	Calshot (Sthmtn.)	980·6	-6	SW	4	c/pr	43	85	8	9	-	-	9+	9+	2500	1	3
	Lympne ...	983·3	+2	SSW	5	c	42	85	7	8	3	2	4-6	7-8	1500	1	§4
	Manston ...	982·7	-10	SSW	5	pr₀	42	85	7	8	6	-	4-6	4-6	1500	1	*
2	Shoeburyness ...	981·6	0	SSW	5	bc	42	85	8	8	-	-	2-3	2-3	4000	1	*
	Felixstowe ...	981·7	+2	S'W	4	bc	41	85	7	8	-	-	4-6	4-6	1500	1	3
	Gorleston ...	980·5	-8	S'W	4	b	44	95	6	4	-	-	1	1	2500	1	3
	Mildenhall ...	978·9	-8	SSW	4	bc	41	85	6	3	-	-	2-3	2-3	2500	1	*
	Cranwell ...	977·0	-2	S'E	4	c	37	85	7	8	-	-	10	10	2500	6	*
3	Birmingham ...	977·4	+6	WSW	4	c	37	75	8	5	-	-	9+	9+	1500	1	*
4	Upper Heyford	978·7	+6	SW	4	ir₀	38	95	8	8	-	-	7-8	7-8	1500	1	*
	Ross-on-Wye	978·6	+10	W'S	4	c	35	75	7	5	-	-	10	10	2500	1	*
5	Portland Bill ...	980·1	+6	WNW	5	c	44	85	7	4	-	-	7-8	7-8	2500	2	4
	Plymouth ...	983·1	+34	WNW	5	c	42	85	7	5	-	-	9	9	2500	1	3
	The Lizard ...	985·0	+54	W'N	6	c	42	75	8	8	6	-	7-8	9+	2500	1	3
	Scilly (St. Mary's)	986·0	+50	NW	6	c	42	75	8	8	-	-	9+	9+	2500	1	4
	Guernsey ...	984·3	+8	W	7	pr₀	45	85	7	8	-	-	7-8	7-8	2500	2	5
6	Pembroke ...	979·8	+20	WNW	4	q	40	75	7	5	2	-	9	10	2500	1	3
7	Holyhead ...	970·5	+2	WNW	8	r₀r₀	40	95	7	9	-	-	10	10	800	1	4
	Chester (Sealand)	973·1	0	SW'W	5	bc	39	65	7	5	-	-	4-6	4-6	800	8	*
8	Manchester ...	973·5	-4	SSW	5	c/r	37	85	7	5	2	-	9	10	1500	2	*
10	Spurn Head ...	975·3	-4	S'W	5	c	41	85	7	3	7	-	4-6	7-8	1500	0	4
	Catterick ...	972·7	-2	S	3	z₀	37	85	6	-	2	-	10	10	800	8	*
	Tynemouth ...	972·2	-4	SW	3	o	38	85	6	6	-	-	10	10	1500	1	3
11	Inchkeith ...	969·3	-28	NE	8	rs	34	95	6	6	-	-	10	10	800	1	6
12	Leuchars ...	973·6	-40	N	5	ss	33	95	4	-	2	-	10	10	450	3	*
	Renfrew (Abbotsl.)	975·7	-22	NNE	6	s₀s₀	35	85	6	-	2	-	10	10	800	8	*
	Eskdalemuir ...	971·1	-12	NNE	3	s₀s₀	32	95	4	-	2	-	10	10	800	8	*
	Point of Ayre ...	969·1	+20	NE	7	o	38	95	7	6	-	-	10	10	1500	1	4
13A	Tiree ...	982·7	-6	N'E	7	c	40	65	7	5	2	-	4-6	9+	2500	0	5
13B	Stornoway ...	987·9	-8	NE	5	phr	34	95	8	8	2	-	7-8	10	1500	6	3
15	Dalwhinnie ...	980·6	-20	NW	6	K/S	30	75	4	6	-	-	10	10	1500	8	*
	Aberdeen ...	977·7	-36	NE'N	7	r₀s₀	34	95	6	6	-	-	10	10	1500	3	4
	Wick ...	984·8	-10	NE	8	c	38	85	7	8	2	-	7-8	10	1500	3	3
16	Lerwick ...	980·5	-14	ENE	5	c	37	75	7	8	7	-	4-6	7-8	1500	8	*
17	Blacksod Point	986·6	+18	NNE	6	q	40	75	8	9	-	-	7-8	7-8	800	1	4
18	Malin Head ...	981·8	+8	N	6	r₀s₀	38	95	6	6	-	-	10	10	800	1	4
	Aldergrove ...	976·9	+10	NNW	6	s₀s₀	33	95	4	-	2	-	0	10	-	9	*
19	Birr Castle ...	983·4	+16	NNW	1	bc	34	95	8	5	-	-	4-6	4-6	2500	1	*
20	Valentia Obsy. †	987·3	+18	N	2	c	38	75	8	5	-	-	9	9	1500	1	1
	Roches Point	985·3	+28	N	4	c	37	85	8	5	-	-	7-8	7-8	1500	1	3

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 20th. (37)	Weather. 13h.—18h. 20th. (38)	Weather. 18h. 20th to 1h. 21st. (39)	Weather. 1h.—7h. 21st. (40)
1	London (Kew)	cpr₀	cprr₀	cm₀pr	cm₀
	Croydon ...	cir₀p₀bcc	cprPRq	cprm₀bc	cbc
	S. Farnborough	cpr₀q	prPRq	cpr₀bc	c₀bc
	Boscombe Down	bccpr	cphrq	cbc	bcc
	Calshot (Sthmtn.)	bcpr₀PHRq	cphrqcPR	cprcbc	bcc
	Lympne ...	bccir	prpHR	bophr	b₀cpr
	Manston ...	cr₀	cr₀bcpr	bcprq	b₀cpr
2	Shoeburyness ...	prqc	cbcpr	cpRRq	cPRq
	Felixstowe ...	bccpr₀	cqprbc	cPRRRb	bbcc
	Gorleston ...	orcbc	cpr₀bc	cbcq	bcq
	Mildenhall ...	cbbc	bcprbcb	b	bbc
	Cranwell ...	fd₀d₀	cbcc	cbc	bc
3	Birmingham ...	bcc	cpr₀	c	cbc
4	Upper Heyford	bcbccpr₀	cphr₀	cr₀bcqc	cbcqx
	Ross-on-Wye	cqip	pqcbcc	p₀qcq	cqbb
5	Portland Bill ...	cprc	prtlc	bcbc	bcc
	Plymouth ...	bccpr	cprir₀m₀	cbc	bbccpsm
	The Lizard ...	cpRh	bcprq	cprq	cpr₀q
	Scilly (St. Mary's)	cphrq	c	liphr	cph₀q
	Guernsey ...	bccq	cqPR	cprbcq	cPRc
6	Pembroke ...	cq	cq	cq	cbcq
7	Holyhead ...	r₀s₀c	pr₀r₀	cr₀r	r₀pr₀
	Chester (Sealand)	or₀m₀	bccphr	bccrq	orrsrs
8	Manchester ...	r₀r₀c	bccir₀	crrir₀	rsrsr₀
10	Spurn Head ...	qprc	bc	prc	qc
	Catterick ...	d₀d₀om	om₀	om₀r₀	om₀
	Tynemouth ...	orsrr	om	obco	o
11	Inchkeith ...	pssrs	srssrs	osrs	oc
12	Leuchars ...	pshs₀s₀	s₀s₀ssm	ossmr₀c	cbcx
	Renfrew (Abbotsl.)	ms₀s₀ss	om₀s₀s	s₀s₀rsrs	c
	Eskdalemuir ...	ssy₀f	ts₀s₀	os₀s₀	ops₀c
	Point of Ayre ...	ssrs	rrir	pts₀	
13A	Tiree ...	c	crs₀	c	cprbc
13B	Stornoway ...	c	cphp₀s	cpr₀ph	cpr₀q
15	Dalwhinnie ...	ss	ks	*	ks
	Aberdeen ...	PRHrs	rsrso	rsrsc	c
	Wick ...	pre	PHR	IRSH	IRhs
16	Lerwick ...	bbcc	c	cphrq	c
17	Blacksod Point	PHs₀	phcq	PHq	PHcq
18	Malin Head ...	oirs	oirs	oid₀bc	bccd
	Aldergrove ...	SSf	ssfs₀	oss₀c	cps₀
19	Birr Castle ...	oisc	cbc	bc	bcx
20	Valentia Obsy. †	prsir₀	circ	prsPHbr	cphrbc
	Roches Point	c	cocc	cbc	bc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

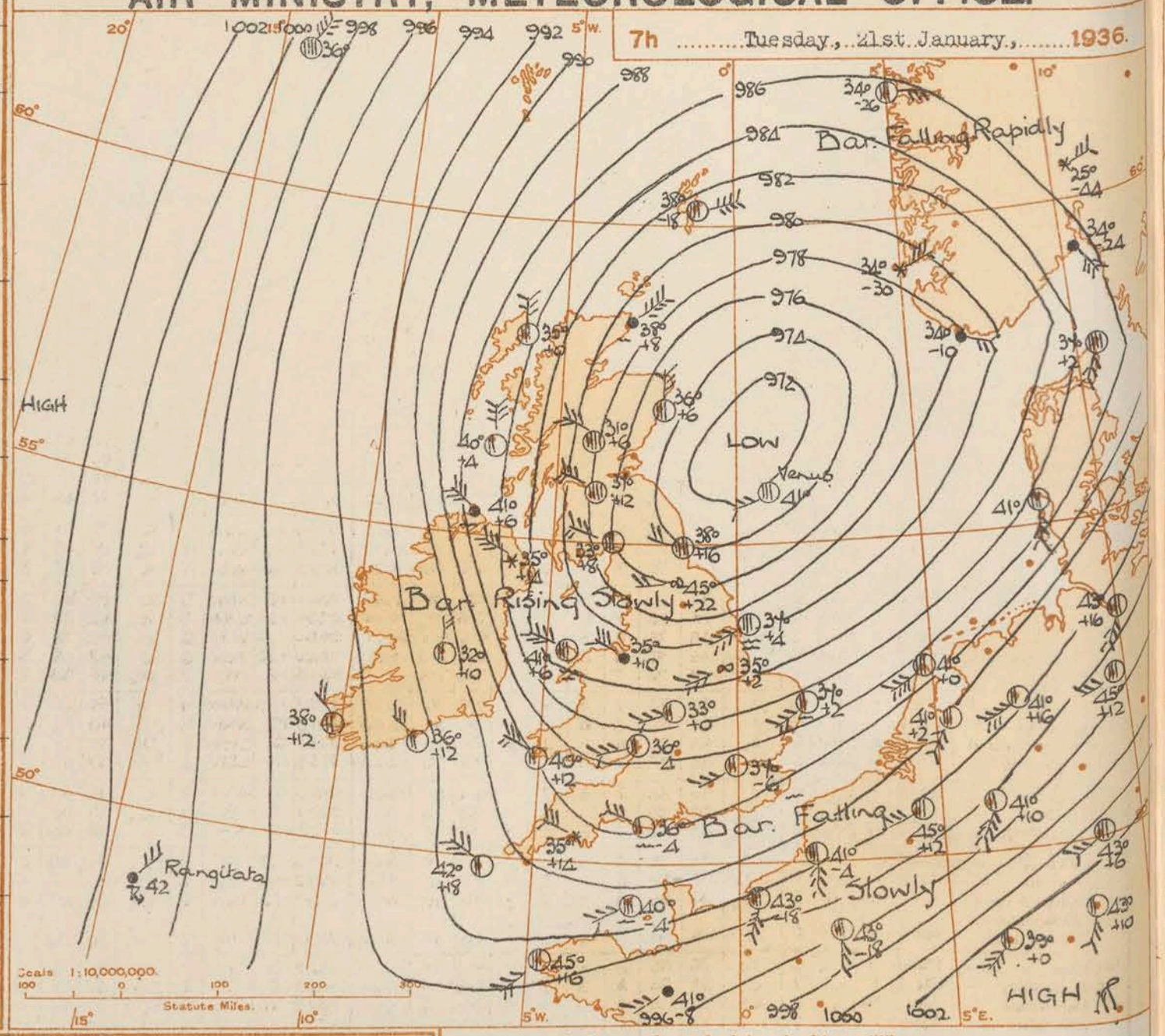
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 20th January 1936.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	c	chroc	33	47	7	0·5	0·3
	Bournemouth	cc	ccr	38	47	8	3	1·5
	Ventnor ...	ropb	bpor	41	49	4	1	3·1
	Southsea ...	corbc	chcor	38	49	7	2	1·7
	Bognor Regis	orcbc	bcpr	37	47	5	3	2·1
	Littlehampton	bcpbc	bcpc	37	48	5	1	1·8
	Worthing ...	c	bccrc	37	49	6	0·5	2·4
	Brighton ...	bc	cbcrc	38	48	5	1	1·6
	Eastbourne†	co	obcpc	42	49	5	0·1	1·3
	Hastings† ...	bccop	cpbc	40	49	6	1	1·5
	Folkestone ...	bccor	cHRc	38	49	3	2	1·4
	Dover... ...	bcro	ropbc	40	50	3	1	1·1
	Deal	cbccr	ocr	38	49	2	1	1·5
	Ramsgate ...	cbcc	rcrcr	39	50	2	1	1·8
	Margate ...	bc	cr	38	51	2	0·3	1·6
2	Southend ...	cpobc	bccrq	30	48	4	1	2·6
	Maldon ...	rcip	cip	36	48	3	1	1·5
	Clacton-on-Sea	cbcc	cqrcb	32	46	3	2	1·3
	Dovercourt ...	rbc	bcpbc	32	48	5	Trace	1·8
	Lowestoft ...	bcc	bcod	24	49	5	Trace	2·0
	Skegness ...	bc	bc	23	45	7	–	3·7
	Mablethorpe	cmbc	bcc	33	46	10	–	1·3
	Cleethorpes ...	cebc	bcc	22	45	9	–	2·3
3	Leamington S.	bbc	bc	25	48	9	–	4·7
4	Cheltenham†	bc	cirbc	34	46	9	0·3	4·0
5	Bath	b	bcerh	31	48	11	1	4·1
	Weymouth ...	cbc	phrlp	38	50	10	4	3·2
	Jersey ...	rcbc	bcpc	41	50	2	0·2	3·1
	Torquay ...	pbbcp	cpbcp	42	49	12	4	2·0
	Penzance ...	rbcih	hpbcc	42	47	5	5	1·8
	St. Ives ...	pr	pr	40	46	6	3	1·4
	Bude	rbcp	bcp	40	44	7	1	1·7
	Ilfracombe ...	opr	o	39	46	12	6	0·2
6	Aberystwyth	prc	c	33	41	4	–	0·0
7	Llandudno ...	c	cbcr	31	42	18	0·2	1·2
	Colwyn Bay...	cc	cbcpc	31	35	14	0·5	0·5
	Rhyl	oc	cbcc	22	41	10	–	1·1
8	Wallasey ...	foc	cbcc	26	40	16	–	1·0
	Southport‖ ...	o	oco	30	39	5	–	0·5
	Blackpool ...	orsc	cq	26	39	12	0·2	0·0
	Morecambe ...	srscc	c	24	40	10	–	0·0
9	Ilkley... ...	omrso	oorso	20	39	17	2	0·0
	Harrogate ...	ocd	c	20	38	24	Trace	0·0
10	Berwick-on-T.	osR	Ro	22	40	6	4	0·0
11	Dunbar ...	crr	crs	25	39	0·5	13	0·0
12	Troon... ...	ososs	ssoss	23	35	0·5	8	0·0
	Douglas ...	oSS	orsir	31	41	27	11	0·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 6/10 to 9/10 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. 21st January, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Wind westerly, fresh to strong, squally, decreasing; bright intervals; showers, with hail or sleet locally; rather cold, sharp frost inland at night.
5 S.W. England 6 South Wales ...	Wind northwest, strong, squally, decreasing; bright intervals; showers of rain or hail with sleet locally; rather cold, sharp frost inland at night.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland	Wind northwest to north, strong, squally; bright intervals; showers of rain, hail or sleet, with snow on the hills; cold, sharp frost inland at night.
15 N. E. Scotland 16 Orkneys and Shetlands	North to northeast gale, moderating; mainly cloudy; occasional snow or sleet, heavy locally; cold.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Wind northwest to north, fresh, squally, decreasing; bright intervals; showers of rain or hail, with sleet locally; cold, sharp frost inland at night.

GENERAL INFERENCE.

A deep depression centred east of Scotland is filling up and moving slowly northeast. There will be bright intervals and showers in all districts with occasional hail or sleet and snow on the hills in the North. It will continue cold with sharp frost inland at night.

FURTHER OUTLOOK.

Bright intervals and showers; continuing cold with sharp night frost.

TIMES OF ISSUE OF GALE WARNINGS.

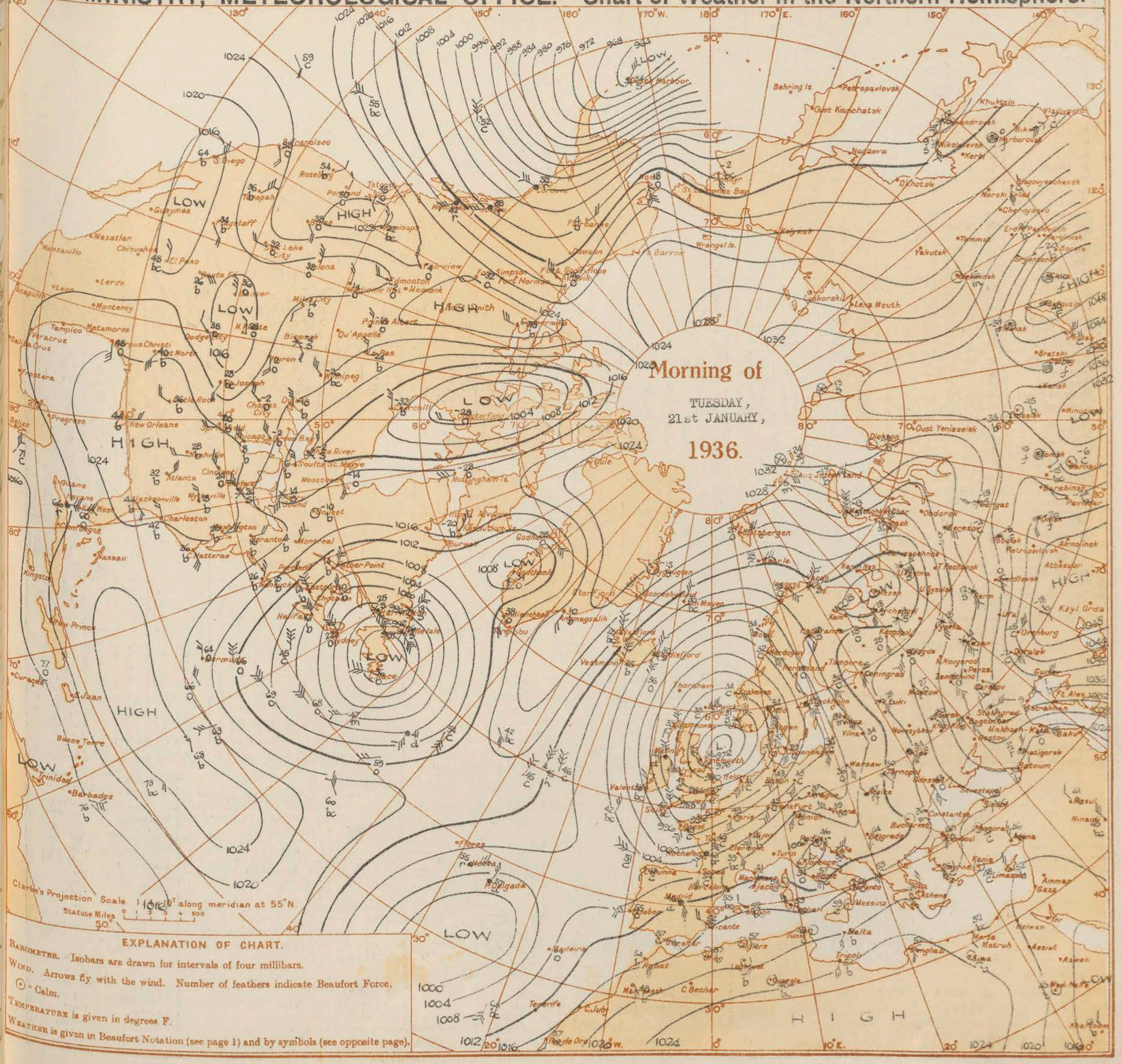
North cone hoisted at 1930 on 19th in district 15.
" " " " 0300 on 19th in district 16.

Forecasts issued at 1030 G.M.T.

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

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

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



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, 21st January, 1936.
No. 27088.

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

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	986·4	+26	SW'W	5	c	40	75	8	5	-	-	9	9	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	988·5	+34	WSW	5	b	39	65	8	5	-	-	1	1	4000
	Manston ...	142	986·8	+40	SW	5	b	40	65	9	2	-	-	Tr	Tr	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	982·1	+24	SW'S	6	bc	39	85	7	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	987·7	+18	W	5	bc	44	75	8	4	-	-	4-6	4-6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	989·0	0	W'N	5	c	42	85	8	8	2	-	7-8	9	1500
	Scilly (St. Mary's)	163	989·4	+2	NW	4	bc	40	95	8	2	-	-	4-6	4-6	2500
	Guernsey ..	175	991·6	+8	SW	6	pr	43	85	7	5	-	-	10	10	1500
6	Pembroke ...	142	985·8	+14	WNW	5	cq	40	75	7	5	6	-	4-6	9	2500
7	Holyhead ...	26	980·1	+30	NW'W	7	r0	39	85	7	9	2	-	7-8	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	974·3	-8	SW	7	c	38	95	7	3	2	-	4-6	9	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	971·8	0	S	2	0	38	85	7	5	-	-	10	10	1500
11	Inchkeith ...	190	973·0	+18	NE	6	c	36	95	8	4	2	-	2-3	10	4000
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	974·8	+12	NW	7	o/rs	39	85	8	6	-	-	10	10	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	985·1	-4	NNE	6	c	37	65	8	5	7	-	7-8	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	973·1	-24	NE	8	r5	36	95	7	6	2	-	9	10	800
16	Lerwick ...	156	984·8	-30	SNE	7	c/pr	37	85	8	8	2	-	7-8	10	800
17	Blacksod Point	18	992·1	+22	N	4	bc	35	85	8	9	-	-	4-6	4-6	1500
18	Malin Head ...	52	983·7	+10	N	6	bc	41	95	7	6	-	-	2-3	2-3	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	991·4	+12	NW	4	bc	33	75	8	-	2	-	0	2-3	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	986·3	-4	SW	3	cz0	37	85	6	5	-	-	7-8	7-8	1500	1	*
Croydon ...	986·3	-6	SW	3	c	37	85	7	-	4	2	0	7-8	-	1	*
S. Farnborough	986·4	-4	WSW	2	c	36	85	7	4	6	2	4-6	7-8	2500	1	*
Boscombe Down	987·0	-2	WSW	3	c	35	95	8	5	-	-	7-8	7-8	1500	1	*
Calshot (Sthmtn.)	987·6	-10	SW	2	c	39	85	8	5	-	-	7-8	7-8	2500	1	2
Lympne ...	988·0	-14	SW	3	/pr	37	95	7	5	-	-	9	9	1500	1	§4
Manston ...	987·2	-6	SW	4	c/pr	39	85	8	8	-	-	9+	9+	1500	1	*
Shoeburyness ...	986·2	-8	SSW	4	c	39	85	7	5	-	-	9	9	4000	1	*
Felixstowe ...	986·3	-4	SSW	3	c	39	75	7	5	-	-	7-8	7-8	2500	1	2
Gorleston ...	984·3	+2	SW'S	5	bc	37	75	7	-	3	-	0	2-3	-	1	4
Mildenhall ...	988·1	+2	SW	4	b	36	85	8		2	1	0	1	-	1	*
Cranwell ...	981·0	+2	SW'S	6	bcz0	35	85	6	5	3	-	2-3	4-6	2500	1	*
Birmingham ...	983·2	0	SW	4	c	33	85	8	-	7	6	0	7-8	-	1	*
Upper Heyford	985·0	-4	SW	4	bc	33	95	8	5	-	-	2-3	2-3	1500	1	*
Ross-on-Wye	985·1	-4	WSW	4	bc	36	75	8	5	-	3	1	2-3	2500	1	*
Portland Bill ...	987·5	-6	NW	4	bc	42	85	7	4	-	-	4-6	4-6	2500	1	4
Plymouth ...	990·3	+14	WNW	4	ps	35	95	6	8	-	-	9	9	1500	1	2
The Lizard ...	991·3	+20	WNW	5	c/pr	39	85	8	8	6	-	7-8	7-8	1500	1	3
Scilly (St. Mary's)	991·7	+18	NNW	6	bc/pr	42	75	8	3	-	-	4-6	4-6	1500	1	3
Guernsey ..	990·0	+4	SW	4	c/pr	40	95	7	5	1	-	7-8	10	2500	2	4
Pembroke ...	987·2	+12	NW'W	5	bcq	40	75	7	5	-	-	4-6	4-6	2500	1	3
Holyhead ...	981·6	+6	WNW	7	c/pr	41	75	7	8	-	-	7-8	7-8	1500	1	5
Chester (Sealand)	981·4	+10	WNW	4	rs	35	95	5	-	2	-	10	10	800	3	*
Manchester ...	979·7	+12	WNW	4	ro/ro	35	95	6	5	-	-	10	10	800	2	*
Spurn Head ...	976·7	+4	SW'W	7	cq	37	85	7	3	7	-	4-6	9+	1500	0	6
Catterick ...	975·9	+22	W	1	cz0	35	85	6	-	2	-	10	10	1500	8	*
Tynemouth ...	973·9	+18	WNW	2	0	38	85	7	5	-	-	10	10	1500	1	2
Inchkeith ...	974·3	+6	NW	4	c	37	75	8	5	2	-	2-3	10	2500	1	3
Leuchars ...	974·2	+4	NW	3	c	37	75	8	8	7	-	4-6	7-8	2500	6	*
Renfrew (Abbots I.)	978·6	+12	NWW	5	0	37	75	8	6	-	-	10	10	1500	3	*
Eskdalemuir ...	975·7	+8	NW	5	c	33	85	8	5	-	-	9+	9+	1500	8	*
Point of Ayre...	979·3	+18	NW	7	pr	40	75	8	6	-	-	10	10	1500	1	4
Tiree	983·9	+4	NW	6	bc	40	75	8	8	-	-	4-6	4-6	2500	0	-
Stornoway ...	984·9	0	N	5	c	35	85	8	5	7	-	4-6	7-8	1500	8	3
Dalwhinnie ...	978·9	+6	NW	5	k/s	31	95	4	6	-	-	10	10	1500	8	*
Aberdeen ...	974·1	+6	N	4	c	36	95	7	6	2	8	7-8	10	800	3	3
Wick ...	979·1	+8	NNE	8	rs	38	85	8	6	2	-	8	10	800	3	4
Lerwick ...	981·6	-18	ENE	8	c	38	65	8	8	7	-	7-8	9	1500	8	*
Blacksod Point	992·2	+6	N	5	c	37	85	7	9	-	-	9	9	800	1	4
Malin Head ...	985·1	+6	NNW	6	id0	41	85	7	8	-	-	10	10	1500	0	7
Aldergrove ...	983·6	+14	NW'W	5	bs0 ~~pr~~	35	95	7	9	-	-	9+	9+	1500	9	*
Birr Castle ...	990·3	+10	N	2	bc	32	95	8	5	-	-	4-6	4-6	2500	1	*
Valentia Obsy. †	994·5	+12	NNW	2	bc	38	85	8	8	-	-	4-6	4-6	1500	5	3
Roches Point	992·2	+12	NW	3	bc	36	85	8	5	-	-	2-3	2-3	2500	1	3

PAST 24 HOURS.

Stations	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Night 18h–7h mm. (35)	Sunshine 20th Hrs. (36)
London (Kew)	47	36	32	0·6	Tr	1·5
Croydon ...	48	37	34	3	1	0·9
S. Farnborough	47	35	29	1	0·6	1·8
Boscombe Down	47	34	30	3	-	2·5
Calshot (Sthmtn.)	48	39	35	3	1	1·3
Lympne ...	48	37	33	2	3	1·5
Manston ...	51	38	33	2	1	2·0
Shoeburyness ...	49	38	32	0·3	7	1·7
Felixstowe ...	46	38	35	0·5	4	1·3
Gorleston ...	50	37	36	Tr	-	1·5
Mildenhall ...	47	36	33	0·4	-	2·3
Cranwell ...	44	35	33	Tr	-	4·1
Birmingham ...	43	33	31	0·2	-	1·6
Upper Heyford	47	33	29	1	Tr	*
Ross-on-Wye	45	36	32	1	0·1	1·8
Portland Bill ...	48	40	*	5	0·5	*
Plymouth ...	47	35	32	2	0·6	1·6
The Lizard ...	49	38	*	2	3	*
Scilly (St. Mary's)	47	39	*	1	1	1·4
Guernsey ..	50	37	32	2	13	3·7
Pembroke ...	46	38	*	0·1	-	0·0
Holyhead ...	43	38	36	1	4	0·5
Chester (Sealand)	40	34	32	0·2	10	0·0
Manchester ...	41	33	32	0·3	12	0·1
Spurn Head ...	43	36	*	2	0·2	2·1
Catterick ...	39	33	31	8	1	0·0
Tynemouth ...	41	35	31	15	-	0·0
Inchkeith ...	36	26	33	5	1	0·0
Leuchars ...	37	33	31	11	6	0·0
Renfrew (Abbots I.)	35	33	32	5	6	0·0
Eskdalemuir ...	33	32	32	26	5	0·0
Point of Ayre...	41	37	*	12	1	0·0
Tiree	40	35	33	Tr	0·3	0·0
Stornoway ...	38	33	*	0·3	1	0·0
Dalwhinnie ...	30	30	29		4	0·0
Aberdeen ...	40	33	32	10	8	0·0
Wick ...	40	35	*	2	7	*
Lerwick ...	38	36	*	-	Tr	0·4
Blacksod Point	44·8	43·3	*	1	4	*
Malin Head ...	38	36	*	4	0·2	0·0
Aldergrove ...	34	33	32	10	4	0·0
Birr Castle ...	34	32	29	1	-	0·0
Valentia Obsy. †	39	33	28	0·5	2	0·0
Roches Point	38	35	*	-	-	*

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.	Afternoon.	Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. %	9h. G.M.T. % (To-day.)	Visibility 9h.
Kew...	18	cpr0	cpr0	cm0pr	47	36	32	0·6	Tr	1·5	•	•	6
Croydon	217	cr0pr bc	cprPRq	cprmbc	48	37	34	3	1	0·9	•	•	6
Greenwich (Royal Observatory)...	149	c	cRir	cr0cD	48	36	32	3	1	1·0	84	74	5
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	0·7	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	49	37	30	3		1·2	81	77	•
Regents Pk. (Botanic Gardens)‡...	168	•	•	•	49	37	33	1	0·5	1·1	84	83	•
Camden Square	110	cbcc	crc	•	48	37	31	1	0·5	•	80	•	•
Kensington	80	bcp	bcp	•	49	38	29	·1	1	1·6	At 18h. 77	74	•
Hampstead Observatory	450	bcod	od	o	46	34	22	0·5	-	0·9	•	93	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 21st

South Kensington. Max.	Time.	Min.	Time.
1·0	19-20h 20th	<0·3	03-06h 21st

Kew Observatory. Max.	Time.	Min.	Time.
0·2	18h 20th	<0·1	23h 20th - 6h 21st

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 20th January. Barom. mb.	Wind. Direc.	Force.	Weather.	Temp. °F.	7h. G.M.T. 21st January. Barom. mb.	Wind. Direc.	Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Night mm.
Paris	991·0	SW	6	bcq	48	996·3	S	4	c	43	54	41	2	Tr
Brussels	987·4	SSW	4	0	43	992·8	SSW	6	0	41	54	39	5	0·6
Berlin	997·1	SSE	2	bcz0	37	998·5	SW	4	c	43	37	36	Tr	2
Zurich	1003·2	N	0	cz0	41	1009·8	SSW	2	b	39	50		37	4
Rome	1009·9	SSW	3	bc	59	1011·3	SE	5	c	57	•	•	3	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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, 22nd January, 1936.
No. 27089.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	989·2	+18	W'S	5	z_o	42	55	6	1	-	1	2-3	2-3	2500
	Croydon ...	989·4	+18	W	5	z_o	42	65	6	1	4	5	2-3	4-6	2500
	S. Farnborough	990·2	+20	WSW	4	bc	44	65	8	1	-	2	4-6	4-6	1500
	Boscombe Down	991·5	+24	W'N	5	bc	39	65	8	8	-	1	4-6	4-6	1500
	Calshot (Sthmtn.)	992·0	+22	SW'W	5	bc	44	65	8	8	4	-	4-6	4-6	2500
	Lympne ...	990·3	+16	WSW	5	bc	41	65	8	1	-	3	2-3	2-3	2500
	Manston ...	988·9	+16	SW	5	bc	42	65	7	1	-	-	4-6	4-6	2500
2	Shoeburyness ...	988·4	+18	WSW	5	bc	42	75	6	2	-	-	4-6	4-6	4000
	Felixstowe ...	987·2	+16	SW	5	bc	41	65	7	7	-	-	4-6	4-6	4000
	Gorleston ...	984·9	+4	SW'W	4	c	40	75	7	5	-	-	7-8	7-8	2500
	Mildenhall ...	985·5	+12	W	5	c	42	75	8	5	7	9	4-6	7-8	2500
	Cranwell ...	989·9	+18	SW'W	5	cz_o	37	85	6	5	7	-	7-8	9	1500
3	Birmingham ...	986·9	+24	W	5	bc	38	75	6	1	-	1	2-3	4-6	1500
	Upper Heyford	988·9	+24	W	6	cq	41	65	8	5	7	8	4-6	7-8	1500
4	Ross-on-Wye	989·6	+16	W	4	c	41	65	8	2	1	8	1	9	4000
5	Portland Bill ...	993·2	+20	W	5	c	45	85	8	4	4	-	4-6	7-8	2500
	Plymouth ...	995·1	+22	W'N	5	bcjp	45	65	8	3	-	-	4-6	4-6	2500
	The Lizard ...	996·7	+22	NW'W	5	c/pr	44	85	8	8	6	-	4-6	7-8	1500
	Scilly (St. Mary's)	996·9	+16	NW	5	cjp	47	65	8	8	-	3	4-6	7-8	2500
	Guernsey ...	996·3	+32	W	5	c/pr	44	95	6	5	1	-	4-6	7-8	2500
6	Pembroke ...	991·8	+20	NW	6	bcq	42	65	7	8	6	-	4-6	4-6	4000
7	Holyhead ...	987·3	+26	WNW	7	c	41	75	7	8	-	4	9	9	1500
	Chester (Sealand)	985·6	+20	NW'W	4	sh	36	85	5	-	2	-	10	10	450
8	Manchester ...	983·6	+20	W	4	pr_o	38	85	6	9	7	-	7-8	9+	1500
10	Spurn Head ...	980·6	+12	WSW	5	c	37	95	6	5	2	-	4-6	9+	1500
	Catterick ...	980·2	+24	WNW	2	c	37	85	8	5	7	-	7-8	9+	2500
	Tynemouth ...	977·8	+14	W	3	o/r	37	85	5	6	-	-	10	10	1500
11	Inchkeith ...	981·1	+28	NW	4	o	37	85	8	5	-	-	10	10	2500
	Leuchars ...	980·2	+34	NNW	3	c	37	75	8	9	2	-	4-6	10	1500
12	Renfrew (Abbotsl.)	984·1	+30	NW	4	c	37	75	8	5	2	-	10	10	2500
	Eskdalemuir ...	980·4	+30	NW	6	s_os_o	33	85	6	2	-	-	10	10	800
	Point of Ayre ...	984·3	+22	N'W	7	c	40	75	8	8	-	-	10	10	1500
13A	Tiree ...	987·7	+10	N	5	bc/phr	38	85	8	8	7	-	4-6	4-6	1500
13B	Stornoway ...	986·9	+4	N	5	c/phr	36	75	8	8	7	3	4-6	7-8	1500
15	Dalwhinnie ...	984·2	+24	NW	3	c	32	95	7	4	6	-	4-6	10	2500
	Aberdeen ...	979·6	+22	NNW	4	bcjp	36	85	7	3	-	8	2-3	4-6	1500
	Wick ...	982·0	+12	N	8	prs_o	38	85	7	6	2	-	9	10	800
16	Lerwick ...	980·5	-2	NNE	5	c/phr	36	95	7	9	2	-	9	10	800
17	Blacksod Point	995·3	+22	WNW	3	c	37	85	8	9	-	-	7-8	7-8	800
18	Malin Head ...	988·9	+10	N'W	6	cjp	41	95	7	8	-	-	7-8	7-8	2500
	Aldergrove ...	987·5	+16	WNW	4	c	36	85	8	9	7	-	4-6	10	1500
19	Birr Castle ...	994·2	+12	W'N	1	bc	37	85	8	5	-	2	4-6	4-6	2500
20	Valentia Obsy. ‡	998·1	+10	N'W	4	c/pr	41	75	8	9	2	-	4-6	9+	1500
	Roches Point	995·9	+16	NW	3	c	39	75	9	8	-	3	4-6	7-8	1500

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

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)	993·9	+22	SW'W	3	z_o	39	75	6	-	-	8	0	2-3	-	1	*
	Croydon ...	993·9	+24	WSW	5	b	39	75	6	-	6	-	0	1	-	1	*
	S. Farnborough	994·5	+22	W	4	b	38	75	8	8	-	-	Tr	Tr	2500	1	*
	Boscombe Down	995·8	+26	WSW	4	bc	36	85	7	8	-	1	2-3	2-3	2500	1	*
	Calshot (Sthmtn.)	996·3	+22	SW'W	4	bc	39	75	8	8	4	-	2-3	2-3	2500	1	2
	Lympne ...	995·0	+24	WSW	4	b	36	75	8	8	-	1	Tr	Tr	2500	1	§4
	Manston ...	993·6	+26	WSW	4	bc	39	65	8	-	-	2	0	2-3	-	1	*
2	Shoeburyness ...	993·2	+28	WSW	5	bc	40	75	7	-	7	-	0	2-3	-	1	*
	Felixstowe ...	991·4	+24	SW	5	bc	40	65	7	1	4	-	Tr	4-6	4000	1	3
	Gorleston ...	988·8	+24	SW'W	5	pr_o	40	75	7	6	-	-	10	10	1500	1	3
	Mildenhall ...	990·0	+26	W	4	c	39	75	8	5	7	-	4-6	7-8	2500	1	*
	Cranwell ...	988·1	+30	SW'W	5	z_o	35	85	5	5	2	-	9	10	1500	1	*
3	Birmingham ...	991·6	+30	WSW	4	c	37	75	7	-	7	-	0	9	-	1	*
	Upper Heyford	993·3	+30	W	4	q	36	75	8	8	7	8	1	4-6	2500	1	*
4	Ross-on-Wye	993·6	+20	W	3	c	38	75	8	3	-	3	1	7-8	2500	1	*
5	Portland Bill ...	996·5	+22	WNW	5	bc	44	75	8	4	-	-	4-6	4-6	2500	1	4
	Plymouth ...	998·1	+16	W'N	4	bc	42	75	7	3	-	3	2-3	2-3	2500	1	2
	The Lizard ...	997·6	+6	W'N	4	c	43	65	8	9	6	-	7-8	9	1500	1	3
	Scilly (St. Mary's)	999·4	+12	NW'N	5	c/phr	42	85	8	9	-	-	9	9	1500	1	2
	Guernsey ...	999·5	+10	W'N	4	pr_o	43	75	7	3	-	-	4-6	4-6	2500	1	4
6	Pembroke ...	994·8	+16	NW	5	q	41	65	7	8	4	-	4-6	4-6	2500	1	3
7	Holyhead ...	991·1	+22	WNW	6	c	41	75	7	8	-	-	9+	9+	1500	1	4
	Chester (Sealand)	991·0	+30	WNW	4	sh	35	95	6	6	2	-	10	10	800	8	*
8	Manchester ...	989·1	+34	WNW	3	z_o	36	95	6	8	-	-	9+	9+	1500	2	*
10	Spurn Head ...	984·5	+10	W	6	q	38	85	6	5	2	-	4-6	10	1500	0	5
	Catterick ...	985·8	+44	NW	3	prs_o	37	75	7	8	-	-	10	10	1500	8	*
	Tynemouth ...	985·1	+52	W	3	o	37	85	6	6	-	-	10	10	1500	1	2
11	Inchkeith ...	986·1	+24	NW	3	c	37	75	8	5	2	-	2-3	7-8	2500	1	2
	Leuchars ...	985·6	+34	NW	3	c	36	75	8	5	2	-	2-3	7-8	2500	3	*
12	Renfrew (Abbotsl.)	987·7	+14	W'S	3	c	35	85	7	5	7	-	4-6	7-8	4000	5	*
	Eskdalemuir ...	987·8	+40	NW'W	5	c	32	75	6	5	-	-	9	9	1500	8	*
	Point of Ayre ...	989·5	+24	N'W	5	o	40	75	8	5	-	-	10	10	2500	1	3
13A	Tiree ...	990·3	+14	NNW	4	bc	39	75	8	8	6	-	2-3	4-6	2500	0	4
13B	Stornoway ...	988·5	+10	WNW	2	c/phr	35	75	8	8	7	-	4-6	7-8	1500	8	1
15	Dalwhinnie ...	987·9	+24	NW	2	is_o	32	95	7	4	6	-	4-6	9	2500	8	*
	Aberdeen ...	983·9	+28	NW	4	ps_o	36	85	7	9	7	-	2-3	7-8	1500	3	3
	Wick ...	984·2	+16	NNW	5	c	36	85	8	8	8	-	4-6	7-8	1500	3	3
16	Lerwick ...	980·6	0	N'W	5	c/phr	36	95	8	9	2	-	7-8	10	800	3	*
17	Blacksod Point	996·5	+10	WNW	3	bc	39	65	8	9	-	-	4-6	4-6	1500	1	3
18	Malin Head ...	991·2	+10	NW'N	3	c	40	95	7	8	-	-	9	9	2500	0	3
	Aldergrove ...	991·3	+20	W'N	2	cjp	34	95	8	9	7	-	4-6	9	1500	3	*
19	Birr Castle ...	996·7	+12	W'N	1	bc	33	95	8	5	-	-	2-3	2-3	2500	1	*
20	Valentia Obsy. ‡	1000·5	+12	N'E	1	c	35	95	8	6	-	-	7-8	7-8	1500	1	2
	Roches Point	998·0	+14	NW	3	c	38	85	8	8	-	-	7-8	7-8	1500	1	3

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 21st. (37)	Weather. 13h.—18h. 21st. (38)	Weather. 18h. 21st to 1h. 22nd (39)	Weather. 1h.—7h. 22nd (40)
1	London (Kew)	cbcy	$cbcz_o$	bcz_o	bcz_ox
	Croydon ...	$cbcz_obcz_o$	bcz_o	bzb	bx
	S. Farnborough	cbbc	bcyb	bx^o	bx
	Boscombe Down	cbc	bcb	bm_o	bm_obx
	Calshot (Sthmtn.)	cbc	bc	bcbx	bx
	Lympne ...	crssb	bbcb	bbx	bx
	Manston ...	cpscbc	bcb	b	bbx
2	Shoeburyness ...	$cbcz_o$	bcz_ob	bx	$bbcm_o$
	Felixstowe ...	cbz_obc	bcbbc	bcbx	$bbcxm_o$
	Gorleston ...	bccq	$coq\,pr_o$	cbc	bbcqx
	Mildenhall ...	bcbbc	bcc	c,b	bm_o
	Cranwell ...	bcm_oc	id_om_o	cbm_o	bm_ox
3	Birmingham ...	bc	bc	c	cb
	Upper Heyford	bcxqry	cbcq	bccq	bxm_o
4	Ross-on-Wye	bcc^o	cprsbc	cbb	bbc
5	Portland Bill ...	cc	cprc	bcbc	bcbc
	Plymouth ...	cpsphbc	bcb	bbccph	$bccpr_ox$
	The Lizard ...	prspr	cpr_o	prs_oc	cpr_oc
	Scilly (St. Mary's)	phrqc	p_ophrq	$bbcp_o$	cp_oq
	Guernsey ...	cbcpr	$bccp_o$	bcphrqr	cbcbc
6	Pembroke ...	cbcq	bcqcbc	bcq	co
7	Holyhead ...	c RSRS c	cb	bbc	
	Chester (Sealand)	orshrsh	oRshRsh	crspsss	cb
8	Manchester ...	rpr_o	$PRsr_o$	pr_ors	pss_o
10	Spurn Head ...	bc	cq	rrsbc	bcc
	Catterick ...	om_oc	$ccprs_o$	pr_os_obc	bcb
	Tynemouth ...	$omir_o$	oir_o	obc	bc
11	Inchkeith ...	csrs	oc	$cbcz_o$	z_obc
	Leuchars ...	cir_ors_o	c	bx	cbx
12	Renfrew (Abbotsl.)	$cprsrsis_o$	cbc	bcbx	bbcx
	Eskdalemuir ...	ccs_os_o	s_als_o	bz_ox	$bcps_o$
	Point of Ayre ...	or_o	o	obcc	cbc
13A	Tiree ...	phc	bc	bcph	bcph
13B	Stornoway ...	cphrps	cp_oh	ph_ops	bc
15	Dalwhinnie ...	ksoisoc	isc	*	bc
	Aberdeen ...	r_ossbc	cp_osh	cps_obc	b
	Wick ...	prs	prsqc	bc	psbc
16	Lerwick ...	cphrsq	cph-rs	cphrsbc	cphr
17	Blacksod Point	cpcq	Phq	PHqc	phq
18	Malin Head ...	cphrt	cpr_o	cps	cps
	Aldergrove ...	$cprsqpr_o$	cprsqprc	cpr_obx	cx
19	Birr Castle ...	bc	bc	bc	bcxois
20	Valentia Obsy. ‡	ir_ospr_oc	$pr_osqphrc$	~~bcq~~ phrqrc	bcphrc
	Roches Point	bcpoc	c	cbcw	bx

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.*

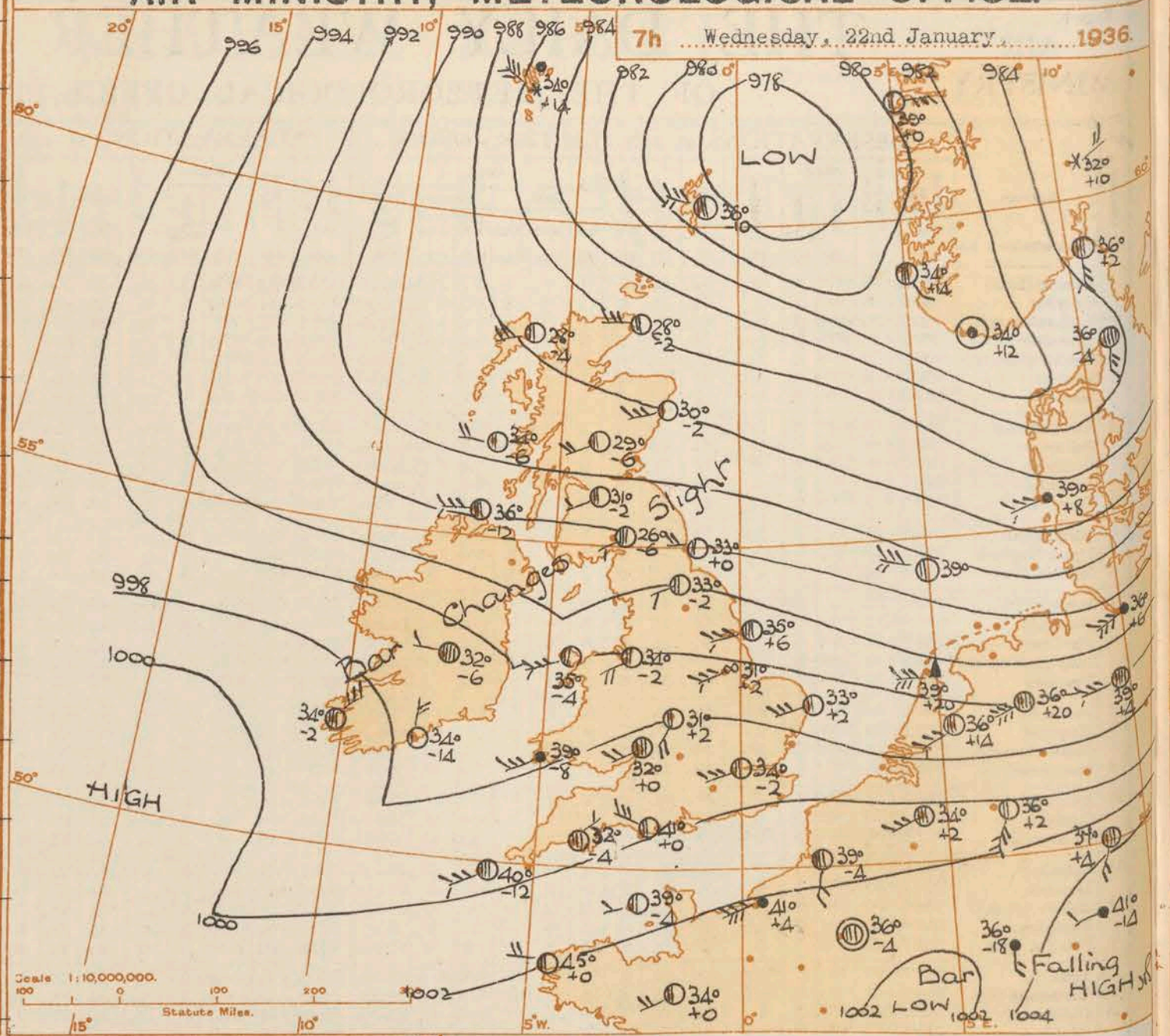
‡ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 21st January 1936

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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. 21st.
1	Tunbridge W.	bcbbc	bc	36	42	6	-	5·8
	Bournemouth	b	bbdb	36	45	2	0·3	6·4
	Ventnor ...	rb	brsb	38	45	7	Trace	7·1
	Southsea ...	b	b	39	45	2	-	6·7
	Bognor Regis	b	bbcb	37	44	7	-	6·4
	Littlehampton	bc	bc	39	45	7	-	6·2
	Worthing ...	b	b	38	45	7	-	6·2
	Brighton ...	cbb	b	39	43	6	-	6·1
	Eastbourne†	cb	b	35	44	12	-	5·7
	Hastings† ...	cbcb	b	35	44	9	-	5·7
	Folkestone ...	rscbc	b	35	43	11	Trace	4·6
	Dover... ...	cb	b	36	44	11	-	6·4
	Deal	rcb	b	37	42	8	-	4·7
	Ramsgate ...	cbc	bc	37	43	2	-	4·2
	Margate ...	cbc	bc	38	44	2	-	3·8
2	Southend ...	cbcb	b	38	42	5	-	3·6
	Maldon ...	cb	bbcc	35	42	2	-	4·6
	Clacton-on-Sea	cbc	bc	37	42	1	-	3·9
	Dovercourt ...	rbcc	bc	36	42	3	-	4·4
	Lowestoft ...	bcb	bbcc	35	41	Trace	-	2·8
	Skegness ...	bcabc	bc	34	40	Trace	-	1·4
	Mablethorpe	cm$_0$p	cm$_0$	35	39	Trace	Trace	0·0
	Cleethorpes ...	od	od$_0$	36	39	0·1	Trace	0·0
3	Leamington S.	bc	bc	33	42	-	-	2·2
4	Cheltenham†	co	ocbc	34	40	-	-	0·5
5	Bath	bbc	p$_0$bcb	35	44	1	Trace	6·8
	Weymouth ...	b	b	38	46	-	-	6·4
	Jersey ...	rcbc	bcpbc	41	46	8	Trace	4·5
	Torquay ...	cpbc	b	35	46	Trace	0·2	5·8
	Penzance ...	hbshb	bbcbc	36	47	1	Trace	5·1
	St. Ives ...	pr	c	37	45	4	Trace	4·8
	Bude	prhbc	prhbc	38	45	0·5	0·4	5·3
	Ilfracombe ...	pc	bcc	37	44	0·5	-	3·0
6	Aberystwyth	phc	c	36	42	1	-	0·0
7	Llandudno ...	cip$_0$c	cp$_0$	37	41	8	0·1	0·5
	Colwyn Bay...	cbchc	cchcc	35	41	17	1	0·0
	Rhyl	orhc	ciphr	35	41	16	3	0·1
8	Wallasey ...	or	sors	35	38	9	6	0·0
	Southport‖ ...	oco	orco	35	40	4	1	0·0
	Blackpool ...	c	cp	35	40	2	0·3	0·1
	Morecambe ...	rcc	c	35	39	1	-	0·0
9	Ilkley... ...	c	corso	32	38	5	0·3	0·2
	Harrogate ...	c	c	32	36	4	Trace	0·0
10	Berwick-on-T.	or$_0$r$_0$	r$_0$o	34	39	-	2	0·0
11	Dunbar ...	crr	c	34	39	0·3	1	0·0
12	Troon... ...	oco	cococ	27	40	8	-	0·0
	Douglas ...	coir	op$_0$hx	32	40	5	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.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 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. on 22nd January, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Wind southwest, moderate; cloud increasing; rather cold, frost inland at night.
5 S.W. England 6 South Wales ...	Wind southwest to west, moderate; rain at first today, fair later; frost inland tonight, milder tomorrow.
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.	Wind west to northwest, moderate, becoming light tomorrow; bright intervals; occasional showers of rain, hail or sleet, with snow locally today, fair tomorrow; cold, sharp frost inland at night.
13 A. W. Scotld. B.N.W.Scotland.	Wind west to northwest, fresh; bright intervals; showers of hail, sleet or snow; cold, sharp frost inland at night.
14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	
17 N. W. Ireland 18 N. E. Ireland	As 7 - 13A.
19 S. E. Ireland 20 S. W. Ireland	Wind west to northwest, light; fair; rather cold today, sharp frost inland tonight, milder tomorrow.

GENERAL INFERENCE.

A depression centred between the Shetlands and the Norwegian coast is filling up and moving northeast, while a trough of low pressure extending southwest from the Irish Sea is moving slowly eastwards. Pressure is falling to the west and North of the British Isles. There will be bright intervals and showers in most districts and it will be cold. Conditions will become more cloudy and slowly milder in the South.

FURTHER OUTLOOK.

Becoming milder in the South and perhaps later in the North also.

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

Wednesday, 22nd January, 1936
No. 27089.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	998·3	+14	WSW	4	b	36	85	8	–	–	–	0	0	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	999·8	+12	WSW	3	b	33	85	8	–	–	–	0	0	–
	Manston ...	142	998·5	+20	WSW	4	b	35	75	8	–	–	–	0	0	–
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	994·6	+28	W'S	4	b	37	87	6	–	–	–	0	0	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	999·6	+6	WNW	4	bc	42	85	8	4	–	–	4·6	4·6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1000·7	+2	W'N	6	c	41	75	8	8	–	–	7·8	7·8	2500
	Scilly (St. Mary's)	163	1001·3	+2	WNW	8	bc	41	85	8	2	–	–	2·3	2·3	2500
	Guernsey ..	175	1001·6	+2	WSW	2	c/r	38	95	8	5	–	–	7·8	7·8	2500
6	Pembroke ...	142	998·1	+6	NW	3	bcq	40	65	7	5	6	–	2·3	4·6	4000
7	Holyhead ...	26	995·8	+12	W'N	5	b	39	75	8	–	–	–	0	0	–
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	992·3	+16	W'N	5	bc	36	95	7	–	2	–	0	2·3	–
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	990·9	+24	W	3	bc	34	75	7	5	–	–	2·3	2–3	1500
11	Inchkeith ...	190	990·8	+14	SW	3	bcz₀	33	85	6	5	–	–	2·3	2·3	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	994·0	+18	NW'W	5	c	38	85	8	9	–	–	7·8	7·8	2500
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	989·0	+2	WSW	2	bc/ps	31	95	8	8	7	–	2·3	4·6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	986·2	+8	W	3	bc	30	86	8	8	4	–	2·3	4·6	1500
16	Lerwick ...	156	979·8	–8	WNW	5	bc	34	95	8	8	–	–	4·6	4·6	800
17	Blacksod Point	18	996·4	–6	W	3	bc	37	85	8	9	–	–	4·6	4·6	1500
18	Malin Head ...	52	993·4	+4	WNW	3	pS	35	95	5	9	–	–	9+	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	999·3	–6	SSE	2	bc/pr	36	95	8	9	–	–	4·6	4·6	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	999·2	+4	SW	2	bcz₀	31	95	6	5	–	–	1	2·3	2500	4	*
	Croydon ...	998·9	+2	WSW	3	bc	34	85	7	0	3	–	0	Tr	–	1	*
	S. Farnborough	999·7	+2	W'S	2	bc	30	95	8	–	3	–	0	Tr	–	4	*
	Boscombe Down	1000·1	+4	SW'W	1	b	31	95	7	–	–	–	0	0	–	1	*
	Calshot (Sthmtn.)	999·9	–2	SSW	2	b	32	95	8	5	–	–	1	1	4000	1	§1
	Lympne ...	1000·8	+4	WSW	2	bc	29	95	8	5	–	1	2·3	2·3	4000	5	§2
	Manston ...	999·6	+6	WSW	3	bc	32	85	8	–	3	1	–	4·6	–	1	*
2	Shoeburyness ...	999·6	+2	W'S	2	bc	34	95	6	5	–	–	4·6	4·6	4000	1	*
	Felixstowe ...	998·6	+10	SW'S	2	bcz₀	33	85	6	5	4	1	4·6	4·6	1500	1	1
	Gorleston ...	997·4	+2	WSW	3	bc	33	85	7	–	2	–	0	2·3	–	1	3
	Mildenhall ...	997·7	+2	W'S	2	bcz₀	33	85	6	–	7	–	0	1	–	4	*
	Cranwell ...	996·7	+2	SW'W	4	b z₀	31	95	6	5	–	–	1	1	2500	4	*
3	Birmingham ...	998·2	+2	SW	2	bc	31	85	7	–	–	4	–	2·3	–	1	*
	Upper Heyford	999·1	+4	SW	3	z₀	29	95	6	5	4	1	1	2·3	2500	1	*
4	Ross-on-Wye	998·6	0	SW	2	c	32	85	7	–	1	6	–	9	–	1	*
5	Portland Bill ...	999·6	0	WNW	3	bc	41	85	8	5	–	–	4·6	4·6	2500	1	3
	Plymouth ...	1000·1	–4	NE	1	c	32	95	8	5	–	2	4·6	7·8	2500	1	2
	The Lizard ...	1000·2	–2	WSW	4	c	42	75	8	8	2	–	7·8	9	2500	1	3
	Scilly (St. Mary's)	999·7	–12	SW'W	4	c/p	40	85	8	9	–	–	9+	9+	2500	1	2
	Guernsey ..	1001·1	–4	WSW	1	bc	39	85	7	5	1	–	2·3	4·6	2500	1	2
6	Pembroke ...	996·9	–8	SW'W	3	ir	37	95	7	5	–	–	10	10	1500	1	2
7	Holyhead ...	995·6	–4	W'S	3	bc	35	75	8	8	–	–	4·6	4·6	2500	1	3
	Chester (Sealand)	996·3	–2	WSW	2	bc	34	75	7	5	–	–	Tr	Tr	2500	8	*
8	Manchester ...	996·6	+2	WSW	3	bz₀	32	95	6	5	–	–	1	1	2500	6	*
10	Spurn Head ...	994·6	+6	WSW	4	c	35	95	7	5	7	–	4·6	9+	1500	1	3
	Catterick ...	993·7	+2	SW'W	1	bc	33	85	8	4	3	–	1	2·3	4000	8	*
	Tynemouth ...	991·8	0	W	2	bc	33	85	6	5	–	–	4·6	4·6	1500	4	2
11	Inchkeith ...	990·2	–2	SSW	4	bc	31	95	7	5	–	–	2·3	2·3	1500	4	3
	Leuchars ...	990·0	–4	SW	2	bc	29	85	7	4	–	–	2·3	2·3	4000	6	*
12	Renfrew (Abbots I.)	991·4	–2	WSW	1	bc	31	95	7	8	–	5	2·3	2·3	2500	5	*
	Eskdalemuir ...	992·5	–6	SW	1	c	26	95	5	5	–	–	10	10	1500	8	*
	Point of Ayre ...	993·8	–2	WNW	5	bc	37	85	8	4	–	–	2·3	2·3	2500	1	3
13A	Tiree ...	988·6	–6	W	2	bq/phr	34	95	8	8	–	–	4·6	4·6	1500	6	–
13B	Stornoway ...	987·8	–4	WSW	2	bc	28	95	8	8	–	–	2·3	2·3	1500	8	1
15	Dalwhinnie ...	980·0	–6	SW	2	bc	29	85	7	4	6	–	2·3	4·6	2500	8	*
	Aberdeen ...	987·8	–2	WSW	3	b	30	75	8	–	4	–	0	Tr	–	6	1
	Wick ...	985·5	–4	W	3	bc	28	95	8	8	–	–	2·3	2·3	1500	6	3
16	Lerwick ...	978·8	–10	WNW	5	c/phr	36	95	7	9	–	–	7·8	7·8	800	6	*
17	Blacksod Point	996·2	–10	WNW	3	bc	38	85	8	9	–	–	4·6	4·6	1500	4	3
18	Malin Head ...	991·3	–12	W	3	c/ps	36	95	6	6	–	–	9+	9+	1500	6	2
	Aldergrove ...	993·6	–4	SW	3	c	30	95	7	8	–	–	9	9	1500	8	*
19	Birr Castle ...	997·0	–6	W'N	1	o/s	32	95	7	5	–	–	10	10	2500	8	*
20	Valentia Obsy. †	998·6	–2	NE	3	c	34	95	8	5	–	–	7·8	7·8	1500	5	3
	Roches Point	997·9	–14	N	2	b	34	95	8	5	–	–	Tr	Tr	2500	1	3

PAST 24 HOURS.

District	Stations	Temperature Max. Day 7h–18h °F. (31)	Temperature Min. Night 18h–7h °F (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 21st Hrs. (36)
1	London (Kew)	43	30	21	–	–	6·1
	Croydon ...	43	33	29	–	–	6·2
	S. Farnborough	45	29	22	–	Tr	6·6
	Boscombe Down	41	31	27	–	–	7·0
	Calshot (Sthmtn.)	44	30	23	–	–	7·1
	Lympne ...	42	29	19	3	–	5·3
	Manston ...	43	30	20	1	–	4·2
2	Shoeburyness ...	42	32	26	–	–	3·9
	Felixstowe ...	42	32	29	–	–	4·1
	Gorleston ...	41	33	29	Tr	Tr	2·9
	Mildenhall ...	42	32	29	–	–	4·1
	Cranwell ...	39	31	29	–	–	1·3
3	Birmingham ...	39	30	27	–	–	2·5
	Upper Heyford	41	28	22	Tr	–	*
4	Ross-on-Wye	42	31	20	0·4	–	1·1
5	Portland Bill ...	46	38	*	Tr	–	*
	Plymouth ...	45	32	28	0·5	0·1	6·9
	The Lizard ...	47	35	*	0·6	1	*
	Scilly (St. Mary's)	45	38	*	2	1	5·3
	Guernsey ..	46	37	30	0·6	2	4·9
6	Pembroke ...	43	36	*	–	0·6	5·6
7	Holyhead ...	42	38	35	–	–	1·2
	Chester (Sealand)	37	33	29	29	15	0·0
8	Manchester ...	39	32	28	2	3	0·0
10	Spurn Head ...	40	34	*	–	4	0·0
	Catterick ...	37	32	24	Tr	Tr	0·0
	Tynemouth ...	38	33	29	1	–	0·0
11	Inchkeith ...	38	30	28	1	–	0·0
	Leuchars ...	38	28	27	0·2	–	0·0
12	Renfrew (Abbots I.)	38	28	22	0·2	–	0·0
	Eskdalemuir ...	35	23	16	0·3	0·1	0·0
	Point of Ayre ...	41	35	*	0·1	–	0·0
13A	Tiree ...	41	33	31	2	1	0·7
13B	Stornoway ...	37	27	*	1	0·6	3·1
15	Dalwhinnie ...	32	27	22	0·5	–	0·0
	Aberdeen ...	37	30	25	6	0·1	0·2
	Wick ...	40	26	*	2	Tr	*
16	Lerwick ...	40	33	*	2	4	0·0
17	Blacksod Point	41	37	*	1	Tr	*
18	Malin Head ...	41	31	*	0·3	5	0·0
	Aldergrove ...	36	28	22	1	Tr	0·0
19	Birr Castle ...	38	29	21	–	1	3·7
20	Valentia Obsy. †	42	32	28	2	3	0·3
	Roches Point	40	34	*	Tr	Tr	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon (24 hrs. ended 9h.)	Weather Night (24 hrs. ended 9h.)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T % (Yesterday)	Humidity 9h. G.M.T % (To-day)	Visibility 9h.
Kew ...	18	cbcy	cbcz₀	bcz₀x	43	30	21	–	–	6·1	•	•	5
Croydon ...	217	cbcm	bcz	bcz₀	43	33	29	–	–	6·2	•	•	6
Greenwich (Royal Observatory) ...	149	bc	cyb	bxf	43	30	26	–	Tr	4·7	56	91	3
City (Bunhill Row) ...	—	•	•	•	•	•	•	•	•	4·3	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	44	30	21	–	–	5·3	60	92	•
Regents Pk. (Botanic Gardens)‡ ...	168	•	•	•	43	31	27	–	–	4·3	66	93	•
Camden Square ...	110	bc	cbcb	•	43	32	22	–	–	•	•	93	•
Kensington ...	80	bcz	bbczx	•	44	32	21	–	–	5·4	At 18h. 59	90	•
Hampstead Observatory ...	450	bc	bc	bcxm	41	34	23	–	Tr	5·2	•	96	•

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

South Kensington Max.	Time.	Min.	Time.	Kew Observatory Max.	Time.	Min.	Time.
1·0	19–20h 21st	<0·3	1–3 hrs 22nd	0·2	8 hrs 21st	<0·1	23h 21st – 6h 22nd

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 21st January Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 22nd January Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris ...	1000·4	W	4	bc/pr	43	1003·0	–	0	c	36	46	34	0·5	–
Brussels ...	998·2	WNW	5	bc	37	1000·7	SW	3	c	34	41	32	9	Tr
Berlin ...	997·3	S	5	o	41	999·4	SW'S	5	bc	37	48	36	–	0·1
Zurich ...	1007·1	WNW	?	bc	41	1008·0	SSE	2	c	37	52	36	–	2
Rome ...	1014·1	S	4	c	?	1013·7	SE	8	bc	55	•	•	–	–

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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, 23rd January, 1936.
No. 27090.

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

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)	999·7	-8	SW	2	z_o	39	75	5	-	1	-	0	10	-
	Croydon ...	999·8	-4	SW/S	3	z_o	41	75	6	5	7	2	2-3	9+	5700
	S. Farnborough	999·6	-6	SSW	3	c	40	85	7	5	7	-	2-3	9+	2500
	Boscombe Down	999·3	-10	S	3	z_o	36	95	6	8	2	-	Tr	10	4000
	Calshot (Sthmtn.)	1000·3	-6	S'W	3	c/pr	43	85	8	8	8	-	4-6	9+	1500
	Lympne ...	1001·4	0	SW	2	c	40	75	7	2	3	6	Tr	9+	4000
	Manston ...	1001·1	+2	SW	4	bc	41	55	8	2	2	6	1	4-6	2500
2	Shoeburyness ...	1000·5	+6	S'W	2	c	41	75	6	8	7	-	2-3	9+	4000
	Felixstowe ...	1000·0	0	SW'W	2	z_o	40	65	5	5	-	-	7-8	7-8	4000
	Gorleston ...	999·4	+6	WSW	2	c	37	85	7	5	-	-	9	9	2500
	Mildenhall ...	999·2	+2	SW'W	3	z_o	38	75	6	-	2	-	0	9+	-
	Cranwell ...	998·0	-2	SW	3	z_o	37	75	6	-	7	-	0	4-6	-
3	Birmingham ...	998·4	-2	SSW	3	m	34	85	4	4	1	-	4-6	7-8	2500
	Upper Heyford	999·6	-2	SW	2	$s_o s_o$	33	95	5	-	2	-	10	10	2500
4	Ross-on-Wye	998·2	-4	SW	2	s_o/rs	35	95	6	6	-	-	10	10	1500
5	Portland Bill ...	998·7	-8	NW	3	pr_o	41	95	7	4	-	-	9	9	2500
	Plymouth ...	999·6	-6	WNW	2	c/r	39	95	7	6	-	·	9+	9+	800
	The Lizard ...	1000·4	+6	NW'W	4	bc	39	95	8	8	4	-	4-6	4-6	2500
	Scilly (St. Mary's)	1000·9	+14	NW'N	5	bcjp	44	75	8	8	-	-	4-6	4-6	1500
	Guernsey ...	1001·0	-6	SW	4	c	44	75	8	5	2	-	4-6	9	2500
6	Pembroke ...	997·8	+2	WNW	2	c/phr	40	75	7	8	6	-	4-6	7-8	2500
7	Holyhead ...	996·1	+2	WSW	3	c	39	75	8	8	-	-	7-8	7-8	2500
	Chester (Sealand)	995·9	-2	SSW	2	c/pr	38	75	6	8	4	-	7-8	7-8	4000
8	Manchester ...	995·6	+2	SW'W	3	z_o	37	75	6	8	3	3	4-6	7-8	2500
10	Spurn Head ...	993·4	0	WSW	4	c	37	85	6	5	7	-	4-6	7-8	1500
	Catterick ...	994·5	+2	SW	2	bc	38	75	8	8	3	-	4-6	4-6	4000
	Tynemouth ...	992·7	+4	W	2	bc	37	75	6	8	6	-	4-6	7-8	1500
11	Inchkeith ...	991·1	+4	SW	4	c	36	85	7	8	-	-	9+	9+	2500
12	Leuchars ...	989·9	-6	SW	2	c	36	85	6	5	-	-	9+	9+	1500
	Renfrew (Abbotsl.)	991·0	-4	WSW	2	$r_o s_o$	35	95	5	8	-	-	9	9	1500
	Eskdalemuir ...	992·5	0	SW	5	c	32	95	6	5	-	-	9	9	1500
	Point of Ayre ...	994·2	+2	W'S	4	bc	42	75	8	2	-	-	4-6	4-6	1500
13A	Tiree ...	988·7	+2	SW	2	cjp	36	95	8	3	6	-	9	9+	1500
13B	Stornoway ...	988·1	0	WSW	2	bc	31	85	9	5	-	-	2-3	2-3	1500
15	Dalwhinnie ...	988·8	-8	S	1	bc	33	95	7	4	6	-	2-3	4-6	2500
	Aberdeen ...	988·6	-2	SW'W	3	z_o	37	65	6	5	-	1	Tr	1	4000
	Wick ...	988·5	0	WSW	4	bc	33	85	8	7	4	-	2-3	2-3	1500
16	Lerwick ...	977·7	0	W'S	5	ph	38	85	8	7	8	-	4-6	7-8	1500
17	Blacksod Point	996·4	+4	WNW	4	c	37	95	8	9	-	-	9	9	800
18	Malin Head ...	990·5	-8	WSW	3	cjp	37	95	6	9	9	-	4-6	7-8	5700
	Aldergrove ...	993·3	-6	SW'S	5	c	30	95	7	5	-	3	7-8	9	450
19	Birr Castle ...	997·9	+4	SW	1	bc	36	85	8	5	-	-	4-6	4-6	2500
20	Valentia Obsy. †	1001·6	+10	NW	5	PH	41	75	8	9	-	-	9+	9+	1500
	Roches Point	1000·4	+10	NW	3	bc	40	75	9	3	4	-	2-3	2-3	1500

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

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)	999·8	+4	SW	1	$r_o s_o$	35	95	5	6	2	-	7-8	10	800	3	*
	Croydon ...	998·4	-6	SSW	2	$s_o s_o$	33	95	5	6	-	-	10	10	1500	1	*
	S. Farnborough	999·1	+2	SW	2	o/s	34	95	6	5	-	-	10	10	450	6	*
	Boscombe Down	999·4	+6	W	3	bc	33	95	7	5	-	-	4-6	4-6	800	5	*
	Calshot (Sthmtn.)	999·6	+6	W	3	c/d	35	95	8	5	7	-	4-6	7-8	1500	1	2
	Lympne ...	999·5	+14	SSW	3	$r_o s_o$	37	85	7	8	2	-	7-8	10	1500	1	§2
	Manston ...	999·0	-10	S	3	c	36	95	8	5	7	-	4-6	10	2500	1	*
2	Shoeburyness ...	998·9	-14	SSW	3	ir	38	95	7	6	2	-	7-8	10	1500	1	*
	Felixstowe ...	998·6	-14	S	3	z_o	38	85	6	5	-	-	9+	9+	2500	1	1
	Gorleston ...	998·9	-6	W'S	1	o	36	85	6	6	-	-	10	10	2500	1	2
	Mildenhall ...	998·2	-6	S'W	2	$r_o r_o$	33	95	5	6	2	-	4-6	10	2500	1	*
	Cranwell ...	997·8	-2	SSW	3	z_o	33	85	6	5	7	-	1	2-3	2500	4	*
3	Birmingham ...	998·6	0	WSW	3	bc	32	95	6	5	-	-	2-3	2-3	2500	1	*
	Upper Heyford	998·9	0	SSW	3	z_o	33	95	5	3	-	-	9+	9+	800	3	*
4	Ross-on-Wye	998·9	+4	SW	2	b	34	85	8	8	-	-	Tr	Tr	2500	1	*
5	Portland Bill ...	1000·4	+20	NW	4	bc	40	85	8	4	-	-	2-3	2-3	2500	2	3
	Plymouth ...	1001·9	+14	NW'W	2	z_o	38	95	6	8	-	-	2-3	2-3	1500	1	2
	The Lizard ...	1002·4	+20	WNW	5	bco	42	65	8	8	-	-	4-6	4-6	2500	1	3
	Scilly (St. Mary's)	1003·3	+14	NW'N	6	bc	43	75	8	8	-	-	4-6	4-6	2500	1	3
	Guernsey ...	1002·2	+20	W'N	5	c	41	75	8	8	-	-	7-8	7-8	2500	1	3
6	Pembroke ...	999·1	+10	W	4	pn	40	85	7	8	6	-	4-6	7-8	1500	6	3
7	Holyhead ...	995·9	-2	WSW	4	bc	40	75	8	8	-	-	4-6	4-6	2500	1	2
	Chester (Sealand)	997·3	+8	WSW	2	z_o	33	75	8	8	-	-	1	1	2500	8	*
8	Manchester ...	996·5	+2	SW'W	2	z_o	35	95	5	5	-	-	1	1	2500	6	*
10	Spurn Head ...	996·0	0	SW	4	bc	34	95	6	5	2	-	2-3	4-6	1500	0	3
	Catterick ...	994·4	-2	SSW	2	c	32	85	7	8	3	-	4-6	7-8	4000	8	*
	Tynemouth ...	992·6	0	W	2	c	35	75	6	4	-	-	7-8	7-8	4000	4	2
11	Inchkeith ...	990·0	-2	SW	4	c	36	95	7	5	5	-	4-6	7-8	1500	4	3
12	Leuchars ...	989·3	0	SW	3	[illegible]	34	95	5	5	-	-	9+	9+	1500	6	*
	Renfrew (Abbotsl.)	990·6	+2	W	4	$r_o s_o$	34	95	6	8	-	-	9	9	800	6	*
	Eskdalemuir ...	991·6	-4	SW'S	5	$s_o s_o$	32	95	6	5	-	-	10	10	1500	8	*
	Point of Ayre ...	993·2	-4	W'N	6	pr_o	39	75	8	9	-	-	9	9	1500	1	4
13A	Tiree ...	990·8	+18	NW'W	4	bcjp	39	75	8	3	-	-	4-6	4-6	1500	6	3
13B	Stornoway ...	987·1	0	W	3	c/pr	35	95	8	8	7	-	4-6	7-8	1500	8	1
15	Dalwhinnie ...	989·9	+6	SW	1	c	30	95	7	4	6	-	4-6	9	2500	8	*
	Aberdeen ...	988·3	+2	SW	2	z_o	30	95	6	5	-	-	1	1	4000	6	1
	Wick ...	984·1	-12	WSW	4	c	32	95	8	5	6	-	4-6	7-8	1500	4	2
16	Lerwick ...	978·8	+6	W'S	5	c/rs	37	95	7	9	2	-	4-6	9	800	6	*
17	Blacksod Point	997·4	+22	WNW	4	c	40	85	8	9	-	-	7-8	7-8	800	1	3
18	Malin Head ...	992·3	+24	NW	4	ph	41	85	7	8	-	-	7-8	7-8	2500	1	3
	Aldergrove ...	993·2	+4	SW	4	c	33	95	8	5	-	-	9+	9+	450	8	*
19	Birr Castle ...	999·0	+4	SW	1	is	34	95	7	5	-	-	10	10	2500	6	*
20	Valentia Obsy. †	1003·1	+12	N'W	3	bc	40	85	8	8	-	-	4-6	4-6	1500	1	3
	Roches Point	1001·7	+14	NW	3	bc	38	85	8	3	-	-	2-3	2-3	1500	1	3

PAST 24 HOURS.

District	Stations	Weather. 7h.—13h. 22nd (37)	Weather. 13h.—18h. 22nd (38)	Weather. 18h. 22nd to 1h. 23rd (39)	Weather. 1h.—7h. 23rd (40)
1	London (Kew)	bcxc	crrs	crsbc	bm$_o$x
	Croydon ...	bxcmz_o	$s_o r_o$sr	os$_o$cbx	bcbx
	S. Farnborough	bcifc	rqssm$_o$	ombx	bx
	Boscombe Down	pxcm$_o$	r$\bar{s}$rsbc	bcps	bbc
	Calshot (Sthmtn.)	bccpr$_o$c	cr$_o$s$_o$m$_o$	cbccr$_o$c	bbxb
	Lympne ...	bc	crrs	r$_o$r$_o$bx	bx
	Manston ...	bbcy	bcyc	rr$_o$cbm$_o$	bm$_o$bx
2	Shoeburyness ...	b/cz$_o$	cz$_o$ir	rr$_o$m,b	bx
	Felixstowe ...	bcb-cz$_o$	cz$_o$	crsrsbc	bbcz$_o$x
	Gorleston ...	bcc	cor$_o$	oir$_o$bc	bbcx
	Mildenhall ...	bbccm$_o$	cos$_o$rm$_o$	cr$_o$,bm$_o$	bbcx
	Cranwell ...	b-cbcz$_o$	bcm$_o$	b$\cancel{o}$bm$_o$x	bm$_o$x
3	Birmingham ...	bcc	cbc	bc	bcbx
	Upper Heyford	b-cos$_o$s$_o$	o$\bar{S}$$\bar{S}$mfc	cbcbx	bxm$_o$b
4	Ross-on-Wye	cors	cbbccb	bbcb	bb
5	Portland Bill ...	cpr	rrc	cprbc	bbc
	Plymouth ...	bcphprs$_o$	cprsbcb	pm$_o$c	cpr$_o$b
	The Lizard ...	errbc	bcprh	bcpry	bcpry
	Scilly (St. Mary's)	phrqrs	p$_o$qbc	p$_o$qbcp	p$_o$bc
	Guernsey ...	bccc	cprbc	bccpr$_o$	bc
6	Pembroke ...	oirphrc	cqphrc	bcq	bcq
7	Holyhead ...	p$_o$hph	cbc	bcjp	bc
	Chester (Sealand)	bccpr$_o$	hcz$_o$	bz.	bz.
8	Manchester ...	bcm$_o$	p$_o$rsps	bw$_o$cbs	prs$_o$b
10	Spurn Head ...	nc	cbc	bcssc	cbc
	Catterick ...	cps$_o$bc	cp$_o$bc	bcs.	bc
	Tynemouth ...	bcp$_o$sc	c	cbc	bc
11	Inchkeith ...	bcc	c	cbc	bcb
12	Leuchars ...	pxcm$_o$	cm$_o$ir$_o$	cir$_o$mb	bx
	Renfrew (Abbotsl.)	bexisif	cm$_o$r$_o$s$_o$r$_o$s$_o$	cr$_o$s$_o$bxg	b
	Eskdalemuir ...	cm$_o$	ccs$_o$	cis$_o$bc	bcb
	Point of Ayre ...	bc	bcc	cphbc	bc
13A	Tiree ...	bcpsh	p$_o$hbc	bcpsh	bc
13B	Stornoway ...	bc	cpr$_o$	ph$_o$rr	crr
15	Dalwhinnie ...	bc	bcc	•	bcisc
	Aberdeen ...	bbz$_o$	bz$_o$	bz$_o$ps$_o$	bcb
	Wick ...	bc	bcc	cprs	cpr
16	Lerwick ...	cphr	cihrs	[illegible]bc	cpr
17	Blacksod Point	PHq	PHq	PHq	bc
18	Malin Head ...	cjp	c	cbc	bc
	Aldergrove ...	cxffc	cbccqsc	cbc	bcb
19	Birr Castle ...	obc	bcois	bis bc	bcbx
20	Valentia Obsy. †	PHRq	PHRqphrbc	pr$_o$bc	cbcwc
	Roches Point	bxbcv	cprbc	bcbx	bcx

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog ,, less than 220 yds.
fs, 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. "0" 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.*

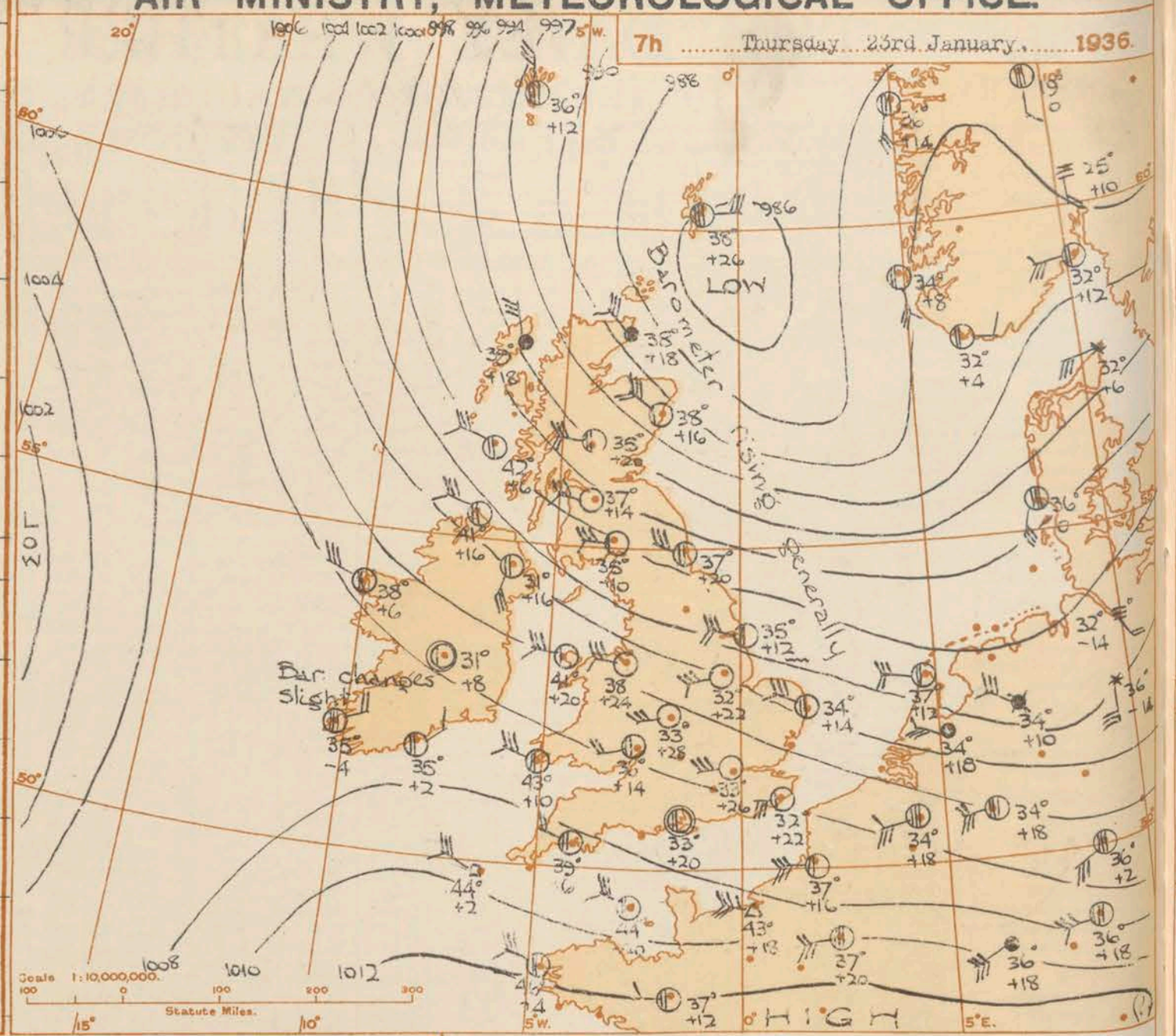
§ Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 22nd JANUARY 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.	bbcc	ohors	25	40	–	1	2·9
	Bournemouth	[illegible]	[illegible]	[illegible]	[illegible]	–	4	0·9
	Ventnor ...	xbc	cor	36	45	–	3	2·9
	Southsea ...	bbcc	corr	31	43	–	2	2·2
	Bognor Regis	bbc	borr	32	43	–	3	2·5
	Littlehampton	bbcc	corsr	30	43	–	3	3·0
	Worthing ...	bbcc	chrr	31	45	–	2	3·1
	Brighton ...	cbc	cbhcr	31	44	–	3	3·1
	Eastbourne†	bbcc	coir$_o$	33	45	–	0·2	3·2
	Hastings† ...	bbc	copco	32	45	–	Trace	3·4
	Folkestone ...	xbbc	crhro	31	43	–	1	2·9
	Dover	bbc	cphr	33	43	–	1	3·5
	Deal	ob	ciro	32	42	–	Trace	3·7
	Ramsgate ...	bc	bcc	32	43	Trace	–	3·8
	Margate ...	bc	bcc	32	43	–	–	3·6
2	Southend ...	bbcc	co	31	43	Trace	–	3·3
	Maldon ...	xmbc	co	29	38	–	–	1·3
	Clacton-on-Sea	bcxc	co	31	39	–	–	3·1
	Dovercourt ...	xb	oc	30	41	–	–	3·7
	Lowestoft ...	b	bbcc	32	40	–	–	3·2
	Skegness ...	bcobc	bc	31	36	0·3	–	2·0
	Mablethorpe	bcbbc$_g$	bccm$_o$	32	39	1	–	3·3
	Cleethorpes ...	bc	bc	31	38	1	–	3·3
3	Leamington S.	c	cps	28	36	–	Trace	0·0
4	Cheltenham†	xcos$_o$	oisoc	28	36	–	1	0·0
5	Bath	mcrs	rscbc	27	37	–	2	0·1
	Weymouth ...	fcc	rc	30	44	–	3	0·3
	Jersey ...	rcbc	bcpc	37	46	5	1	3·3
	Torquay ...	crirs	op$_o$bc	30	39	–	5	2·1
	Penzance ...	rirsb	bbc	36	44	8	4	3·9
	St. Ives ...	pr	pr	35	44	9	4	3·2
	Bude	bcrps	rphbc	34	44	5	3	1·4
	Ilfracombe ...	rso	cpo	33	43	1	5	1·9
6	Aberystwyth	cbc	bcc	36	42	–	–	2·5
7	Llandudno ...	r$_o$cbc	chbcb	36	41	Trace	1	2·4
	Colwyn Bay...	bcbcb	bcbcb	33	42	–	–	2·8
	Rhyl	cbcc	cr$_o$bc	32	40	3	Trace	2·3
8	Wallasey ...	cbcsc	bcrsb	33	40	6	0·5	2·6
	Southport‖ ...	cohs	shbco	35	39	1	3	1·6
	Blackpool ...	cp$_o$hr	bcc	36	39	0·4	0·3	2·2
	Morecambe ...	srbcb	bbcbc	34	40	Trace	–	5·7
9	Ilkley... ...	cpsc	copso	32	35	0·5	1	1·5
	Harrogate ...	bbc	cbps	32	35	Trace	0·2	1·2
10	Berwick-on-T.	bbc	bc	29	36	–	–	3·6
11	Dunbar .	bc	bc	31	38	–	–	4·3
12	Troon... ...	chcoc	corso	35	40	1	1	0·0
	Douglas ...	bcxbc	bcqx	34	40	3	–	5·8

† 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. 23rd January, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Wind westerly, moderate, decreasing; mainly fine; rather cold during the day, severe frost inland at night.
4 W. Midlands ... 5 S.W. England 6 South Wales ...	Wind light variable, becoming southerly; fair today, more cloud tomorrow with probably rain or sleet; rather cold during the day, frost inland at night.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	Wind westerly, fresh, becoming light variable; local snow or sleet showers today, fair tomorrow; rather cold, severe frost inland at night.
10 N.E. England 11 S.E. Scotland	Wind west to northwest fresh, decreasing; mainly fine; rather cold during the day; severe frost inland tonight.
12 S.W. Scotland & Isle of Man	As 7 - 9.
13 A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland 15 N. E. Scotland	Wind northwest to north fresh, decreasing; bright intervals; occasional rain, hail or sleet showers, with snow on the hills; rather cold.
16 Orkneys and Shetlands	Wind variable or northerly moderate; bright intervals; showers of rain, hail or sleet; rather cold.
17 N. W. Ireland 18 N. E. Ireland	As 7 - 9.
19 S. E. Ireland 20 S. W. Ireland	As 4 - 6.

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

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◎ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ○ Clear sky. ◐ Sky less than $\frac{1}{10}$ clouded. ◐ Sky $\frac{1}{10}$ to $\frac{5}{10}$ clouded. ◐ Sky $\frac{5}{10}$ to $\frac{9}{10}$ 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 lying between Northeast Scotland and Norway is filling up. A ridge of high pressure extending from Western Iceland across Western Ireland to the Bay of Biscay and a trough of low pressure west of it are moving slowly eastwards. Showers will be mainly confined to Northern districts and it will be fine or fair elsewhere. It will continue rather cold.

FURTHER OUTLOOK.

Rain or sleet extending slowly eastwards over Southern districts; continuing cold.

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.

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, 23rd January, 1936.
No. 27090.

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

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	1001·9	+14	SW'S	4	b	34	85	7	-	4	-	0	Tr	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1003·1	+24	WSW	2	b	31	95	7	1	0	-	Tr	Tr	2500
	Manston ...	142	1001·5	+12	W	3	b z₀	32	85	6	-	-	-	0	0	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	999·0	+6	WNW	3	b	34	95	6	-	-	-	0	0	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1003·8	+14	WNW	4	b	42	85	8	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1007·2	+14	W'N	6	bcq	43	85	8	8	-	-	4·6	4·6	2500
	Scilly (St. Mary's)	163	1007·6	+12	NW'W	6	bc/pr	43	85	8	8	-	-	2·3	2·3	2500
	Guernsey ..	175	1006·5	+10	WNW	5	bc/pr	43	75	8	2	-	-	2·3	2·3	2500
6	Pembroke ...	142	1003·2	+16	NW	3	bcq	42	75	7	8	-	-	4·6	4·6	2500
7	Holyhead ...	26	999·7	+20	W'N	6	bc	40	85	8	8	-	-	4·6	4·6	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	996·0	0	W'S	5	bc	33	95	7	3	2	-	4·6	4·6	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	993·0	+8	WSW	2	bc	34	85	6	5	-	-	2·3	2·3	1500
11	Inchkeith ...	190	991·4	+4	SSW	4	bc	35	85	7	5	-	-	2·3	2·3	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	997·1	+18	NW	6	bc	39	95	8	9	-	-	2·3	2·3	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	989·3	+10	NW	5	rr	38	95	7	5	2	-	4·6	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	983·7	+8	WSW	4	c	37	95	8	8	7	-	4·6	7–8	1500
16	Lerwick ...	156	981·5	+12	SW	4	bc	36	95	8	8	-	-	4·6	4·6	1500
17	Blacksod Point	18	1002·0	+24	WNW	4	bc	40	85	8	9	-	-	4·6	4·6	1500
18	Malin Head ...	52	997·5	+20	WNW	4	bc	41	95	7	8	-	-	2·3	2·3	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1006·4	+10	WNW	2	b	42	75	8	-	-		0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1006·0	-24	WSW	3	b z₀	33	85	6	-	-	-	0	0	-	4	*
	Croydon ...	1005·8	+26	WSW	3	b	33	85	7	-	-	-	0	0	-	5	*
	S. Farnborough	1006·9	+22	W'S	3	bc	33	95	8	-	3	1	0	2·3	-	5	*
	Boscombe Down	1007·2	+20	WNW	3	bc	35	95	7	-	1	-	0	2·3	-	5	*
	Calshot (Sthmtn.)	1007·7	+20	-	0	b	33	95	8	8	4	-	Tr	2·3	2500	5	§0
	Lympne ...	1006·1	+22	W	3	b	32	85	8	-	4	-	0	Tr	-	1	§1
	Manston ...	1004·9	+24	WSW	3	b	33	85	8	-	4	-	0	4·6	-	1	*
2	Shoeburyness ...	1004·6	+30	W	2	b	33	95	7	-	-	-	0	0	-	4	*
	Felixstowe ...	1003·9	+26	W'S	4	bcz₀	34	85	6	5	-	-	2·3	2·3	2500	5	2
	Gorleston ...	1001·9	+14	WNW	4	bc	34	85	7	5	-	-	2·3	2·3	4000	1	2
	Mildenhall ...	1003·3	+20	W'S	3	bc	32	85	7	5	-	-	2·3	2·3	2500	4	*
	Cranwell ...	1001·8	+22	SWW	4	b z₀	32	85	6	-	-	-	0	0	-	4	*
3	Birmingham ...	1005·1	+28	WSW	3	b	33	85	6	-	-	-	0	0	-	4	*
	Upper Heyford	1006·0	+22	SSW	3	bc	28	95	7	5	4	-	2·3	2·3	2500	6	*
4	Ross-on-Wye	1005·8	+14	SWW	2	bc	36	85	8	4	-	1	1	2·3	4000	1	*
5	Portland Bill ...	1007·2	+20	WNW	4	bc	43	85	8	4	-	-	2·3	2·3	2500	1	3
	Plymouth ...	1008·5	+6	WNW	2	bc	39	85	8	2	-	1	2·3	2·3	2500	1	2
	The Lizard ...	1009·3	+6	W	4	bc	42	95	8	8	1	-	4·6	4·6	1500	1	2
	Scilly (St. Mary's)	1009·6	+2	WNW	4	bcjp	44	75	8	8	-	-	2·3	2·3	2500	1	3
	Guernsey ..	1009·1	+20	WNW	4	bc	44	65	7	5	-	-	4·6	4·6	2500	1	3
6	Pembroke ...	1006·3	+10	WNW	4	bc	43	75	7	8	-	-	2·3	2·3	2500	1	3
7	Holyhead ...	1005·7	+20	W	4	b	41	85	8	2	-	5	Tr	Tr	2500	1	3
	Chester (Sealand)	1003·4	+24	W	4	b z₀	38	75	6	8	-	-	Tr	Tr	2500	8	*
8	Manchester ...	1002·1	+18	W'S	3	b z₀	36	95	6	8	-	-	1	1	2500	6	*
10	Spurn Head ...	999·3	+12	W	5	bc	35	95	6	-	2	-	0	4·6	-	7	4
	Catterick ...	998·6	+18	W	3	b	37	75	8	-	4	-	0	Tr	-	8	*
	Tynemouth ...	995·6	+20	WNW	3	bc	37	85	7	5	-	-	4·6	4·6	1500	4	2
11	Inchkeith ...	999·9	+26	SW	4	b	39	75	8	5	-	-	1	1	2500	0	2
	Leuchars ...	999·7	+26	SW	3	b	36	75	8	5	-	-	1	1	4000	6	*
12	Renfrew (Abbots I.)	996·9	+14	W	4	b	37	75	7	-	-	-	0	0	-	5	*
	Eskdalemuir ...	997·2	+10	W	4	b	35	75	7	4	-	-	1	1	1500	8	*
	Point of Ayre...	1001·0	+14	WNW	6	b	39	85	8	4	-	-	1	1	2500	1	3
13A	Tiree	997·5	+6	WNW	4	bc	42	75	8	8	6	-	2·3	4·6	2500	0	*
13B	Stornoway ...	992·9	+18	NNW	3	pr₀	39	85	8	5	7	-	4·6	9+	1500	6	3
15	Dalwhinnie ...	994·2	+20	W	5	bc	35	75	7	4	6	-	2·3	4·6	2500	8	*
	Aberdeen ...	989·9	+16	NW	5	b	38	85	8	-	4	-	0	1	-	6	2
	Wick ...	988·2	+18	NW	4	pr₀	38	85	8	8	7	-	4·6	7–8	1500	6	2
16	Lerwick ...	985·7	+26	ENE	3	c/pr	38	95	8	8	-	-	7–8	7–8	1500	6	*
17	Blacksod Point	1004·3	+6	W	3	bc	38	85	8	4	-	-	4·6	4·6	1500	1	3
18	Malin Head ...	1000·7	+16	WNW	4	bc	41	75	7	8	-	-	2·3	2·3	2500	1	3
	Aldergrove ...	1002·0	+16	SSW	3	bc	31	95	8	8	-	-	2·3	2·3	1500	4·8	*
19	Birr Castle ...	1005·5	+8	-	0	b	31	95	8	-	-	-	0	0	-	6	*
20	Valentia Obsy. †	1007·1	+4	ENE	2	c	35	95	8	5	7	-	4·6	7–8	2500	1	2
	Roches Point	1007·3	+2	NE	1	bc	35	85	8	5	-	-	2·3	2·3	2500	1	2

PAST 24 HOURS.

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

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon (24 hrs. ended 9h.)	Weather Night (24 hrs. ended 9h.)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity 15h. G.M.T % (Yesterday.)	Humidity 9h. G.M.T % (To-day.)	Visibility 9h. (To-day.)
Kew...	18	bcxc	crrs	crsbcx	40	32	27	3	Tr	0·6	*	*	9
Croydon	217	bxcm z₀	s₀r₀3r	os₀cbx	41	33	29	3	1	2·3	*	*	6
Greenwich (Royal Observatory)...	149	bcm	cps₀r₀	rscbxf	41	32	29	1	2	1·7	79	81	3
City (Bushill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	42	32	25	3		0·3	80	91	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	41	33	28	3	Tr	0·0	91	84	*
Camden Square	110	xbcc	crcrs	*	40	32	26	3	0·6	*	*	89	*
Kensington	80	bczco	co	*	41	32	22	2	1	1·1	At 18h. 89	87	*
Hampstead Observatory	450	bcors	o	oxbc	34	28	18	-	3	0·1	*	93	*

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

South Kensington. Max.	Time.	Min.	Time.
1·3	19h 22nd	<0·3	4–5h 23rd

Kew Observatory. Max.	Time.	Min.	Time.
0·5	9h 22d	<0·1	2–5h 23d

FOREIGN OBSERVATIONS.

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

Stations	Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.
Paris	1004·9	SW	3	z₀	41
Brussels	1002·2	S'W	3	c	36
Berlin	1001·8	NNE	3	c	37
Zurich	1008·8	S	3	r₀r₀	36
Rome	1010·5	SE	7	o/d	59

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

Stations	Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1010·3	WSW	5	DC	37	43	36	0·2	0·3
Brussels	1004·7	SW	4	qp	34	39	32	0·2	0·6
Berlin	1003·4	-	0	z₀	30	43	28	-	-
Zurich	1012·6	WSW	1	c/f	34	43	32	3	1
Rome	1011·5	N	5	c	54	*	*	0·2	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

COLUMNS 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, 24th January, 1936.
No. 27091.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1009·3	+16	WSW	2	cz₀	39	85	6	-	-	7	8	9+	-
	Croydon ...	1009·3	+10	SW	2	cz₀	40	75	6	-	-	6	0	9+	-
	S. Farnborough	1009·9	+8	W'S	3	c	43	75	7	-	3	2	0	9	-
	Boscombe Down	1010·3	+6	SWS	2	c	40	85	7	-	7	1	0	9	-
	Calshot (Sthmtn.)	1010·4	+4	W'S	3	c	44	85	7	8	-	6	Tr	9	4000
	Lympne ...	1010·1	+14	W'S	3	c	38	75	8	-	-	4	0	9	-
	Manston ...	1008·8	+14	SW	4	c	41	65	7	-	-	6	0	7-8	-
2	Shoeburyness ...	1008·6	+18	W'S	4	cm	41	75	4	-	7	6	0	7-8	-
	Felixstowe ...	1007·8	+16	SW'W	4	bcz₀	40	75	6	-	-	6	0	4-6	-
	Gorleston ...	1006·2	+20	W'S	4	bc	41	75	6	-	7	-	0	2-3	-
	Mildenhall ...	1007·1	+14	WSW	3	bcz₀	41	75	6	-	7	9	0	4-6	-
	Cranwell ...	1005·9	+14	WSW	4	bcz₀	40	75	6	-	3	1	0	2-3	-
3	Birmingham ...	1007·7	+12	WSW	3	bc	39	86	6	-	1	9	0	4-6	-
4	Upper Heyford	1008·9	+12	WSW	3	c	36	85	8	-	7	8	0	9	-
	Ross-on-Wye	1008·3	+12	SW'W	2	c	41	75	8	1	7	9	Tr	9	2500
5	Portland Bill ...	1010·5	+10	WNW	4	bc	46	85	8	4	-	-	4-6	4-6	2500
	Plymouth ...	1010·3	-2	SW	3	c	48	75	7	1	3	6	2-3	9+	4000
	The Lizard ...	1010·5	0	SW'S	3	c	48	75	8	8	7	-	7-8	9	2500
	Scilly (St. Mary's)	1010·4	0	WSW	3	c	47	75	8	4	2	7	4-6	10	2500
	Guernsey ...	1011·6	+6	SW	2	c	48	66	8	7	1	-	4-6	7-8	2500
6	Pembroke ...	1007·6	+4	W	3	c	45	65	8	8	7	-	2-3	9	2500
7	Holyhead ...	1006·1	+10	W'S	3	c	43	75	8	7	-	6	2-3	7-8	2500
	Chester (Sealand)	1006·6	+10	W'S	2	cz₀	44	65	6	-	-	6	0	7-8	-
8	Manchester ...	1005·5	+10	W'N	4	bcz₀	42	85	6	8	-	1	2-3	2-3	2500
10	Spurn Head ...	1002·8	+10	W	5	bc	41	85	6	-	2	-	0	4-6	-
	Catterick ...	1003·0	+24	W'S	4	bc	40	75	9	2	-	1	1	1	4000
	Tynemouth ...	999·5	+20	W	3	bc	41	75	7	5	-	-	2-3	2-3	1500
11	Inchkeith ...	998·4	+14	SW	4	bc	40	75	8	5	4	-	4-6	4-6	1500
12	Leuchars ...	997·6	+16	WSW	4	bc	42	66	8	7	-	-	1	1	4000
	Renfrew (Abbots I.)	1000·6	+14	W	3	bc	42	75	8	2	-	-	1	1	4000
	Eskdalemuir ...	1001·2	+20	WSW	5	bc	37	75	8	7	-	-	1	1	1500
	Point of Ayre ...	1004·3	+12	WNW	5	bc	44	85	8	2	-	2	1	4-6	1500
13A	Tiree ...	1001·1	+16	WNW	3	bc	44	66	8	8	-	3	2-3	2-3	2500
13B	Stornoway ...	997·9	+24	W	4	c/pr	39	85	8	8	7	3	7-8	9+	1500
15	Dalwhinnie ...	998·5	+20	W	4	bc	36	75	7	4	6	-	2-3	4-6	2500
	Aberdeen ...	995·9	+28	WNW	3	bc	40	75	8	5	-	-	2-3	2-3	2500
	Wick ...	993·6	+24	WNW	4	c	39	85	8	8	7	-	7-8	9	1500
16	Lerwick ...	992·3	+28	ENE	2	c/p	40	85	9	8	7	-	4-6	7-8	1500
17	Blacksod Point	1004·5	0	SSW	2	c	42	96	9	5	-	-	10	10	1500
18	Malin Head ...	1003·5	+8	W	4	c	44	85	7	8	-	6	2-3	7-8	2500
	Aldergrove ...	1004·7	+6	SW	4	bc	35	85	8	2	-	5	Tr	4-6	2500
19	Birr Castle ...	1007·1	+6	S	1	b	36	95	8	5	-	-	10	10	2500
20	Valentia Obsy. †	1006·5	-6	SSE	3	r₀r₀	43	95	8	5	2	-	7-8	10	800
	Roches Point	1008·2	-2	NNE	1	ir₀	40	96	5	6	-	-	10	10	800

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

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)	Cloud. Form. Med. (24)	Cloud. Form. High. (25)	Cloud. Amount Low 0–10 (26)	Cloud. Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1010·2	+4	SW	2	cz₀	39	85	5	-	-	7	0	9+	-	1	*
	Croydon ...	1010·0	+2	SW	3	cz₀	40	75	6	-	7	2	0	7-8	-	1	*
	S. Farnborough	1010·3	+2	SSW	2	c	37	85	7	-	7	8	0	9+	-	1	*
	Boscombe Down	1010·1	-2	SE	2	cz₀	37	95	6	-	1	-	0	10	-	1	*
	Calshot (Sthmtn.)	1010·2	-2	SW'S	2	c	42	95	7	-	1	-	0	9+	-	1	2
	Lympne ...	1011·3	+6	WSW	2	cz₀	37	85	6	-	7	2	0	9	-	1	§ 1
	Manston ...	1010·7	+6	SSW	3	c	36	85	8	-	7	8	0	7-8	-	1	*
2	Shoeburyness ...	1010·2	+6	SW'W	3	c	39	85	5	-	7	-	0	10	-	1	*
	Felixstowe ...	1009·3	+10	SW'W	3	cm	38	85	4	-	-	8	0	9	-	1	1
	Gorleston ...	1007·8	+6	SW'W	3	bc	38	75	6	5	-	-	4-6	4-6	2500	1	2
	Mildenhall ...	1008·7	+12	SW	2	z₀	36	95	5	-	2	-	0	7-8	-	1	*
	Cranwell ...	1007·6	+6	SW	4	cz₀	36	85	5	-	1	7	0	9+	-	1	*
3	Birmingham ...	1008·7	+6	SW	1	bc	37	85	6	-	-	6	0	9+	-	3	*
4	Upper Heyford	1010·1	+8	SW	2	cz₀	35	95	5	-	2	-	0	10	-	6	*
	Ross-on-Wye	1008·5	+4	WSW	2	c	39	85	6	-	1	-	0	10	-	1	*
5	Portland Bill ...	1009·5	-8	WSW	3	c	45	85	8	5	-	-	10	10	2500	1	3
	Plymouth ...	1008·6	-14	SSE	2	c	45	85	8	5	1	-	Tr	10	2500	1	1
	The Lizard ...	1008·5	-12	S'W	3	c	46	85	8	8	2	-	7-8	9	2500	1	2
	Scilly (St. Mary's)	1007·7	-14	SW'S	4	c	46	85	8	8	2	-	4-6	9+	2500	1	2
	Guernsey ...	1011·2	-12	S'E	1	c	45	85	8	5	2	-	7-8	10	2500	1	3
6	Pembroke ...	1007·0	-2	W	1	r₀	43	85	7	5	2	-	7-8	10	1500	1	2
7	Holyhead ...	1006·2	0	SW'S	2	c	42	75	6	1	2	6	2-3	10	2500	1	2
	Chester (Sealand)	1007·5	+2	SW'S	2	cz₀	37	75	6	-	7	8	0	7-8	-	8	*
8	Manchester ...	1007·1	+10	SW'W	3	cm	36	85	4	5	3	2	4-6	7-8	4000	2	*
10	Spurn Head ...	1005·2	+10	W'S	4	c	38	85	7	5	8	-	4-6	7-8	2500	0	3
	Catterick ...	1004·7	+12	WNW	1	bc	37	75	8	-	-	6	0	4-6	-	6	*
	Tynemouth ...	1002·1	+18	W	3	bc	38	75	7	4	-	-	2-3	2-3	4000	1	1
11	Inchkeith ...	1001·8	+22	SW	4	bc	37	85	6	5	-	-	2-3	2-3	1500	0	2
12	Leuchars ...	1001·4	+28	WSW	2	bc	36	85	8	4	-	5	2-3	2-3	4000	6	*
	Renfrew (Abbots I.)	1002·8	+16	NE	1	bc	36	85	8	8	-	6	1	7-8	2500	5	*
	Eskdalemuir ...	1003·7	+12	SWW	4	bc	33	85	6	7	1	2	2-3	7-8	1500	8	*
	Point of Ayre ...	1005·3	+10	W'S	2	bc	36	85	8	-	2	-	0	4-6	7200	1	1
13A	Tiree ...	1001·6	+2	WSW	2	bc	39	75	8	8	-	5	2-3	2-3	2500	0	3
13B	Stornoway ...	999·3	+12	WSW	3	bc	36	85	8	8	7	3	2-3	4-6	1500	6	2
15	Dalwhinnie ...	1001·5	+20	W	3	b	33	75	7	4	6	-	2-3	4-8	2500	8	*
	Aberdeen ...	999·4	+26	NW	3	b	36	85	8	5	-	-	1	1	2500	6	1
	Wick ...	997·1	+24	W	2	c	35	85	8	8	7	-	4-6	7-8	1500	6	2
16	Lerwick ...	996·7	+20	N	1	bc	37	75	7	5	-	-	2-3	2-3	1500	6	*
17	Blacksod Point	1001·1	-22	S	3	r	40	95	8	6	-	-	10	10	800	1	3
18	Malin Head ...	1003·1	0	S	2	c	38	95	7	8	-	6	2-3	10	2500	1	2
	Aldergrove ...	1004·9	0	SSE	2	c	33	85	6	-	2	-	0	10	-	8	*
19	Birr Castle ...	1005·1	-12	S	1	r₀	36	95	7	5	-	-	10	10	2500	1	*
20	Valentia Obsy. †	1002·9	-14	S	4	c/r	45	95	8	5	2	-	4-6	10	1500	1	3
	Roches Point	1005·4	-14	SSW	2	r₀	44	95	8	6	-	-	10	10	1500	1	3

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 23rd (37)	Weather. 13h.—18h. 23rd (38)	Weather. 18h. 23rd to 1h. 24th (39)	Weather. 1h.—7h. 24th (40)
1	London (Kew)	bm₀xcm₀	cm₀	cm₀	cbx
	Croydon ...	b,cm₀	cz₀bcz₀	cz₀r₀	r₀m₀b
	S. Farnborough	b,c	tbcc	cboi d₀	oi d₀bcc
	Boscombe Down	bcm₀c	cm₀	cor₀r₀	cm₀of
	Calshot (Sthmtn.)	bbcc	cbcc	c	ccrr
	Lympne ...	bxb,c	ccm₀	cm₀cw	cirr₀c
	Manston ...	bbc	cbc	bcc	cr₀ b,c
2	Shoeburyness ...	xbccz	czcm₀	cm₀	cr₀c
	Felixstowe ...	bcbbcz₀	bcz₀cz	cz	czbcm
	Gorleston ...	bc	bcc	cbc	bccz₀
	Mildenhall ...	bxcxbb	bccm₀	cbcm₀	bccm₀
	Cranwell ...	bz₀x	b,cm₀	cbcm₀	bcm₀x
3	Birmingham ...	bb	bcc	c	cbf
4	Upper Heyford	bcxc	cm₀	cr₀r₀	cr₀r₀d₀
	Ross-on-Wye	bcc	cc	corc	cbccm
5	Portland Bill ...	bc	bcc	orrbc	bcc
	Plymouth ...	bbcm₀c	cjp	c	cir₀
	The Lizard ...	bcc	c	c	c
	Scilly (St. Mary's)	bcp₀q₀c	c	cp₀bc	cp₀ir₀
	Guernsey ...	bcc	cbcc	cbc	bco
6	Pembroke ...	bcc	circ	circ	bccq
7	Holyhead ...	bbc	bccz₀	cz₀ir₀	cbc
	Chester (Sealand)	bz₀	cz₀	cbcz₀	cpr₀bx
8	Manchester ...	bcbbc	bcm₀cm	cmm₀	cm₀m
10	Spurn Head ...	bcc	c	cbcz	bccz
	Catterick ...	b	bbc	bcb	bbmf
	Tynemouth ...	bc	bc	bc	bc
11	Inchkeith ...	bbc	bc	bc	bcco
12	Leuchars ...	cxb	bcc	bcb	bxbcc
	Renfrew (Abbots I.)	bpr₀s₀q₀c	bbc₀pr₀bc	bcb	cr₀r₀ff
	Eskdalemuir ...	pr₀b	prsbc	bxm₀	os₀s₀
	Point of Ayre ...	bcc	bc	bcco	r₀r₀
13A	Tiree ...	bcjp	bcpr₀	bcpr	bccr
13B	Stornoway ...	cpr₀	bcpr₀	bcpr₀	bc
15	Dalwhinnie ...	cbc	bc	•	bcc
	Aberdeen ...	b	b	bbx	bxc
	Wick ...	cphr	cphrc	phrbc	bc
16	Lerwick ...	cprs	cbc	bbc	b
17	Blacksod Point	cbc	rr	ir	cbc
18	Malin Head ...	bcpr₀	c	coir₀	circ
	Aldergrove ...	bxpr₀sb	co	crr₀sh	cr₀r₀
19	Birr Castle ...	bbco	or₀r₀	or₀r₀c	cx
20	Valentia Obsy. †	ir₀r₀r₀	r₀s₀c	cp/sc	cbcc
	Roches Point	coir₀z₀	ir₀r₀	oirc	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/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.*

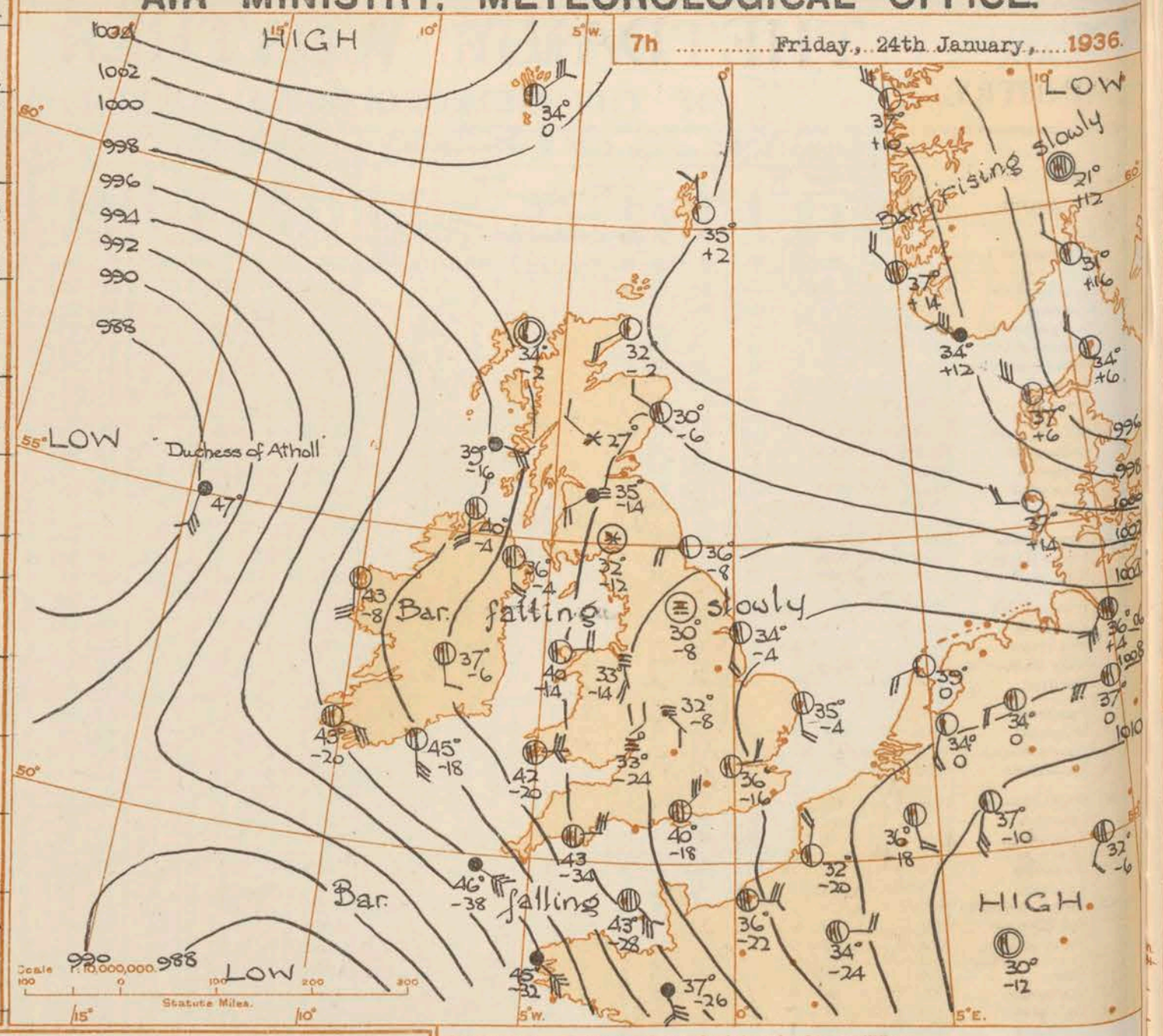
† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for ...23rd. January ..... 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.	bcc	cbc	27	41	1	–	3·4
	Bournemouth	cbbc	bcom	33	46	05	–	3·0
	Ventnor ...	rxbc	cbou	35	47	1	–	5·2
	Southsea ...	bc	bbcb	35	47	1	–	3·9
	Bognor Regis	bcbc	bcbc	33	47	2	–	5·1
	Littlehampton	bc	bc	31	47	0·3	–	4·4
	Worthing ...	bc	bcb	33	47	1	–	4·5
	Brighton ...	cb	b	32	45	1	–	3·7
	Eastbourne†	bbcc	cbcb	34	46	4	–	3·8
	Hastings† ...	bbc	cbcb	32	44	3	–	4·0
	Folkestone ...	bxm₀	cbcm₀	31	41	4	–	3·6
	Dover... ...	bbcc	cb	34	42	4	–	4·2
	Deal	b	coc	32	41	4	–	4·6
	Ramsgate ...	b	bc	33	42	2	–	3·3
	Margate ...	bc	bcc	33	43	0·3	–	4·1
2	Southend ...	b	bbccb	31	41	3	–	3·8
	Maldon ...	xmb	co	32	40	3	–	4·1
	Clacton-on-Sea	bxbc	bccm	31	41	3	–	5·0
	Dovercourt ...	xb	bcm	31	40	2	–	5·1
	Lowestoft ...	s₀cbc	b	31	41	1	–	5·7
	Skegness ...	b	bcm₀	29	41	–	Trace	5·1
	Mablethorpe	bcxbm	bbcm₀	30	41	1	–	4·9
	Cleethorpes ...	b	b	30	41	0·4	–	5·4
3	Leamington S.	bbc	bcc	30	41	–	–	2·5
4	Cheltenham†	bcxqc	co	30	42	–	–	1·4
5	Bath	bcc	cbcb	29	46	Trace	–	2·2
	Weymouth ...	bbc	bc	33	49	1	–	4·3
	Jersey ...	rcbc	bcc	39	48	2	–	5·3
	Torquay ...	bm₀	bcco	32	48	0·6	–	4·7
	Penzance ...	bbbc	ccbc	36	48	1	–	2·0
	St. Ives ...	c	c	34	48	1	–	2·4
	Bude	bcc	c	39	47	–	–	2·7
	Ilfracombe ...	bbc	bcco	41	47	1	–	3·9
6	Aberystwyth	cbc	bcc	37	44	–	–	3·2
7	Llandudno ...	bbc	cbc	36	43	0·4	–	4·2
	Colwyn Bay...	bcb	bccbc	35	43	–	–	3·7
	Rhyl	bbc	bcc	34	44	0·2	–	4·8
8	Wallasey ...	b	bbcc	33	43	2	–	4·7
	Southport‖ ...	b	bcco	36	43	1	–	5·1
	Blackpool ...	cbc	bcc	37	44	0·3	–	5·4
	Morecambe ...	cbcbb	bbc	36	42	Trace	–	5·4
9	Ilkley... ...	bc	bc	31	41	2	–	5·5
	Harrogate ...	b	bbcc	36	40	Trace	–	5·6
10	Berwick-on-T.	bc	bc	30	41	–	–	6·1
11	Dunbar ...	bc	bc	31	41	–	–	5·5
12	Troon... ...	cbcbc	bcbcb	35	45	3	–	5·3
	Douglas ...	bc	bccb	34	44	–	–	4·8

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 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.

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

Districts.	Forecasts
1 S.E. England 2 E. England ...	Wind southeast to east, fresh, veering; cloudy; continuous rain tonight, intermittent later; becoming milder.
3 E. Midlands ... 4 W. Midlands ...	Wind easterly, fresh, becoming variable and later southwest, decreasing; cloudy; continuous rain this evening, intermittent later; becoming milder.
5 S.W. England 6 South Wales ...	Wind east to northeast, strong to a gale, becoming southwest or west and decreasing; continuous rain at first today, bright intervals tomorrow; milder.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Freshening northeast wind, becoming variable tomorrow; continuous rain tonight, intermittent tomorrow; milder tomorrow.
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 variable, light to moderate; occasional rain or sleet today, more continuous tomorrow; rather cold today becoming slowly milder.
17 N. W. Ireland 18 N. E. Ireland	Wind southerly, moderate, becoming variable tomorrow; mainly cloudy; occasional rain; average temperature.
19 S. E. Ireland 20 S. W. Ireland	Freshening northeast wind, variable later; continuous rain this afternoon; bright intervals tomorrow; becoming milder.

GENERAL INFERENCE.

A depression off Northwest Ireland is moving slowly eastwards while another over the Bay of Biscay will travel northeast across the British Isles. There will be rain in all districts and it will become slowly milder.

FURTHER OUTLOOK.

Bright intervals in the West and South with occasional showers; rain or sleet in the North.

Time of hoisting of Gale warning.

South cone hoisted at 1825 on 23rd in districts 5 and 6 (part of).

Forecasts issued at 10-30 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.

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, 24th January, 1936.
No. 27091.

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

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	1009·0	−·6	–	0	ir₀	38	95	6	–	2	–	0	10	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1010·1	−·8	SW'W	1	c	38	85	7	–	1	8	0	9+	–
	Manston ...	142	1009·5	−·10	S	2	c	36	95	8	–	1	–	0	10	–
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1008·6	0	SW'W	1	bc	36	95	6	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	1006·5	−·28	SSW	3	bc	46	85	7	4	–	–	4·6	4·6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1004·1	+·22	SE	4	c	45	95	8	4	2	–	4·6	7·8	2500
	Scilly (St. Mary's)	163	1003·1	−·20	S'E	5	bc	46	85	8	8	–	–	4·6	4·6	2500
	Guernsey ..	175	1007·7	−·20	SSE	3	bc	43	85	8	2	–	–	2·3	2·3	2500
6	Pembroke ...	142	1004·4	−·12	SE	3	ir	43	95	7	5	–	–	10	10	1500
7	Holyhead ...	26	1005·0	−·8	S'E	4	ir₀	40	95	7	6	2	–	7·8	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1006·3	+·4	W'S	3	bc Zo	36	95	5	–	2	–	0	4·6	–
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1004·7	+·6	W	2	bc	36	85	6	4	–	–	4·6	4·6	1500
11	Inchkeith ...	190	1003·7	+·10	SW	2	bc	36	95	7	5	–	–	4·6	4·6	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1004·9	0	SW	2	pr₀	38	95	8	5	–	–	10	10	2500
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1000·6	+·6	WSW	2	bc	35	95	8	5	7	–	2·3	4·6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1000·1	+·6	W	2	bc	32	85	8	8	–	–	2·3	2·3	2500
16	Lerwick ...	156	999·6	+·10	WNW	1	bc	36	75	8	5	–	–	1	1	2500
17	Blacksod Point	18	998·7	−·10	SW	5	c	42	95	8	5	–	–	7·8	7·8	1500
18	Malin Head ...	52	1000·5	−·24	SSE	3	ir₀	36	95	7	6	–	–	10	10	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*		*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1000·1	−·20	S	3	bc	44	95	8	7	–	–	2·3	2·3	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Cloud. Form. Med. (24)	Cloud. Form. High (25)	Cloud. Amount. Low 0–10 (26)	Cloud. Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 * (30)
London (Kew)	1005·7	−·10	–	0	c Zo	36	95	6	5	–	7	4·6	9	2500	1	*
Croydon ...	1005·9	−·16	E'S	2	c	36	95	7	5	7	–	2·3	7·8	5700	1	*
S. Farnborough	1004·9	−·20	E	1	c Zo	36	95	5	5	3	–	7·8	9	4000	1	*
Boscombe Down	1003·9	−·16	E	2	f	36	95	2	5	–	–	10	10	<150	1	*
Calshot (Sthmtn.)	1004·9	−·18	NE'E	3	c	40	95	8	5	7	–	4·6	7·8	2500	1	1
Lympne ...	1007·2	−·16	SE	2	c	40	95	6	8	7	–	2·3	9	800	1	1
Manston ...	1006·8	−·18	SE	2	c	39	95	7	–	3	9	0	7·8	–	1	*
Shoeburyness ...	1006·5	−·14	SE	1	c	39	95	7	5	–	–	9+	9+	2500	1	*
Felixstowe ...	1007·1	−·12	E	2	c m	36	95	4	–	7	8	0	7·8	–	1	1
Gorleston ...	1007·3	−·8	S	2	c	35	85	6	5	3	–	4·6	9	2500	1	2
Mildenhall ...	1006·2	−·14	ESE	1	c Zo	34	95	6	5	–	–	7·8	7·8	2500	1	*
Cranwell ...	1006·0	−·14	–	0	bc Zo	31	95	6	5	1	–	4·6	4·6	2500	4	*
Birmingham ...	1005·3	−·8	SE	1	f	32	95	2	–	–	–	0	0	–	4	*
Upper Heyford	1005·4	−·20	ENE	1	c/a	35	95	5	5	–	–	9+	9+	1500	3	*
Ross-on-Wye	1003·8	−·24	NE	1	c m	33	95	4	5	–	–	9+	9+	1500	1	*
Portland Bill ...	1001·9	−·28	SE	4	c	45	85	8	5	–	–	10	10	1500	1	3
Plymouth ...	1000·1	−·34	E'S	3	c	43	95	8	5	7	8	2·3	10	1500	1	2
The Lizard ...	997·3	−·30	E'S	6	c	45	85	8	8	2	–	4·6	10	2500	1	3
Scilly (St. Mary's)	995·5	−·38	SE	6	ir₀	46	86	8	8	–	–	10	10	2500	1	3
Guernsey ..	1002·1	−·28	SE	4	0	43	86	6	5	–	–	10	10	2500	1	3
Pembroke ...	1000·0	−·20	ESE	5	c q	42	95	7	8	–	–	9+	9+	2500	1	3
Holyhead ...	1001·9	−·14	E'S	2	bc	40	85	8	5	9	–	2·3	4·6	2500	1	2
Chester (Sealand)	1004·2	−·14	SSE	2	f	33	95	2	5	–	–	10	10	<150	8	*
Manchester ...	1004·7	−·8	S'E	1	c m	34	95	4	5	–	–	10	10	1500	1	*
Spurn Head ...	1005·5	−·4	SW'S	2	c Zo	34	95	5	5	2	–	4·6	7·8	2500	1	1
Catterick ...	1004·6	−·8	–	0	f	30	95	2	–	–	–	0	0	–	6	*
Tynemouth ...	1003·0	−·8	W	2	bc	36	95	6	5	–	–	4·6	4·6	1500	4	1
Inchkeith ...	1002·1	−·4	SE	1	0	35	95	7	5	–	–	10	10	1500	0	1
Leuchars ...	1002·5	−·8	–	0	ir₀	30	95	6	–	2	–	10	10	1500	6	*
Renfrew (Abbots I.)	1001·8	−·14	NE	2	rf	35	95	3	5	–	–	10	10	800	5	*
Eskdalemuir ...	1003·3	−·12	–	0	so₀	32	95	3	–	2	–	10	10	800	8	*
Point of Ayre...	1001·8	−·12	S'W	4	ir₀	42	95	8	6	–	–	10	10	1500	1	2
Tiree ...	998·1	−·16	ESE	4	rr	39	95	7	6	2	–	7·8	10	1500	1	*
Stornoway ...	1000·1	−·2	–	0	bc	34	95	8	5	–	–	4·6	4·6	1500	6	0
Dalwhinnie ...	*	−·8	NN	1	ss	27	95	6	5	–	–	10	10	1500	8	*
Aberdeen ...	1001·8	−·6	NW	1	c	30	85	7	5	–	–	7·8	7·8	4000	6	1
Wick ...	999·9	−·2	WSW	2	bc	32	75	8	5	1	–	2·3	4·6	2500	5	2
Lerwick ...	1000·4	+·2	N	1	b	35	75	8	5	–	–	1	1	2500	4	*
Blacksod Point	997·3	−·8	S	3	bc	43	85	8	4	–	–	2·3	2·3	1500	1	3
Malin Head ...	997·9	−·4	S	3	c	40	95	7	5	–	–	9+	9+	2500	1	1
Aldergrove ...	1000·8	−·4	SSE	2	c Zo	36	95	6	5	1	–	4·6	9+	2500	3	*
Birr Castle ...	1000·4	−·6	S'E	1	c	37	95	7	5	–	–	9	9	2500	1	*
Valentia Obsy. †	996·3	−·20	E'N	3	c	43	85	8	5	–	–	7·8	7·8	1500	1	3
Roches Point	997·8	−·18	SSE	3	c	45	85	8	6	–	–	9	9	1500	1	3

PAST 24 HOURS.

Stations	Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 23rd Hrs. (36)
London (Kew)	42	35	27	0·1	0·2	3·2
Croydon ...	43	36	33	–	0·3	3·3
S. Farnborough	45	35	30	–	0·5	2·3
Boscombe Down	42	36	33	–	1	2·1
Calshot (Sthmtn.)	47	39	37	–	1	3·9
Lympne ...	40	36	30	0·1	0·6	3·5
Manston ...	42	35	30	–	0·1	4·6
Shoeburyness ...	42	36	31	–	Tr	3·8
Felixstowe ...	41	35	30	–	–	5·1
Gorleston ...	42	34	32	–	–	5·7
Mildenhall ...	41	34	31	–	–	4·6
Cranwell ...	40	31	27	–	–	4·3
Birmingham ...	39	31	29	–	–	2·4
Upper Heyford	38	34	29	0·3	0·4	*
Ross-on-Wye	44	32	23	–	2	1·5
Portland Bill ...	47	43	*	–	1	*
Plymouth ...	48	36	36	–	Tr	4·8
The Lizard ...	48	45	*	–	–	*
Scilly (St. Mary's)	48	44	*	0·1	0·1	0·7
Guernsey ..	50	42	35	–	–	4·4
Pembroke ...	45	41	*	1	1	3·6
Holyhead ...	45	39	36	–	0·4	2·8
Chester (Sealand)	45	33	30	–	0·3	5·0
Manchester ...	42	33	26	–	–	4·8
Spurn Head ...	41	34	*	–	–	5·3
Catterick ...	40	30	26	–	–	5·8
Tynemouth ...	41	34	29	–	–	6·3
Inchkeith ...	41	34	31	–	–	5·7
Leuchars ...	42	28	23	–	–	6·8
Renfrew (Abbots I.)	(42)	31	25	Tr	1	3·6
Eskdalemuir ...	39	28	23	0·3	1	4·9
Point of Ayre...	44	35	*	–	0·4	5·3
Tiree ...	44	32	28	Tr	3	3·2
Stornoway ...	40	32	*	2	0·1	1·9
Dalwhinnie ...	36	20	15	–	–	2·1
Aberdeen ...	41	28	23	–	–	5·7
Wick ...	39	30	*	2	0·1	*
Lerwick ...	40	34	*	–	–	2·6
Blacksod Point	43	39	*	3	1	*
Malin Head ...	44	35	*	–	2	3·7
Aldergrove ...	35	32	29	Tr	2	4·6
Birr Castle ...	38	35	30	2	1	1·1
Valentia Obsy. †	46	43	37	5	0·2	0·0
Roches Point	45	44	*	2	1	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon.	Weather. Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	bm xcm	cm	cm bx	42	35	27	0·1	0·2	3·2	*	*	4
Croydon	217	b, cm	cz bcz	cz ok b	43	36	33	–	0·3	3·3	*	*	6
Greenwich (Royal Observatory)	149	bcm	c⊕m	cr bcm	42	31	33	–	0·3	2·9	78	93	4
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·8	*	*	*
Westminster (St. James' Park)	27	*	*	*	43	33	30	0·3		2·0	84	92	*
Regents Pk. (botanic Gardens)‡	168	*	*	*	42	34	32	–	Tr	0·8	83	91	*
Camden Square	110	xbbc	bcc	*	41	34	27	–	0·5	*	*	95	*
Kensington	80	bczc	c	*	42	35	28	–	0·5	2·5	At 18h. 80	92	*
Hampstead Observatory	450	bcm	o	oxr	40	31	21	–	0·5	1·8	*	92	*

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

South Kensington. Max.	Time.	Min.	Time.	Kew Observatory. Max.	Time.	Min.	Time.
2·0	18–21h 23rd	0·3	5–6h 24th	0·7	19h 23rd	0·1	7h 24th

FOREIGN OBSERVATIONS.

18h. G.M.T. 23rd January

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1014·3	SSW	2	bc Zo	43
Brussels	1011·5	SW	3	c	37
Berlin	1005·2	W'S	4	is₀	34
Zurich	1019·9	W	5	bc	37
Rome					

7h. G.M.T. 24th January

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris	1007·4	E	2	c	34	46	32	–	–
Brussels	1008·6	SSE	2	c	36	43	36	–	–
Berlin	1007·6	SW	4	c	36	37	36	0·2	0·2
Zurich	1014·8	NNW	1	c Zo	28	41	27	1	–
Rome	1017·7	NE	3	c Zo	43	*	*		–

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 25th January, 1936.
No. 27092.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base (feet) (14)	Sunshine 23rd Hrs. (36)
1	London (Kew)	1002·0	−26	ESE	3	cz₀	44	75	6	1	5	7	Tr	9+	2500	3·2
	Croydon ...	1002·0	−20	E'S	3	cz₀	44	75	6	1	7	1	1	7-8	4000	3·3
	S. Farnborough	1001·3	−26	SE'E	3	c	43	75	6	5	7	8	1	9	2500	2·3
	Boscombe Down	1000·1	−26	E'S	3	c	41	85	7	5	2	-	4-6	10	2500	2·1
	Calshot (Sthmtn.)	1000·7	−24	E'S	5	c	44	85	7	-	2	-	0	10	-	3·9
	Lympne ...	1000·9	−24	SSE	3	c	41	75	7	-	7	6	0	9+	-	3·5
	Manston ...	1003·5	−26	SE'E	3	c	42	75	7	-	7	8	0	7-8	-	4·6
2	Shoeburyness ...	1003·6	−24	SE	3	c	42	85	6	8	7	-	2-3	7-8	5700	3·8
	Felixstowe ...	1004·6	−22	ESE	3	c	43	85	7	5	-	6	Tr	9+	2500	5·1
	Gorleston ...	1006·0	−14	SE	3	c	43	85	6	7	4	8	2-3	7-8	2500	5·7
	Mildenhall ...	1003·8	−20	SE'S	4	cz	44	75	6	5	7	6	1	9	2500	4·6
	Cranwell ...	1004·2	−14	SE'E	1	cm₀	37	95	5	5	3	-	2-3	7-8	2500	4·3
3	Birmingham ...	1002·8	−18	SE	2	of	37	95	2	5	-	-	10	10	<150	2·4
	Upper Heyford	1002·1	−26	E	3	c/f	40	85	4	-	7	6	0	9+	-	*
4	Ross-on-Wye	1000·5	−20	E	3	cz₀	40	95	6	5	7	1	4-6	9+	2500	1·5
5	Portland Bill ...	997·3	−28	SE	6	r₀r₀	44	95	7	5	-	-	10	10	1500	*
	Plymouth ...	995·1	−26	ESE	5	r₀r₀	45	95	8	5	2	-	4-6	10	1500	4·8
	The Lizard ...	991·6	−28	ESE	7	rf	45	95	4	6	-	-	10	10	800	*
	Scilly (St. Mary's)	989·4	−32	SE	6	r₀r₀	46	95	5	6	-	-	10	10	1500	0·7
	Guernsey ...	997·4	−24	SE	4	r₀r₀	42	95	7	5	-	-	10	10	2500	4·4
6	Pembroke ...	994·6	−30	ESE	6	cjp	42	85	7	5	7	-	4-6	9+	2500	3·6
7	Holyhead ...	999·2	−20	ESE	2	bc	45	75	9	2	5	5	Tr	7-8	2500	2·8
	Chester (Sealand)	1002·3	−20	SE	2	o/f	34	95	4	5	-	-	10	10	<150	5·0
8	Manchester ...	1002·6	−18	SE'E	2	bc/f-	41	85	3	-	4	1	0	2-3	-	4·8
10	Spurn Head ...	1004·2	−4	SSE	2	c	38	95	6	5	7	-	4-6	9+	1500	5·3
	Catterick ...	1004·1	−8	S	2	o/F	32	95	1	5	-	-	10	10	<150	5·8
	Tynemouth ...	1003·1	−6	SW	2	bc	40	75	6	4	-	-	4-6	4-6	4000	6·3
11	Inchkeith ...	1002·9	0	SE	3	o	37	95	7	5	-	—	10	10	1500	5·7
	Leuchars ...	1001·8	−10	-	0	cm	35	95	4	-	2	-	10	10	800	6·8
12	Renfrew (Abbots I.)	1001·6	−2	NE'N	1	df	35	95	3	5	-	-	10	10	450	3·6
	Eskdalemuir ...	1002·6	−4	-	0	d₀d₀	34	95	1	-	2	-	10	10	220	4·9
	Point of Ayre...	1000·8	−8	S'E	5	m	39	95	4	5	-	-	10	10	450	5·3
13A	Tiree	998·5	+2	S'W	4	c	44	85	8	5	7	6	7-8	9	1500	3·2
13B	Stornoway ...	999·8	0	SSE	4	pr	39	75	8	5	2	-	7-8	9+	1500	1·9
15	Dalwhinnie ...	?	−12	SW	4	c	34	95	7	4	6	-	4-6	9+	2500	2·1
	Aberdeen ...	1001·8	0	SW	1	of	37	75	3	-	2	-	0	10	-	5·7
	Wick ...	1000·3	+2	SW	2	c	35	85	8	5	2	-	7-8	9+	1500	*
16	Lerwick ...	1001·1	0	E	1	bc	43	65	8	5	-	-	2-3	2-3	2500	2·6
17	Blacksod Point	996·9	−6	ESE	3	c	41	95	8	2	4	-	4-6	7-8	1500	*
18	Malin Head ...	998·8	−2	S'W	1	c	41	95	7	5	-	8	4-6	7-8	1500	3·7
	Aldergrove ...	1000·0	−10	ESE	2	c	40	85	7	5	-	-	9+	9+	4000	4·6
19	Birr Castle ...	997·4	−12	SE	1	c	42	95	7	5	-	8	7-8	9+	2500	1·1
20	Valentia Obsy. †	993·1	−26	ENE	3	r₀	44	85	8	5	2	-	2-3	10	1500	0·0
	Roches Point	993·7	−26	SE	4	r₀	45	85	7	6	-	-	10	10	1500	*

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

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)	998·9	−16	ESE	2	rr	40	85	6	-	2	-	10	10	1500	1	*
	Croydon ...	998·7	−16	SE'E	3	r₀r₀	40	85	6	-	2	7	0	10	—	1	*
	S. Farnborough	997·9	−20	ESE	2	r₀r₀	39	95	6	6	-	-	10	10	1500	1	*
	Boscombe Down	996·0	−18	ESE	4	r₀r₀	39	95	6	-	2	-	10	10	1500	1	*
	Calshot (Sthmtn.)	997·2	−16	E	5	r₀r₀	42	95	7	5	2	-	9+	10	800	1	4
	Lympne ...	1000·9	−10	SE'E	4	r₀r₀	39	85	7	5	2	-	7-8	10	2500	1	§ 3
	Manston ...	1000·9	−16	SE	5	ir₀	40	85	7	5	2	-	7-8	10	1500	1	*
2	Shoeburyness ...	1000·6	−18	SE'E	4	r	41	85	6	6	2	-	4-6	10	2500	1	*
	Felixstowe ...	1001·5	−20	ESE	4	c	41	85	7	5	7	-	2-3	10	2500	1	2
	Gorleston ...	1003·0	−16	ESE	3	bc	40	85	7	-	7	-	0	4-6	-	1	2
	Mildenhall ...	1000·4	−22	ESE	3	bcz₀	40	85	6	-	2	-	0	4-6	-	1	*
	Cranwell ...	1001·5	−10	ENE	3	cf	35	95	3	-	3	7	0	10	-	1	*
3	Birmingham ...	997·6	−24	ESE	4	ir	39	85	5	6	-	-	10	10	1500	1	*
	Upper Heyford	998·3	−22	E	3	r₀r₀	38	85	5	5	-	-	10	10	1500	1	*
4	Ross-on-Wye	996·4	−16	E'S	3	rr	38	95	5	6	-	-	10	10	1500	1	*
5	Portland Bill ...	993·5	−20	SE	5	rr	45	95	6	5	-	-	10	10	1500	2	4
	Plymouth ...	991·7	−16	ESE	4	dr	45	95	5	6	-	-	10	10	1500	1	2
	The Lizard ...	989·3	−10	SSE	5	r₀r₀	49	95	6	5	-	-	10	10	1500	1	4
	Scilly (St. Mary's)	986·6	−10	SSW	5	c/d	50	95	6	5	2	-	7-8	10	2500	1	3
	Guernsey ...	994·7	−10	SSE	4	o/r	45	95	7	5	-	-	10	10	2500	1	3
6	Pembroke ...	990·3	−18	SE'E	6	rr	42	95	6	5	-	-	10	10	1500	1	4
7	Holyhead ...	994·5	−22	E'N	4	c	40	85	6	1	2	-	1	10	2500	1	2
	Chester (Sealand)	998·1	−22	ESE	3	cm	37	95	4	5	-	-	10	10	<150	3	*
8	Manchester ...	999·1	−20	ESE	4	cm	39	85	4	-	7	-	0	10	-	1	*
10	Spurn Head ...	1001·2	−8	SE	4	bc	40	95	7	5	2	-	2-3	4-6	2500	0	3
	Catterick ...	1001·6	−14	-	0	o/F	32	95	1	5	-	-	10	10	<150	6	*
	Tynemouth ...	1001·3	−8	S	2	cm	34	95	4	4	-	-	7-8	7-8	4000	4	1
11	Inchkeith ...	1001·6	−8	E	1	cz₀	37	95	6	5	-	-	7-8	7-8	1500	0	1
	Leuchars ...	1001·4	−4	-	0	cf	34	95	3	5	2	-	7-8	10	1500	6	*
12	Renfrew (Abbots I.)	1000·5	−6	NE'N	1	of	34	95	3	5	-	-	10	10	800	5	*
	Eskdalemuir ...	1000·6	−10	NE	2	bc	32	95	6	-	-	1	0	4-6	-	8	*
	Point of Ayre...	998·0	−16	SE'E	5	o	41	85	7	5	-	-	10	10	1500	1	3
13A	Tiree	998·1	−2	SSE	3	ir₀	42	95	7	6	7	-	9	10	1500	1	2
13B	Stornoway ...	999·4	−2	ESE	3	d₀d	38	95	7	5	2	-	7-8	10	1500	1	2
15	Dalwhinnie ...	?	−6	—	0	c	34	95	7	5	-	-	10	10	2500	8	*
	Aberdeen ...	1001·0	−2	SSW	1	cz₀	35	95	5	5	-	-	9	9	5700	6	1
	Wick ...	1000·5	0	SW	2	c	33	95	7	5	2	-	7-8	10	1500	5	0
16	Lerwick ...	1002·4	+8	NE	2	bc	36	85	8	5	-	-	4-6	4-6	1500	4	*
17	Blacksod Point	994·5	−12	ESE	3	c	41	95	7	-	7	-	0	10	-	0	3
18	Malin Head ...	996·5	−8	SE	2	cz₀	42	95	6	5	-	8	7-8	9+	1500	1	1
	Aldergrove ...	997·0	−18	E	3	cz₀	38	95	5	5	-	-	10	10	4000	3	*
19	Birr Castle ...	992·7	−10	SE	1	rr	40	85	7	6	-	-	10	10	2500	1	*
20	Valentia Obsy. †	989·7	−20	NE'E	5	r₀r₀	39	85	7	6	2	-	7-8	10	1500	1	3
	Roches Point	988·0	−34	E	5	rr	43	95	8	6	-	-	10	10	800	1	4

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 24th (37)	Weather. 13h.—18h. 24th (38)	Weather. 18h. 24th to 1h. 25th (39)	Weather. 1h.—7h. 25th (40)
1	London (Kew)	cmcz	ccr₀r	cr₀r₀	cr₀m₀
	Croydon ...	btcm₀	cz₀r₀	cor₀r₀m₀	odoido
	S. Farnborough	cfm₀	cr₀r₀	r₀r₀irf	fefe₀
	Boscombe Down	Fcm₀c	cr₀r₀	orrm₀	r₀r₀ffe
	Calshot (Sthmtn.)	ccm₀c	cir₀r₀rm₀	cforr₀r₀	cr₀r₀c
	Lympne ...	ccm₀c	cr₀c₀	r₀r₀d₀d₀	r₀d₀ff
	Manston ...	c	cir₀	ord₀m₀	r₀d₀m₀
2	Shoeburyness ...	bcm₀	cm₀	r₀r₀	r₀om₀
	Felixstowe ...	bcmc	cz₀c	cr₀r₀cz₀	crridm
	Gorleston ...	cz₀z₀	cz₀bc	or₀r₀	or₀r₀
	Mildenhall ...	cm₀	cm₀	bccr₀r₀m₀	crrcd₀
	Cranwell ...	cfir₀	cf	cfrr	cfr₀r₀
3	Birmingham ...	prf	fbcc	orrd₀	odf
	Upper Heyford	comcfm	cm₀m₀rr₀	cr₀RRm	cmd₀df
4	Ross-on-Wye	cmfcm	cor	rdd₀m₀	om
5	Portland Bill ...	cr₀r₀	rrz₀	orr	rrd₀d₀
	Plymouth ...	cr₀	cr₀d₀rrm	or₀d₀d₀d	od₀cd₀
	The Lizard ...	omrr	orrm	irmbc	bcc₀r
	Scilly (St. Mary's)	or₀r₀	r₀rd₀	cp₀	cbcc
	Guernsey ...	or₀r₀	r₀r₀ff	arc	coo
6	Pembroke ...	cqm₀	cqm₀rr₀	oqrrifo	oqprc
7	Holyhead ...	bcv	bcfm₀	r₀f₀₀	oid₀c
	Chester (Sealand)	Ff.	om	orRrrm	od₀d₀m
8	Manchester ...	cmbcff	bcfcm	m₀r₀m₀	r₀rid₀
10	Spurn Head ...	zc	cbc	cop₀	oid₀
	Catterick ...	cff	F	Fof₀m	om₀r₀f₀
	Tynemouth ...	bcm	bccm	coffo	oir₀
11	Inchkeith ...	o	oz₀	cz₀₀	oir₀
	Leuchars ...	ddm₀d₀d	om₀cf	cf	efo r₀r₀
12	Renfrew (Abbots I.)	r₀d₀d₀ff	*d₀ff	offcm	cmr₀r₀
	Eskdalemuir ...	od₀d₀	bcm₀	bccm₀	cr₀r₀
	Point of Ayre...	om	m₀	orr	r₀r
13A	Tiree	c	cir₀	cir	cir
13B	Stornoway ...	bccpr₀	cr₀r₀	cr₀	bc
15	Dalwhinnie ...	ssc r₀	c	*	bcc
	Aberdeen ...	cfoff	ofr₀c	cm₀bm	cm₀r₀
	Wick ...	bcc	c	cbc	ir₀c
16	Lerwick ...	bbc	bc	cbc	bccphr₀
17	Blacksod Point	cc	cc	ir	ir
18	Malin Head ...	c	cz₀z₀	cz₀c	cir
	Aldergrove ...	cm₀bcid	ccm₀	cm₀orm	cr₀r₀d₀d₀
19	Birr Castle ...	c	corr	orro	o
20	Valentia Obsy. †	cir₀	ir₀rr₀r₀r	ir₀bc	bcxco
	Roches Point	coir₀	RRrr	rrddc	co

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.*

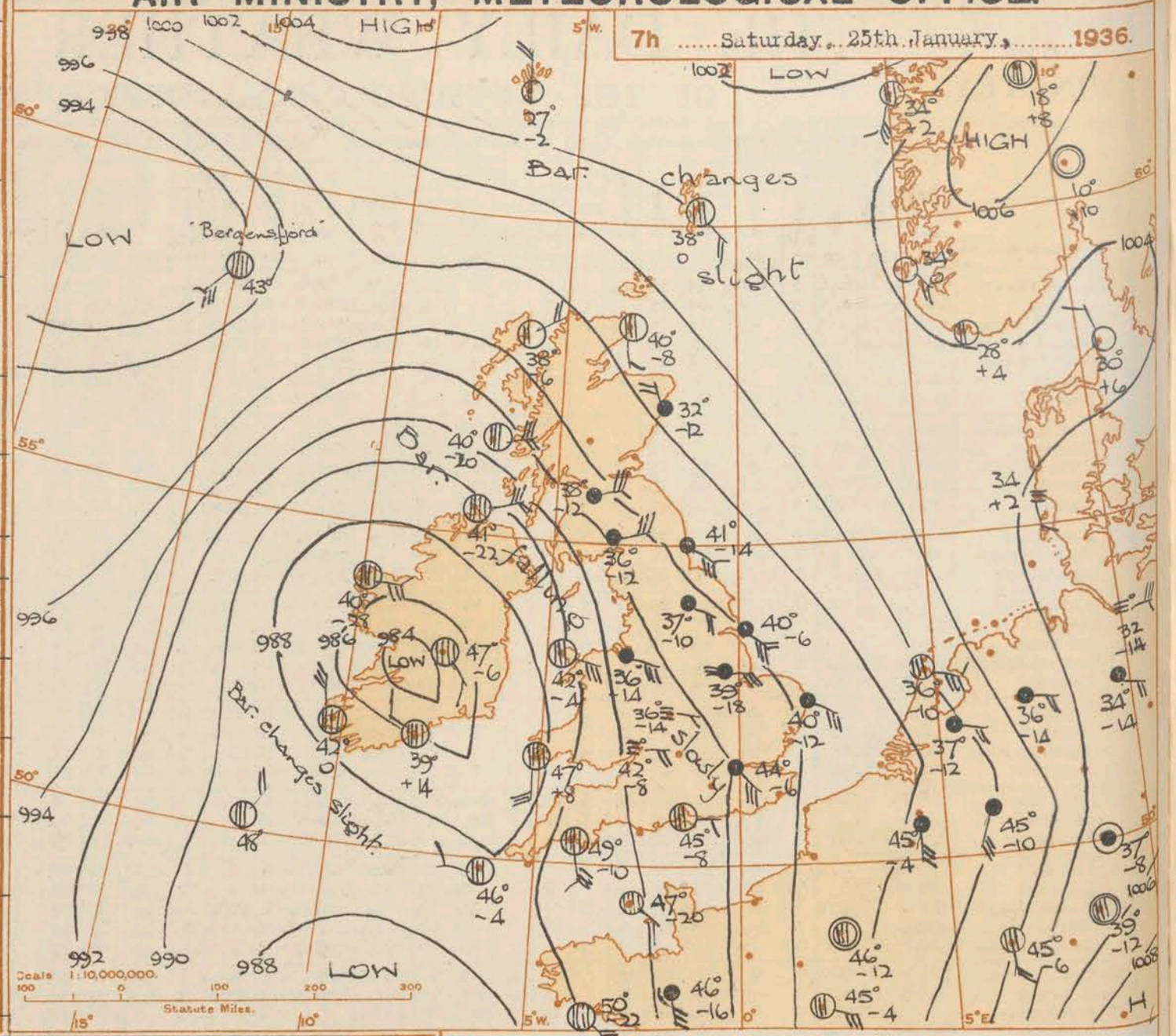
§ Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 24th January 1936.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 23rd to 9h. 24th	Temperature. Max. 9h.—17h. 24th	Rainfall. Night. 17h. 23rd to 9h. 24th	Rainfall. Day. 9h.—17h. 24th	Sunshine. Sunrise to Sunset. 24th
1	Tunbridge W.	oc	coop	31	42	1	Trace	0·0
	Bournemouth	odo	odo	36	44	1	2	0·0
	Ventnor ...	oup	orm	41	47	-	2	0·0
	Southsea ...	co	ocod	38	46	-	0·4	0·0
	Bognor Regis	cbcc	orr	36	44	1	1	0·1
	Littlehampton	c	cor	34	44	2	1	0·0
	Worthing ...	c	cor°	33	45	1	1	0·1
	Brighton ...	cbc	crc	35	44	2	1	0·1
	Eastbourne†	co	or°r°	36	44	-	1	0·0
	Hastings† ...	cbcco	ood	39	44	1	0·3	0·5
	Folkestone ...	c	cor	34	44	0·5	0·4	0·6
	Dover... ...	c	cor	36	44	-	0·1	0·5
	Deal	o	coo	34	43	Trace	-	0·1
	Ramsgate ...	c	c	36	43	0·3	-	0·0
	Margate ...	bcc	c	36	43	-	-	0·0
2	Southend ...	bcc	co	33	43	0·3	-	0·5
	Maldon ...	cbc	co	33	42	-	-	1·4
	Clacton-on-Sea	cbc	bcc	32	42	-	-	1·8
	Dovercourt ...	bcm	bcmo	34	44	-	-	3·0
	Lowestoft ...	bc	bc	33	45	-	-	3·0
	Skegness ...	bccbc	bcc	32	41	Trace	Trace	1·3
	Mablethorpe	bcm°	bccbc	30	39	-	-	1·6
	Cleethorpes ...	bcm	bc	30	39	-	-	2·2
3	Leamington S.	cbc	co	29	42	0·3	-	0·1
4	Cheltenham†	mmcc	oip°	35	41	1	Trace	0·0
5	Bath	cc	crr	35	45	3	1	0·0
	Weymouth ...	c	r°r°	43	46	0·3	2	0·0
	Jersey ...	crr	rc	41	45	0·2	4	0·0
	Torquay ...	c	orrdq	34	47	-	5	0·0
	Penzance ...	cp°cr	r	41	50	-	4	0·0
	St. Ives ...	o	r	41	47	-	3	0·0
	Bude	c	ee	38	46	-	Trace	0·0
	Ilfracombe ...	co	or	40	46	1	2	0·0
6	Aberystwyth	prcbc	cpr	36	43	1	0·5	1·9
7	Llandudno ...	bccbc	cm°o	31	42	-	-	1·7
	Colwyn Bay...	bcbcb	bcccp	33	43	-	-	2·1
	Rhyl	bc	bcc	32	45	Trace	-	2·2
8	Wallasey ...	fm	m	33	39	Trace	-	0·0
	Southport‖ ...	foc	cbcco	33	46	-	-	1·3
	Blackpool ...	oc	co	33	39	-	-	0·7
	Morecambe ...	xmbcb	bcbcm	33	43	-	-	3·2
9	Ilkley... ...	o	f	31	34	-	-	0·0
	Harrogate ...	coff	off	33	33	0·2	-	0·0
10	Berwick-on-T.	o	co	32	38	-	-	0·3
11	Dunbar ...	cr°	bc	33	40	Trace	0·3	0·3
12	Troon... ...	cbcoc	rcr°o	3[illegible]	44	0·3	-	0·0
	Douglas ...	ccbcc	om°	37	42	4	-	0·4

† 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 2/10 to 3/10 clouded. Sky 4/10 to 6/10 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. 25th January, 1936.

Districts.	Forecasts
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Wind south to southeast moderate; cloudy or dull; occasional rain or drizzle; fog locally especially on hills; mild.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Wind southerly or variable, light; cloudy or dull; occasional rain or drizzle; fog on hills; mild.
10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B. N.W. Scotland.	Wind easterly moderate, veering; cloudy or dull; continuous rain till near dusk becoming intermittent; rather mild.
14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	Wind easterly moderate; cloudy or dull; continuous rain or sleet to-day, with snow on the hills, becoming intermittent; fog on the hills; rather cold becoming milder.
17 N. W. Ireland 18 N. E. Ireland	Wind easterly moderate; cloudy or dull; continuous rain till near dusk, then intermittent; fog on the hills; becoming milder.
19 S. E. Ireland 20 S. W. Ireland	Wind variable light; mainly cloudy; occasional rain; average temperature.

GENERAL INFERENCE.

Depressions over Central Ireland and the Bay of Biscay are moving slowly northwards. Weather will be cloudy or dull and rather mild. Rain will be continuous at first in Northern districts and will occur occasionally elsewhere.

FURTHER OUTLOOK.

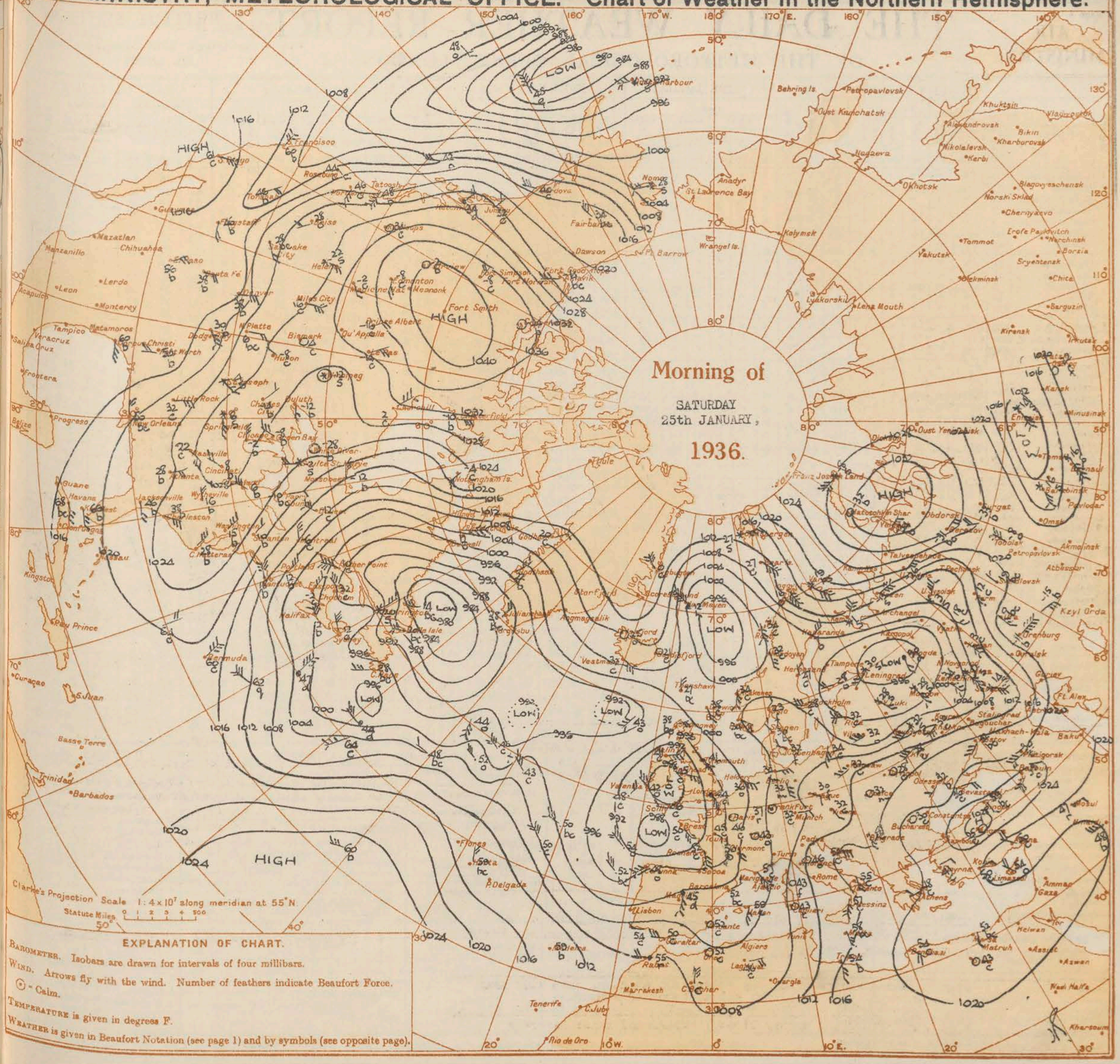
Mainly cloudy; occasional rain; fog inland.

Forecasts issued at 1000 G.M.T.

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

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

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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, 25th January, 1936.
No. 27092

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

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	995·6	−12	ESE	2	d₀d	40	95	6	–	2	–	10	10	450
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	997·4	−14	SE	3	d₀d₀	40	95	6	5	–	–	10	10	450
	Manston ...	142	997·3	−14	SE	5	r₀r₀	40	95	6	6	2	–	4-6	10	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	999·3	−18	SE'E	5	r₀r₀	40	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	991·5	−4	S	4	rr	47	95	7	5	–	–	9	9	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	989·4	+4	SSW	4	bc	48	95	8	4	–	–	2-3	2-3	2500
	Scilly (St. Mary's)	163	987·9	+8	SW'W	4	c/pr	48	95	8	8	–	–	9+	9+	2500
	Guernsey ..	175	994·0	+2	S	3	c	48	95	7	8	–	–	10	10	2500
6	Pembroke ...	142	987·6	−8	SSE	5	if	46	95	3	6	–	–	10	10	800
7	Holyhead ...	26	989·8	−18	E	4	d	41	85	6	5	–	–	10	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	997·8	−10	ESE	5	pr	40	95	7	6	–	–	10	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	998·8	−12	SE	4	0	41	85	7	6	–	–	10	10	1500
11	Inchkeith ...	190	1000·2	−6	E	3	0	37	95	7	5	–	–	10	10	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	994·3	−20	SE'S	7	rr	40	85	6	6	–	–	10	10	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	999·1	0	E	2	c	41	85	8	5	7	–	4-6	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1000·3	−4	WSW	1	bc	27	85	8	5	–	–	2-3	2-3	2500
16	Lerwick ...	156	1002·2	+2	NE	1	bc	37	85	8	5	–	–	4-6	4-6	1500
17	Blacksod Point	18	992·1	−22	ESE	4	ir	39	95	7	6	–	–	10	10	800
18	Malin Head ...	52	993·2	−20	ENE	4	c	43	85	7	8	1	–	4-6	10	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	986·6	−14	NE'E	2	c	37	95	8	5	–	–	7-8	7-8	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	994·3	−6	E	2	0 m	42	95	4	5	–	–	10	10	800	1	*
Croydon ...	993·9	−6	SE	3	ido	44	95	4	–	2	–	10	10	800	1	*
S. Farnborough	993·4	−10	SE	1	f	45	95	5	–	–	–	10	10	<150	1	*
Boscombe Down	992·8	−8	SE	3	f	45	95	3	5	–	–	10	10	1500	1	*
Calshot (Sthmtn.)	993·3	−8	E	1	c	45	95	8	5	7	–	7-8	9+	800	1	§2
Lympne ...	995·7	−10	SE'S	2	0 z₀	44	95	6	5	–	–	10	10	800	1	§1
Manston ...	995·3	−10	SSE	3	c/d	43	95	6	6	2	–	4-6	10	1500	1	*
Shoeburyness ...	995·2	−10	ESE	1	0 z₀	42	95	5	5	–	–	10	10	1500	1	*
Felixstowe ...	995·9	−10	E'S	3	ido	40	95	4	6	–	–	10	10	1500	1	1
Gorleston ...	996·5	−12	SE'E	3	rr	40	95	6	6	–	–	10	10	800	1	3
Mildenhall ...	994·0	−18	SE	2	ido	42	95	4	6	–	–	10	10	800	1	*
Cranwell ...	995·8	−18	E'S	3	drf	38	95	3	5	–	–	10	10	<150	1	*
Birmingham ...	993·7	−6	ESE	2	f	38	95	2	6	–	–	10	10	800	1	*
Upper Heyford	993·7	−6	E'N	3	d₀d₀	40	95	2	5	–	–	10	10	<150	1	*
Ross-on-Wye	992·1	−8	E'S	2	0 m	42	95	4	5	–	–	10	10	800	1	*
Portland Bill ...	991·1	−8	SSE	3	d₀d₀	47	95	6	5	–	–	10	10	1500	2	4
Plymouth ...	990·2	−10	SSE	4	c/d	49	95	8	6	–	–	9+	9+	2500	1	3
The Lizard ...	989·0	−6	SSE	2	rr	48	95	6	5	–	–	10	10	1500	1	3
Scilly (St. Mary's)	988·4	−4	W	1	c	46	95	8	8	–	–	7-8	7-8	2500	1	2
Guernsey ..	991·7	−20	SE	1	0	47	95	6	5	–	–	10	10	2500	1	2
Pembroke ...	987·4	0	S	3	c	47	95	7	8	2	–	7-8	10	1500	1	3
Holyhead ...	988·7	−4	ESE	3	c	45	85	7	5	2	–	7-8	10	1500	1	2
Chester (Sealand)	993·1	−14	SE'E	3	ido	36	95	4	–	2	–	10	10	800	3	*
Manchester ...	993·1	−18	ESE	3	ido	40	95	5	5	–	–	10	10	1500	1	*
Spurn Head ...	995·6	−6	SE	5	id	40	95	6	5	–	–	10	10	800	1	4
Catterick ...	996·0	−10	SE'E	2	rr	37	95	5	–	2	–	10	10	1500	6	*
Tynemouth ...	996·7	−14	SE	4	ir₀	41	95	7	6	–	–	10	10	1500	1	2
Inchkeith ...	997·8	−12	E	3	ir₀	39	95	8	5	–	–	10	10	1500	1	2
Leuchars ...	997·4	−16	E	3	ir₀	40	95	6	–	2	–	10	10	1500	3	*
Renfrew (Abbots I.)	994·9	−12	ENE	4	r₀r₀	38	95	5	5	–	–	10	10	2500	5	*
Eskdalemuir ...	994·8	−12	E	4	r₀r₀	36	85	6	5	–	–	10	10	800	7	*
Point of Ayre...	991·5	−4	SSE	6	r₀r₀	40	95	6	6	–	–	10	10	1500	1	4
Tiree	992·8	−20	E'N	5	c/r	40	95	7	6	2	–	4-6	10	1500	1	4
Stornoway ...	996·5	−6	ENE	2	bc	38	95	8	5	7	–	2-3	4-6	1500	1	2
Dalwhinnie ...	998·0	−16	SE	3	ss	35	95	6	6	–	–	10	10	1500	8	*
Aberdeen ...	998·9	−12	NNW	2	ir₀	32	95	6	6	–	–	10	10	800	6	1
Wick ...	998·8	−8	S	2	c	40	85	8	8	7	–	4-6	9	1500	5	1
Lerwick ...	1002·4	0	SE	2	c/pr	38	85	8	8	7	–	4-6	7-8	1500	4	*
Blacksod Point	987·7	−28	ESE	4	c	40	95	7	5	–	–	10	10	800	1	4
Malin Head ...	988·8	−22	ENE	5	c/r	41	95	6	9	–	–	10	10	1500	1	4
Aldergrove ...	988·9	−16	E	4	d₀d₀	38	95	6	6	–	–	10	10	450	2	*
Birr Castle ...	984·6	−6	SE	1	0	47	95	7	5	–	–	10	10	2500	1	*
Valentia Obsy. †	987·0	0	NNW	3	0	42	85	8	5	–	–	10	10	1500	1	2
Roches Point	986·3	+14	WNW	1	0	39	95	8	5	–	–	10	10	1500	1	4

PAST 24 HOURS.

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

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather 24 hrs. ended 9h. Morning.	Afternoon.	Night.	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Night. mm.	Sunshine to Sunset. hrs. Yesterday.	Humidity. 15h. G.M.T. %	9h. G.M.T. % To-day.	Visibility 9h.
Kew...	18	c mez	cc r₀r	cr₀ m₀	44	38	37	1	1	0·7	•	•	2
Croydon	217	bc c m₀	c z₀ r₀	od₀ id₀	44	39	37	Tr	0·5	0·5	•	•	3
Greenwich (Royal Observatory)...	149	c ⊕	cr₀ r	r r c r₀ d₀	44	38	37	1	2	0·0	69	99	1
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	0·0	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	45	39	37	3		0·0	70	98	•
Regents Pk. (Botanic Gardens)‡...	168	•	•	•	45	39	35	0·5	3	0·0	73	100	•
Camden Square	110	cf c	c r r	•	43	36	37	0·3	3	•	•	99	•
Kensington	80	bc c o	c o	•	44	39	37	Tr	3	0·0	As 18h. 73	98	•
Hampstead Observatory	450	o f r	o r	o r f	41	34	26	1	2	0·0	•	99	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 25th

South Kensington. Max.	Time.	Min.	Time.
Defective	Record.		

Kew Observatory. Max.	Time.	Min.	Time.
0·7	9 h 24th	<0·1	0 h 25th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 24th January. Barom. mb.	Wind. Direc.	Force.	Weather.	Temp. °F.	7h. G.M.T. 25th January. Barom. mb.	Wind. Direc.	Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Night mm.
Paris	1000·3	ESE	2	r₀r₀	39	997·4	–	0	c	46	39	39	2	1
Brussels	1002·1	SE'E	3	ir₀	46	997·8	S'E	3	ir₀	45	46	37	–	6
Berlin						1007·0	SE	1	0 m	30		28		–
Zurich	1011·2	ENE	1	c z₀	36	1008·2	?	*	c/ps	36	37	32	–	0·4
Rome	1015·3	ESE	7	d₀d₀	52								3	

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 26th January, 1936.
No. 27093.

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

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)	992·4	−12	E	3	rf	48	95	3	6	-	-	10	10	<150
	Croydon ...	992·7	−14	E	2	o/r	48	95	5	5	-	-	10	10	450
	S. Farnborough	992·1	−14	ESE	3	c/f	48	95	4	5	-	-	10	10	450
	Boscombe Down	990·8	−18	ESE	4	cz₀	47	95	6	5	-	-	10	10	1500
	Calshot (Sthmtn.)	991·6	−16	E	5	cz₀	45	95	6	8	7	-	4·6	10	2500
	Lympne ...	994·7	−14	SE'E	3	c	46	95	6	5	7	-	7-8	9+	4000
	Manston ...	994·4	−12	SSE	3	cz₀	48	85	6	5	1	6	4·6	9	2500
2	Shoeburyness ...	994·7	−14	ESE	3	c	44	95	5	6	1	-	7-8	10	1500
	Felixstowe ...	995·6	−4	E	3	om	44	95	4	5	-	-	10	10	1500
	Gorleston ...	996·3	−4	ESE	3	of	41	95	2	5	-	-	10	10	450
	Mildenhall ...	994·6	−10	SE	3	om	45	95	4	5	-	-	10	10	450
	Cranwell ...	994·7	−12	ESE	3	of	41	95	1	5	-	-	10	10	<150
3	Birmingham ...	992·7	−10	ESE	2	of	43	95	-	5	-	-	10	10	<150
	Upper Heyford	992·0	−22	ESE	3	of	45	95	3	5	-	-	10	10	<150
4	Ross-on-Wye	990·3	−14	E'S	3	r₀	45	95	4	6	-	-	10	10	450
5	Portland Bill ...	988·8	−20	SE	4	rr	47	95	6	5	-	-	10	10	1500
	Plymouth ...	987·0	−24	SE	4	r₀	49	95	7	5	-	-	10	10	800
	The Lizard ...	987·5	−6	NW'W	4	c/r	45	95	6	8	2	-	9	10	1500
	Scilly (St. Mary's)	988·3	−2	NW'N	3	r₀	47	95	8	9	7	-	7-8	9	1500
	Guernsey ...	989·3	−16	SSE	4	c	50	85	7	5	1	-	4-6	10	2500
6	Pembroke ...	987·1	−8	SE	2	rf	46	95	2	6	-	-	10	10	<150
7	Holyhead ...	989·1	−4	SE	1	o/r	48	85	8	9	7	-	4·6	10	2500
	Chester (Sealand)	992·2	−12	SE	2	om	37	95	4	-	2	-	10	10	450
8	Manchester ...	992·0	−20	SE'E	3	cm	44	95	4	5	7	-	4-6	9+	2500
10	Spurn Head ...	994·5	−4	ESE	4	of	40	95	2	5	-	-	10	10	<150
	Catterick ...	994·8	−12	-	0	OF	36	95	1	5	-	-	10	10	<150
	Tynemouth ...	994·9	−16	SE	3	o/r	41	95	6	6	-	-	10	10	1500
11	Inchkeith ...	995·0	−10	E	5	c	39	95	8	5	-	-	10	10	2500
	Leuchars ...	996·1	−12	E	3	rr	40	95	5	1	2	-	10	10	800
12	Renfrew (Abbots I.)	994·0	−8	E'N	4	o/r	39	85	5	5	-	-	10	10	1500
	Eskdalemuir ...	993·9	−6	ESE	3	c	37	95	6	5	-	-	10	10	800
	Point of Ayre ...	991·7	−4	SSE	3	o	42	95	6	6	-	-	10	10	1500
13A	Tiree ...	991·6	−8	E'S	4	r₀r₀	41	95	6	6	2	-	9	10	1500
13B	Stornoway ...	995·6	−12	E	5	c	41	85	8	5	7	-	7-8	9	1500
15	Dalwhinnie ...	995·9	−12	SW	2	r₀	37	85	6	4	6	-	7-8	10	2500
	Aberdeen ...	997·9	−10	SE'S	4	c	42	75	8	2	2	-	Tr	10	800
	Wick ...	996·7	−4	SSE	4	r₀	41	95	8	8	7	-	7-8	10	1500
16	Lerwick ...	1002·0	−6	SE	3	c	40	75	8	8	7	8	4·6	7-8	1500
17	Blacknod Point	987·3	+2	-	0	c	42	95	7	-	2	-	0	10	-
18	Malin Head ...	987·7	−8	E	4	cz₀	43	95	6	6	2	-	9	10	800
	Aldergrove ...	988·6	−2	E	4	dd₀	41	95	5	5	-	-	10	10	450
19	Birr Castle ...	988·2	+8	S	1	o	39	95	7	5	-	-	10	10	1500
20	Valentia Obsy. †	988·9	+6	N'E	2	r₀	43	85	6	5	-	-	10	10	1500
	Roches Point	988·8	+6	W	1	id₀	40	95	6	5	-	-	10	10	800

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

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	−8	SE	2	oz₀	48	95	5	5	-	-	10	10	1500	1	*
	Croydon ...	991·1	−6	SE	4	cz₀	48	95	5	5	2	-	4-6	9+	1500	1	*
	S. Farnborough	990·8	−4	SE	3	o	48	95	5	5	-	-	10	10	800	1	*
	Boscombe Down	989·6	−2	SE'E	4	cz₀	47	95	6	5	2	-	4-6	10	1500	1	*
	Calshot (Sthmtn.)	989·7	−12	ENE	3	c	45	95	7	5	2	-	7-8	10	1500	1	3
	Lympne ...	993·6	−6	ESE	2	rr	48	95	6	6	2	-	9	10	1500	1	§ 1
	Manston ...	993·2	−6	SE'S	4	c	47	95	6	5	2	-	9	10	2500	1	*
2	Shoeburyness ...	993·1	−6	SE'E	2	rr	44	95	6	5	-	-	10	10	1500	1	*
	Felixstowe ...	993·6	−10	E'S	2	cz₀	42	95	5	5	7	-	4-6	10	2500	1	2
	Gorleston ...	995·0	−6	SE'E	3	o	42	95	5	5	-	-	10	10	1500	1	3
	Mildenhall ...	992·2	−10	SE	3	rr₀	46	95	4	6	-	-	10	10	450	1	*
	Cranwell ...	992·6	−12	E'S	3	rf	43	95	1	6	-	-	10	10	<150	1	*
3	Birmingham ...	990·6	−6	ESE	3	r₀	44	95	4	6	-	-	10	10	800	1	*
	Upper Heyford	990·6	−6	SE	3	df	46	95	3	5	-	-	10	10	<150	1	*
4	Ross-on-Wye	989·0	−10	ESE	3	oz₀	48	95	5	6	-	-	10	10	450	1	*
5	Portland Bill ...	988·2	−2	S	3	c	48	95	7	5	7	-	4-6	7-8	1500	2	3
	Plymouth ...	988·5	+20	NW	1	cz₀	46	95	5	5	-	-	7-8	7-8	1500	1	2
	The Lizard ...	989·1	+20	WNW	3	bc	45	85	8	8	6	-	4-6	4-6	2500	1	2
	Scilly (St. Mary's)	990·1	+14	NW	5	c	46	85	8	8	-	-	9+	9+	1500	1	3
	Guernsey ...	989·4	+2	WSW	1	c	49	95	6	5	7	-	7-8	9	2500	1	2
6	Pembroke ...	986·7	0	NW	1	c	45	95	7	5	2	-	7-8	10	1500	1	2
7	Holyhead ...	987·5	−6	E'N	2	dd	43	95	5	5	-	-	10	10	800	1	2
	Chester (Sealand)	989·9	−8	ESE	1	rf	39	95	1	5	-	-	10	10	<150	3	*
8	Manchester ...	990·3	−8	ESE	3	rr	44	95	4	6	2	-	7-8	10	800	2	*
10	Spurn Head ...	992·5	−6	ESE	4	of	40	95	1	5	-	-	10	10	<150	1	3
	Catterick ...	992·6	−12	-	0	of	35	95	2	5	-	-	10	10	<150	6	*
	Tynemouth ...	993·1	−8	S	3	o	42	95	6	6	-	-	10	10	1500	1	2
11	Inchkeith ...	993·4	−8	E	3	r₀	40	95	7	6	-	-	10	10	800	1	2
	Leuchars ...	994·0	−8	E	4	c	41	95	5	5	-	-	10	10	800	1	*
12	Renfrew (Abbots I.)	992·4	−10	ENE	3	r₀r₀	38	95	5	5	-	-	10	10	800	5	*
	Eskdalemuir ...	992·1	−10	NE	3	rr	36	95	5	-	2	-	10	10	220	7	*
	Point of Ayre ...	988·9	−10	SE	4	rr	42	95	6	6	-	-	10	10	1500	1	3
13A	Tiree ...	990·2	−4	E'S	4	dd₀	42	95	6	6	2	-	9+	10	1500	1	3
13B	Stornoway ...	993·1	−8	ESE	5	bc	41	85	8	5	7	-	2-3	4-6	1500	1	3
15	Dalwhinnie ...	994·4	−4	-	0	r	37	85	6	5	-	-	10	10	2500	3	*
	Aberdeen ...	996·1	−12	SE'S	4	dd₀	40	95	6	6	2	-	7-8	10	800	6	2
	Wick ...	996·8	−20	SE	4	c	41	95	8	8	2	-	7-8	10	1500	1	3
16	Lerwick ...	1000·6	−10	ENE	2	c/r	38	95	8	5	2	-	4-6	9	1500	6	*
17	Blacknod Point	987·1	+2	-	0	c	43	95	7	-	7	-	0	10	-	1	2
18	Malin Head ...	987·6	+8	ENE	1	oz₀	44	95	6	6	-	-	10	10	800	1	2
	Aldergrove ...	988·4	−2	ESE	2	dd₀	41	95	5	5	-	-	10	10	800	6	*
19	Birr Castle ...	987·9	0	S	1	o	39	95	7	5	-	-	10	10	1500	1	*
20	Valentia Obsy. †	990·0	+10	NW	2	c/pr	44	85	8	8	5	-	4-6	7-8	1500	1	2
	Roches Point	989·5	+8	W'N	2	c	42	95	7	5	-	-	9+	9+	1500	1	3

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 25th (37)	Weather. 13h.—18h. 25th (38)	Weather. 18h. 25th to 1h. 26th (39)	Weather. 1h.—7h. 26th (40)
1	London (Kew)	of₀rf	r₀fr₀	cm₀	cm₀rr
	Croydon ...	dd₀fr₀	cr₀fr₀m₀	cr₀fm₀	r₀rrd₀kq
	S. Farnborough	ffr₀m₀	r₀rm₀₀	oir₀m₀	om₀c
	Boscombe Down	fdfc	rrpr₀c	cprbc	cbcm₀c
	Calshot (Sthmtn.)	cfecm	urr₀r₀llc	cir₀	cbc
	Lympne ...	omcm₀	cd₀rr₀	orrfr₀	orrF
	Manston ...	cm₀	cm₀	~~orrcr₀m~~	oRcm₀
2	Shoeburyness ...	om₀c	cm₀ir₀	RRrr	circ
	Felixstowe ...	cd₀om	od₀cm₀	cm₀orrm	orrff
	Gorleston ...	or₀ff	offem	or₀₀ff	orrff
	Mildenhall ...	od₀om	or₀r₀m	or₀r₀RR	oRRr₀r₀
	Cranwell ...	id₀Fe	id₀Fefed	Frrf	om
3	Birmingham ...	oFe	ofrr	ofir	oc
	Upper Heyford	d₀FF	rr₀fe	fem₀dr₀	od₀c
4	Ross-on-Wye	omir₀	rrmom	dmom₀	occ
5	Portland Bill ...	odrr	orrc	pr₀c	cc
	Plymouth ...	orr₀r₀m	orrdcm₀	cm₀pr₀b	bccm₀
	The Lizard ...	rrmir	cpr₀c	bc	pr₀c
	Scilly (St. Mary's)	dr₀r₀	cr₀c	bccbc	bcp₀
	Guernsey ...	ocpr₀c	c	codbc	bcc
6	Pembroke ...	cm₀rifc	cfrFc	cqm₀	cqpr₀
7	Holyhead ...	cir₀	r₀rd₀₀	d₀d₀d₀	id₀mc
	Chester (Sealand)	oid₀m	oRFRF	or₀fr₀f	cd₀d₀m₀
8	Manchester ...	d₀r₀cm	irfcR	rrir₀	or₀cm₀
10	Spurn Head ...	id₀ff	ff	ffr	rff
	Catterick ...	d₀d₀mofc	ofd₀d₀	ofrr	rrfof
	Tynemouth ...	oir₀	oir₀₀	oir	offo
11	Inchkeith ...	cir₀	cir₀	orrrf	rrir
	Leuchars ...	or₀r₀m₀	cir₀im₀	cm₀rr	cr₀r₀cf
12	Renfrew (Abbots I.)	r₀r₀cm₀ir₀	um₀id₀r₀r₀	cmrrr₀r₀	mr₀r₀fnd
	Eskdalemuir ...	r₀r₀c	ccrr	Rrr	irre
	Point of Ayre ...	rno	or₀rr	rroz	
13A	Tiree ...	cdrr₀	r₀dd₀	crid	ord
13B	Stornoway ...	bccid₀	cbc	cr₀r₀	cpr₀
15	Dalwhinnie ...	ssirc	irc	*	rrc
	Aberdeen ...	r₀r₀c	r₀cd₀	d₀orr	rrd₀d₀
	Wick ...	cir₀	cir₀	ir₀rr	orr
16	Lerwick ...	cpr₀bcc	cir₀	cir₀	cir
17	Blacknod Point	c	ir₀	id₀	prc
18	Malin Head ...	cm	comm₀	or₀r₀cmm	cir
	Aldergrove ...	odd₀idd	ord₀d₀m₀	cd₀cir₀	cd₀ff
19	Birr Castle ...	od₀d₀o	o	odd	odbcx
20	Valentia Obsy. †	oc₀ir₀	r₀prc	pr₀prbc	pr₀bc
	Roches Point	oid₀	oid₀c	oid₀c	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/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.*

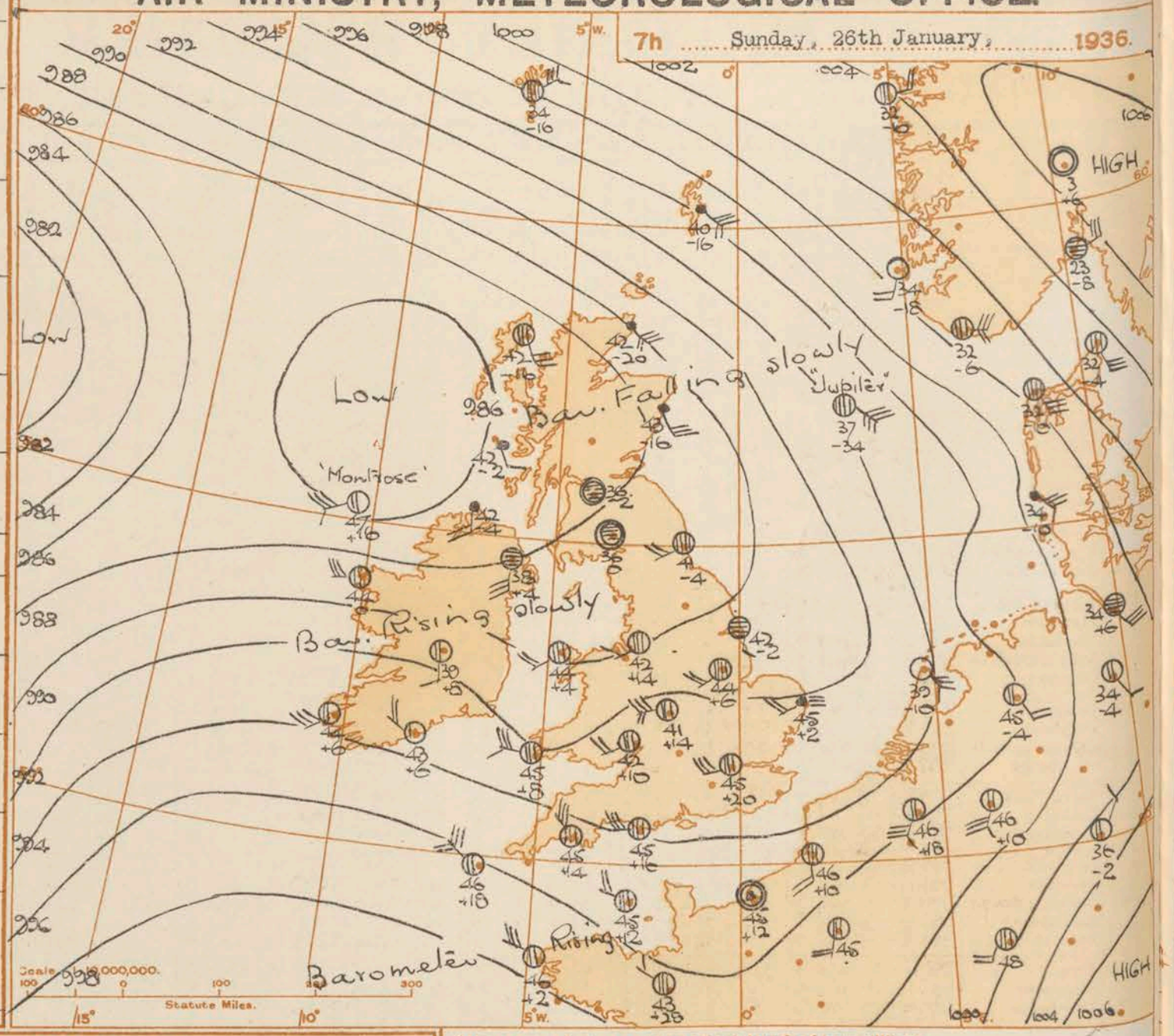
§ Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 25th January 1936.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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 Sunset. 25th
1	Tunbridge W.	moco	oor	38	48	1	1	0·1
	Bournemouth	o	oro	41	47	8	2	0·0
	Ventnor ...	rompo	rov	41	47	7	1	0·0
	Southsea ...	oor	oroc	40	48	4	1	0·0
	Bognor Regis	ccor	rrro	41	46	5	1	0·0
	Littlehampton	c	crc	41	47	5	2	0·0
	Worthing ...	c	cro.c	41	47	5	1	0·0
	Brighton ...	cbc	c.rc	39	49	4	2	0·1
	Eastbourne†	ocro	orro	41	47	3	2	0·1
	Hastings† ...	occp.c	codrr	41	48	2	4	0·4
	Folkestone ...	om.o	ocoor	39	50	3	Trace	0·3
	Dover... ...	c	cor	40	49	3	Trace	0·0
	Deal	o	co	35	48	1	-	0·1
	Ramsgate ...	cm	cm	40	46	3	-	0·0
	Margate ...	c	c	40	48	3	-	0·0
2	Southend ...	o	cor.	38	48	3	Trace	0·0
	Maldon ...	rmo	or	39	44	3	0·3	0·0
	Clacton-on-Sea	ocm	cz	39	44	3	-	0·0
	Dovercourt ...	rock	moc	40	45	3	-	0·0
	Lowestoft ...	coir	ofec	39	44	5	-	0·0
	Skegness ...	od.f	od.f	34	41	3	0·2	0·0
	Mablethorpe	oid.m	oidmf	33	40	1	Trace	0·0
	Cleethorpes ...	odm.	oem.	32	40	1	0·1	0·6
3	Leamington S.	mo	oro	35	46	5	1	0·0
4	Cheltenham†	om.e	oirom	37	48	2	0·5	0·0
5	Bath	fcr	rcd	39	49	0·5	1	0·0
	Weymouth ...	c	rcc	43	49	4	1	0·0
	Jersey ...	pc	pc	46	51	0·1	0·5	0·0
	Torquay ...	rpor	orpoc	43	50	4	4	0·0
	Penzance ...	r	ribcb	45	49	4	3	0·9
	St. Ives ...	pr	c	44	48	6	4	0·0
	Bude	r	dr	41	48	1	6	0·0
	Ilfracombe ...	ocr	orzo	43	51	1	3	0·6
6	Aberystwyth	cpr	orr	39	47	1	4	0·0
7	Llandudno ...	co	ororm	36	43	3	5	0·0
	Colwyn Bay...	cco	oprnor	36	44	3	1	0·0
	Rhyl	cr	cr	32	43	4	3	0·0
8	Wallasey ...	fdo	or	34	44	3	4	0·0
	Southport‖ ...	om	omrr	37	48	3	3	0·0
	Blackpool ...	o	or	35	42	3	2	0·0
	Morecambe ...	c	cir	33	43	Trace	0·3	0·0
9	Ilkley... ...	ofed.	od.fe	31	38	8	2	0·0
	Harrogate ...	Fd.	Fd.	32	38	4	1	0·0
10	Berwick-on-T.	o	do	34	41	-	0·2	0·0
11	Dunbar ..	cd.	cd.m.	35	41	-	0·3	0·0
12	Troon... ...	ccoco	coroc	36	41	2	1	0·0
	Douglas ...	omoid	m.IR	37	42	4	4	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. 26th January, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light or moderate westerly wind; fair after rain or drizzle and local fog on coast at first; mild.
5 S.W. England 6 South Wales ...	Moderate or fresh west to northwest wind, backing south tomorrow; fair at first, rain tomorrow; mild.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England	Light variable wind, becoming light or moderate westerly; dull with some rain and local fog at first; mild.
11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland	Light variable wind, becoming westerly; dull, some rain; hill fog; mild.
15 N. E. Scotland 16 Orkneys and Shetlands	Fresh southeast to south wind; dull, some rain; hill fog; mild.
17 N. W. Ireland 18 N. E. Ireland	As 7 - 10.
19 S. E. Ireland 20 S. W. Ireland	Moderate westerly wind, backing south and freshening; mainly fair at first with local showers; dull and rainy tomorrow; mild.

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

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 1/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. 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 depression off the West Coast of Scotland with an associated trough extending southeastwards is moving north. A depression in Mid Atlantic is approaching the British Isles. There will be rain or drizzle and local hill fog in Scotland, Northern Ireland and Northern England while an interval of mainly fair weather in the South will spread northwards. It will continue mild in all districts.

FURTHER OUTLOOK.

Rain in the West spreading eastwards; 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.

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, 26th January, 1936.
No. 27093.

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

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	990·6	-6	S'E	3	ro ro	48	95	6	6	2	-	9	10	800
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	991·8	-14	S'E	2	ir o	46	95	6	6	2	-	9	10	450
	Manston ...	142	991·3	-14	SE	2	ir o	46	95	6	5	2	-	2-3	4-6	2500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	992·7	-12	S'E	2	f	42	95	2	6	-	-	10	10	450
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	991·1	+8	NW	3	c	46	95	8	4	-	-	9	9	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	992·6	+6	WNW	3	bc	44	85	8	4	-	-	2-3	2-3	2500
	Scilly (St. Mary's)	163	992·9	+20	NW'W	4	bc	46	85	7	8	-	-	4-6	4-6	4000
	Guernsey ..	175	991·8	+10	NW	1	bc	46	85	6	-	2	-	0	2-3	-
6	Pembroke ...	142	989·5	+6	WNW	3	c	44	85	6	5	-	-	9+	9+	2500
7	Holyhead ...	26	988·3	+6	WSW	2	ir o	44	95	6	5	-	-	10	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	990·3	-6	SSE	4	rf	42	95	1	5	-	-	10	10	4150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	989·9	-16	SSE	3	c/r	42	95	6	6	-	-	10	10	1500
11	Inchkeith ...	190	990·9	-20	E	2	rr	40	95	7	6	-	-	10	10	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	987·9	-2	S	3	zo	43	95	6	6	-	-	10	10	800
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	990·6	-12	E	5	c/r	42	85	7	5	2	-	7-8	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	994·3	-16	SE	5	rr	42	95	7	6	2	-	7-8	10	800
16	Lerwick ...	156	993·1	-12	ESE	3	c/r	40	85	8	8	2	-	4-6	10	800
17	Blacksod Point	18	988·2	+8	W	3	bc	44	85	8	5	-	-	4-6	4-6	1500
18	Malin Head ...	52	987·3	-6	SSE	1	zo	42	95	5	6	-	-	10	10	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	991·9	+10	W	4	bc	48	75	8	9	-	-	4-6	4-6	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
London (Kew)	993·4	+20	WSW	2	zo	45	95	6	5	-	-	10	10	800	1	*
Croydon ...	993·0	+20	W'S	3	c/d	45	85	7	5	-	-	9+	9+	2500	1	*
S. Farnborough	993·6	+16	W	2	c	44	85	7	5	-	-	9+	9+	1500	1	*
Boscombe Down	994·3	+18	SW'S	2	c	40	95	7	5	-	-	9+	9+	1500	1	*
Calshot (Sthmtn.)	993·8	+10	WSW	2	bc	43	95	7	5	3	-	4-6	4-6	2500	1	2
Lympne ...	993·8	+14	SW'S	3	F	46	95	1	-	-	-	10	10	4150	1	1
Manston ...	992·8	+12	S	2	zo	46	95	6	5	-	-	9	9	1500	1	*
Shoeburyness ...	993·0	+10	SW'S	3	c	46	95	6	5	-	-	10	10	1500	1	*
Felixstowe ...	992·5	+10	SW'S	2	df	43	85	3	5	-	-	10	10	800	1	1
Gorleston ...	992·1	+2	SW	2	rf	45	95	2	6	-	-	10	10	460	1	2
Mildenhall ...	991·7	+8	SW'S	3	c/r	46	95	5	6	2	-	4-6	10	1500	1	*
Cranwell ...	991·1	+6	SW	2	m	44	95	4	5	-	-	10	10	800	1	*
Birmingham ...	992·7	+14	WSW	5	c	41	95	8	5	-	-	10	10	1500	1	*
Upper Heyford	992·9	+18	SW'S	2	zo	42	95	6	5	-	-	10	10	1500	1	*
Ross-on-Wye	992·8	+10	WSW	2	c	42	75	7	5	-	-	7-8	7-8	2500	1	*
Portland Bill ...	994·1	+16	WNW	3	c	45	85	8	4	-	-	7-8	7-8	2500	1	3
Plymouth ...	995·6	+12	-	0	zo	43	95	6	5	-	-	7-8	7-8	2500	1	2
The Lizard ...	995·4	+14	NW	3	c/pr	45	95	8	8	2	-	4-6	10	1500	1	2
Scilly (St. Mary's)	996·0	+18	NW'N	5	bc	46	85	8	3	6	-	2-3	4-6	2500	1	3
Guernsey ..	995·8	+12	WNW	2	c	45	85	7	8	7	-	4-6	7-8	2500	1	3
Pembroke ...	991·9	+8	WNW	4	c	45	85	7	5	-	-	7-8	7-8	2500	1	3
Holyhead ...	990·2	+4	SW	2	c	44	95	6	5	-	-	9+	9+	800	1	1
Chester (Sealand)	991·3	+12	WNW	2	zo	42	75	6	5	2	-	9	10	2500	3	*
Manchester ...	991·0	+14	SW	1	zo	42	95	6	5	-	-	10	10	800	2	*
Spurn Head ...	989·9	-2	S'W	2	F	42	95	1	5	-	-	10	10	4150	1	1
Catterick ...	989·6	-4	-	0	f	36	95	3	-	-	-	10	10	4150	6	*
Tynemouth ...	988·6	-4	WSW	2	o	41	95	6	6	-	-	10	10	1500	1	2
Inchkeith ...	988·3	-8	E	2	ir	39	95	7	5	-	-	10	10	800	1	1
Leuchars ...	986·0	-10	W	1	cf	38	95	3	5	7	-	7-8	10	1500	1	*
Renfrew (Abbots I.)	989·1	-2	-	0	of	36	85	2	5	-	-	10	10	800	5	*
Eskdalemuir ...	988·6	0	-	0	f	36	95	2	-	-	-	10	10	4150	3	*
Point of Ayre...	989·0	+4	W'S	3	o	41	95	7	6	-	-	10	10	1500	1	2
Tiree	986·3	-8	ESE	3	dodo	42	95	6	5	2	-	7-8	10	1500	1	*
Stornoway ...	987·3	-16	ESE	3	c	42	75	8	5	7	-	4-6	9+	1500	1	2
Dalwhinnie ...	988·9	-10	SW	2	c	38	95	6	5	-	-	10	10	2500	3	*
Aberdeen ...	988·4	-16	SE'S	3	dodo	43	95	5	5	-	-	10	10	450	1	2
Wick ...	990·1	-20	SE	5	rr	42	95	6	5	-	-	10	10	800	1	3
Lerwick ...	996·0	-16	ESE	5	ir	40	95	8	6	2	-	4-6	10	800	2	*
Blacksod Point	989·2	0	W	3	bc	44	95	8	4	-	-	4-6	4-6	1500	1	3
Malin Head ...	986·3	-4	S	2	ir o	42	95	6	9	-	-	9+	9+	1500	1	1
Aldergrove ...	988·5	+4	S'W	3	f	38	95	3	-	-	-	0	10	4150	1	*
Birr Castle ...	991·6	+8	S'W	1	bc	39	95	8	5	-	-	4-6	4-6	2500	1	*
Valentia Obsy. †	993·6	+6	SW	3	bc/pr	44	85	8	5	-	-	2-3	2-3	1500	1	3
Roches Point	993·8	+6	WNW	2	b	43	75	8	5	-	-	Tr	Tr	2500	1	3

PAST 24 HOURS.

Stations	Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 25th Hrs. (36)
London (Kew)	49	45	41	0·2	2	0·0
Croydon ...	49	45	43	1	3	0·0
S. Farnborough	48	44	42	1	Tr	0·0
Boscombe Down	47	40	35	1	0·3	0·0
Calshot (Sthmtn.)	46	42	39	1	0·1	0·0
Lympne ...	48	45	44	6	16	0·2
Manston ...	48	45	43	-	10	0·0
Shoeburyness ...	45	43	42	0·1	15	0·0
Felixstowe ...	45	42	41	Tr	12	0·0
Gorleston ...	42	40	39	0·2	8	0·0
Mildenhall ...	47	45	43	0·3	12	0·0
Cranwell ...	43	42	41	0·3	1	0·0
Birmingham ...	45	41	39	3	1	0·0
Upper Heyford	46	42	41	1	0·2	*
Ross-on-Wye	48	42	38	3	0·1	0·0
Portland Bill ...	49	44	*	1	Tr	*
Plymouth ...	50	42	34	7	Tr	0·0
The Lizard ...	48	43	*	10	0·1	*
Scilly (St. Mary's)	47	43	*	3	Tr	0·0
Guernsey ..	51	44	35	0·6	1	0·0
Pembroke ...	47	43	*	6	Tr	0·0
Holyhead ...	48	43	41	2	1	0·0
Chester (Sealand)	39	38	35	4	0·5	0·0
Manchester ...	45	42	40	5	3	0·0
Spurn Head ...	40	39	*	0·4	9	0·0
Catterick ...	37	34	34	2	8	0·0
Tynemouth ...	42	41	40	1	5	0·0
Inchkeith ...	41	38	38	0·4	16	0·0
Leuchars ...	41	38	35	4	15	0·0
Renfrew (Abbots I.)	39	35	34	0·6	9	0·0
Eskdalemuir ...	38	35	33	1	18	0·0
Point of Ayre...	42	40	*	4	4	0·0
Tiree	42	40	40	2	4	0·0
Stornoway ...	42	40	*	Tr	0·1	0·2
Dalwhinnie ...	37	34	31	3	10	0·0
Aberdeen ...	42	40	38	2	20	0·0
Wick ...	43	39	*	0·3	8	*
Lerwick ...	40	37	*	Tr	1	0·1
Blacksod Point	45	39	*	Tr	2	*
Malin Head ...	45	40	*	-	2	0·0
Aldergrove ...	42	36	35	1	1	0·0
Birr Castle ...	44	35	30	1	1	0·0
Valentia Obsy. †	46	42	35	0·6	1	0·1
Roches Point	42	41	*	0·2	Tr	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon.	Weather. Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	of or f	or o f c r o	cm o	49	45	41	0·2	2	0·0	*	*	6
Croydon	217	do d o f f r o	o c r o r m o	c r o r m o	49	46	43	1	3	0·0	*	*	6
Greenwich (Royal Observatory)	149	o f i d o m	c i d o r d c	c r o r d	49	42	37	0·5	3	0·0	93	94	4
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park)	27	*	*	*	51	43	36	3		0·0	86	91	*
Regents Pk. (Botanic Gardens)‡	148	*	*	*	50	43	35	0·2	2	0·0	81	84	*
Camden Square	110	of e d	c r o	*	49	43	36	0·3	2	*	*	87	*
Kensington	80	bc	o d	*	49	43	35	0·3	2	0·0	As 12h. 86	87	*
Hampstead Observatory	450	of	or	or b	49	41	35	1	0·3	0·0	*	95	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.

Kew Observatory. Max.	Time.	Min.	Time.
0·8	10 hrs 25th	0·1	6 hrs 26th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 25th January. Barom. mb	Wind. Direc.	Wind. Force	Weather.	Temp. °F.	7h. G.M.T. 26th January. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris ...	994·2	SSE	1	ir o	50	997·0	SSW	2	c	45	54	36	0·3	2
Brussels	995·3	SE	3	c	50	996·0	SSW	4	bc	46	52	46	0·1	Tr
Berlin	1005·0	ESE	2	do do	36	1002·3	ESE	2	bc zo	34	37	34	Tr	0·2
Zurich	1005·2	NNW	1	bc zo	37	1004·3	N	1	m	34	43	34	-	-
Rome		E	3	bc	57	1000·6	ESE	3	c	57	*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 27th January, 1936.
No. 27094.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	996·2	+8	WSW	3	bcz₀	47	75	6	1	-	-	4-6	4-6	4000
	Croydon ...	996·2	+8	WSW	3	bcz₀	48	65	6	2	-	-	4-6	4-6	4000
	S. Farnborough	996·5	+4	WSW	3	c	48	75	6	8	-	-	9	9	2500
	Boscombe Down	996·7	+6	WSW	4	c	46	85	6	5	-	-	7-8	7-8	4000
	Calshot (Sthmtn.)	997·1	+6	SW'S	3	cz₀	47	85	6	5	-	-	7-8	7-8	2500
	Lympne ...	997·0	+10	WSW	3	bc	45	75	7	7	5	1	Tr	4-6	1500
	Manston ...	995·6	+8	S'W	3	bc	48	75	7	5	3	1	4-6	7-8	2500
2	Shoeburyness ...	996·0	+14	WSW	2	cz₀	46	75	6	3	7	-	4-6	7-8	4000
	Felixstowe ...	995·4	+10	SW'S	2	bcz₀	46	85	6	8	3	4	2-3	4-6	2500
	Gorleston ...	994·6	+10	WSW	3	c	46	85	6	5	-	-	9+	9+	2500
	Mildenhall ...	995·0	+14	WSW	3	cz₀	47	85	6	5	7	-	Tr	9+	1500
	Cranwell ...	993·9	+8	WSW	3	cz₀	43	85	6	5	-	-	9+	9+	2500
3	Birmingham ...	994·9	+8	WSW	3	c	43	85	6	5	-	-	9	9	4000
	Upper Heyford	995·5	+10	SW'W	4	cz₀	45	85	6	5	-	-	9+	9+	2500
4	Ross-on-Wye	995·4	+8	W'S	3	c	46	75	8	5	-	-	9+	9+	4000
5	Portland Bill ...	997·1	+12	WNW	4	bc	48	85	8	4	-	-	2-3	2-3	2500
	Plymouth ...	997·6	+2	W'S	3	bc	48	85	7	7	-	-	4-6	4-6	2500
	The Lizard ...	998·1	+4	WSW	4	bc	50	85	8	8	3	-	4-6	4-6	2500
	Scilly (St. Mary's)	998·2	-2	W	4	bc	51	85	8	8	-	8	2-3	4-6	2500
	Guernsey ..	999·2	+10	W'N	2	c/r	46	85	6	8	7		4-6	7-8	2150
6	Pembroke ...	994·8	+2	W	3	bc	47	75	7	5	4	-	4-6	4-6	2500
7	Holyhead ...	992·6	-2	WSW	3	b	47	75	8	2	3	-	Tr	1	2500
	Chester (Sealand)	993·7	+6	W'S	2	cz₀	47	75	6	5	6	-	9	9	4000
8	Manchester ...	993·1	+2	WSW	2	oz₀	43	85	5	5	-	-	10	10	2500
10	Spurn Head ...	992·5	+6	WSW	3	fq	42	95	8	5	-	-	7-8	10	800
	Catterick ...	991·3	+8	W	1	bc	44	75	7	2	5	4	4-6	4-6	2500
	Tynemouth ...	990·1	+8	W	2	cm	42	95	4	9	-	-	9	9	1500
11	Inchkeith ...	989·3	+6	SW	2	oz₀	40	95	6	5	-	-	10	10	800
	Leuchars ...	988·5	+2	SW	3	c	40	95	5	5	3	-	9	10	1500
12	Renfrew (Abbotsl.)	989·7	+2	SW	2	oz₀	40	95	5	5	-	-	10	10	450
	Eskdalemuir ...	990·8	+6	SW	3	of	36	95	2	5	-	-	10	10	1150
	Point of Ayre...	991·1	+8	W	4	bc	46	85	7	5	-	-	4-6	4-6	1500
13A	Tiree	986·5	+2	SSW	4	c	43	95	6	5	7	-	4-6	9+	1500
13B	Stornoway ...	986·2	-8	SSW	2	c	44	86	9	5	7	-	4-6	10	1500
15	Dalwhinnie ...	988·6	0	-	0	c	38	95	6	4	6	1	4-6	10	2500
	Aberdeen ...	987·4	-4	SSW	1	c/f	41	95	4	5	1	-	9	10	4000
16	Wick ...	986·7	-16	SE	4	fq	44	95	6	5	-	-	10	10	800
	Lerwick ...	992·8	-20	ESE	6	rr	39	95	6	6	-	-	10	10	800
17	Blacksod Point	990·2	-4	W	3	bc	47	75	8	2	-	1	2-3	4-6	1500
18	Malin Head ...	988·2	+2	S	3	bc	45	95	7	8	5	-	2-3	4-6	2500
	Aldergrove ...	990·4	-2	SSW	3	bc	41	95	7	7	7	-	2-3	2-3	4000
19	Birr Castle ...	993·5	+4	S	1	b	46	85	8	-	-	-	0	0	-
20	Valentia Obsy. †	992·8	-22	S'W	5	c	47	85	8	8	2	-	7-8	10	1500
	Roches Point	995·[illegible]	-2	SW	2	c	47	85	8	5	-	8	1	7-8	1500

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

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)	998·8	+18	SW	2	cz₀	45	85	6	4	-	8	4-6	9	2500	1	*
	Croydon ...	998·4	+14	WSW	3	cz₀	45	85	6	5	-	-	9	9	4000	1	*
	S. Farnborough	999·1	+18	SW'W	1	bc	42	85	6	5	-	-	4-6	4-6	2500	1	*
	Boscombe Down	999·3	+16	SW	1	bc	41	95	7	5	-	-	2-3	2-3	2500	1	*
	Calshot (Sthmtn.)	999·4	+12	SW'S	2	bc	44	95	7	5	3	-	2-3	2-3	2500	1	2
	Lympne ...	999·5	+14	WSW	2	cz₀	42	85	6	5	3	1	4-6	7-8	4000	1	§ 1
	Manston ...	999·0	+20	SW	2	bc	39	95	7	5	-	-	7-8	7-8	2500	1	*
2	Shoeburyness ...	998·7	+18	SW'W	2	c	45	85	6	5	-	-	10	10	4000	1	*
	Felixstowe ...	998·1	+20	SW	2	cz₀	44	85	5	5	3	-	4-6	7-8	2500	1	2
	Gorleston ...	997·7	+16	SSW	2	c	45	85	6	5	-	-	10	10	2500	1	2
	Mildenhall ...	997·5	+22	W'S	2	oz₀	45	85	6	5	-	-	10	10	2500	1	*
	Cranwell ...	996·8	+26	SW	2	om	43	85	4	5	-	-	10	10	2500	1	*
3	Birmingham ...	997·3	+18	SSW	2	bc	41	85	5	5	-	-	1	1	1500	1	*
	Upper Heyford	998·3	+20	SW	3	bcz₀	40	95	6	-	-	5	0	2-3	-	1	*
4	Ross-on-Wye	997·3	+8	SW	2	bc	42	85	7	5	-	-	4-6	4-6	2500	1	*
5	Portland Bill ...	999·5	+10	WSW	3	bc	47	95	8	4	-	-	2-3	2-3	2500	1	3
	Plymouth ...	998·9	+8	SW'W	4	cjp	47	95	7	8	-	2	4-6	7-8	1500	1	3
	The Lizard ...	999·5	+4	SW	4	bc	46	95	8	8	4	-	4-6	4-6	2500	1	2
	Scilly (St. Mary's)	997·1	-6	SW	5	c	47	85	8	8	3	3	4-6	9	2500	1	2
	Guernsey ..	1000·8	+20	WSW	1	bc	45	95	7	5	-	-	4-6	4-6	2500	1	2
6	Pembroke ...	994·9	+4	SW	3	bc	46	95	7	5	6	-	2-3	4-6	2500	1	3
7	Holyhead ...	993·7	+2	SW'S	3	bc	45	85	8	5	-	5	1	4-6	4000	1	2
	Chester (Sealand)	995·4	+12	S'W	2	bz₀	41	85	6	5	-	-	1	1	4000	2	*
8	Manchester ...	995·2	+18	SW	2	bcz₀	40	95	6	5	-	-	4-6	4-6	2500	1	*
10	Spurn Head ...	994·9	+10	WSW	3	c	42	95	6	5	2	-	7-8	10	1500	0	2
	Catterick ...	993·7	+16	-	0	c	38	95	7	8	7	-	7-8	9	2500	6	*
	Tynemouth ...	992·6	+12	W	1	c	44	75	6	6	-	-	7-8	7-8	1500	1	1
11	Inchkeith ...	989·9	+2	SW	2	bc	40	95	7	5	-	-	4-6	4-6	1500	0	1
	Leuchars ...	989·4	+4	SSW	3	cf	38	95	3	5	1	-	7-8	9+	1500	1	*
12	Renfrew (Abbotsl.)	990·1	+6	SW	2	bcz₀	39	95	6	5	-	-	2-3	2-3	1500	2	*
	Eskdalemuir ...	991·3	+6	SW'W	3	c	37	95	5	5	-	-	9+	9+	450	3	*
	Point of Ayre...	992·1	+4	WSW	4	bc	42	85	8	4	-	-	2-3	2-3	2500	1	2
13A	Tiree	986·5	+4	SSW	4	b	43	95	8	8	4	-	1	1	2500	1	3
13B	Stornoway ...	983·8	-8	SSW	5	c	45	75	7	8	7	-	4-6	10	1500	1	2
15	Dalwhinnie ...	988·5	+4	SW	?	c	36	95	6	4	6	-	7-8	9+	2500	6	*
	Aberdeen ...	988·0	+8	SW	2	cz₀	39	95	6	5	-	-	7-8	7-8	5700	1	1
16	Wick ...	985·8	-4	SW	3	c	40	95	7	5	2	-	9+	10	1500	1	2
	Lerwick ...	988·5	-20	ESE	5	rr	40	95	6	6	-	-	10	10	800	1	*
17	Blacksod Point	987·1	-34	S	5	c	46	75	8	9	-	-	7-8	7-8	800	1	3
18	Malin Head ...	987·8	-2	S	3	bc	41	95	8	5	-	-	2-3	2-3	2500	1	1
	Aldergrove ...	990·7	-2	S'W	4	bc	41	85	8	4	-	-	7-8	7-8	2500	1	*
19	Birr Castle ...	990·6	-16	SSE	1	c	43	95	8	5	2	-	9	10	2500	1	*
20	Valentia Obsy. †	986·0	-42	SSE	6	rr	45	85	6	6	2	-	7-8	10	1500	1	4
	Roches Point	991·6	-20	SSW	4	rr	46	85	7	6	-	-	10	10	800	1	3

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 26th. (37)	Weather. 13h.—18h. 26th. (38)	Weather. 18h.—1h. 26th to 27th. (39)	Weather. 1h.—7h. 27th. (40)
1	London (Kew)	cbcm₀	bccm₀	cbcm₀	cm₀
	Croydon ...	cbbcm₀	bcuz₀	c-bm(rw)	bw'c
	S. Farnborough	cbum₀c	ccbc	bcm₀b	bbrc
	Boscombe Down	cpr₀c	cpr₀bc	bpr₀b	br₀₀c
	Calshot (Sthmtn.)	bcbm₀	cm₀bcN	bcb	bbcc
	Lympne ...	Fcbc	bcbm₀	bcbm₀w	bwbcb
	Manston ...	cm₀	cbbc	cbm₀	bm₀bc
2	Shoeburyness ...	id₀z₀	bccm₀	cm₀bc	bcpc
	Felixstowe ...	od₀ffbc	bccz₀	cz₀bbc	bc
	Gorleston ...	orfc	cz₀z₀	cbcz₀	bzofm
	Mildenhall ...	cm₀	cm₀	cpcm₀	bccm₀
	Cranwell ...	cbm₀c	bcm₀c	c-bm-	bcm₀c
3	Birmingham ...	cbcc	cbc	bbc	bcc
	Upper Heyford	cbcc	cbcp	bcbm₀	bbcer₀
4	Ross-on-Wye	cc	ccbcb	bccp₀bc	cor
5	Portland Bill ...	cbc	bcpr	bcbc	crr
	Plymouth ...	cpr₀bm₀bc	bc ⊕	bcpr₀c	comcr₀
	The Lizard ...	cprbc	bc	bcco	orrpr
	Scilly (St. Mary's)	bcp₀q	bccp₀	corr	rrcpq
	Guernsey ..	czoir	cbcbc	bcbbc	bcorf
6	Pembroke ...	cqirbc	bcpr₀cbc	cqirc	aqm₀rrb
7	Holyhead ...	cm₀d₀r₀	b₀bc	bcoc	cirm₀
	Chester (Sealand)	cm₀	cbm₀	bm₀	bccr₀m₀
8	Manchester ...	cm₀	ccpr₀	bbccr₀	cr₀
10	Spurn Head ...	fm	mc	bc	bcoff
	Catterick ...	cfcmbc	bccm₀c	cicb	bccofm
	Tynemouth ...	offcm	cm	cbc	bco
11	Inchkeith ...	irc	z₀cbc	cbc	bcc
	Leuchars ...	cfcm₀	cm₀cf	cfbm₀	bm₀cr₀
12	Renfrew (Abbotsl.)	fofdu	bccpr₀b	bccm₀	cm₀rc
	Eskdalemuir ...	ofdfe	dfe	cofe	r₀rr
	Point of Ayre...	oc	cbc	bcor₀	r₀rr
13A	Tiree	cid₀	prsbc	bbc	bcc
13B	Stornoway ...	c	cpr₀	cprbc	pccpr₀
15	Dalwhinnie ...	irc	irbc	*	irc
	Aberdeen ...	dfe	cmbc	bcbm₀	b-cr₀c
16	Wick ...	om₀	c	cbc	bc
	Lerwick ...	corrm₀	orrm₀	orrc	c
17	Blacksod Point	pr₀bc	prc	R	iR₀
18	Malin Head ...	bc	bc	bcc	cir
	Aldergrove ...	ofcr₀m₀	bc	bxcr₀	cr₀c-RR
19	Birr Castle ...	bcb	bbcc	corr	orrbc
20	Valentia Obsy. †	prbcc	r₀r₀rr	rRRrrc	pr₀bcphrc
	Roches Point	bbcc	coir	rrRR	rrcbc

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.*

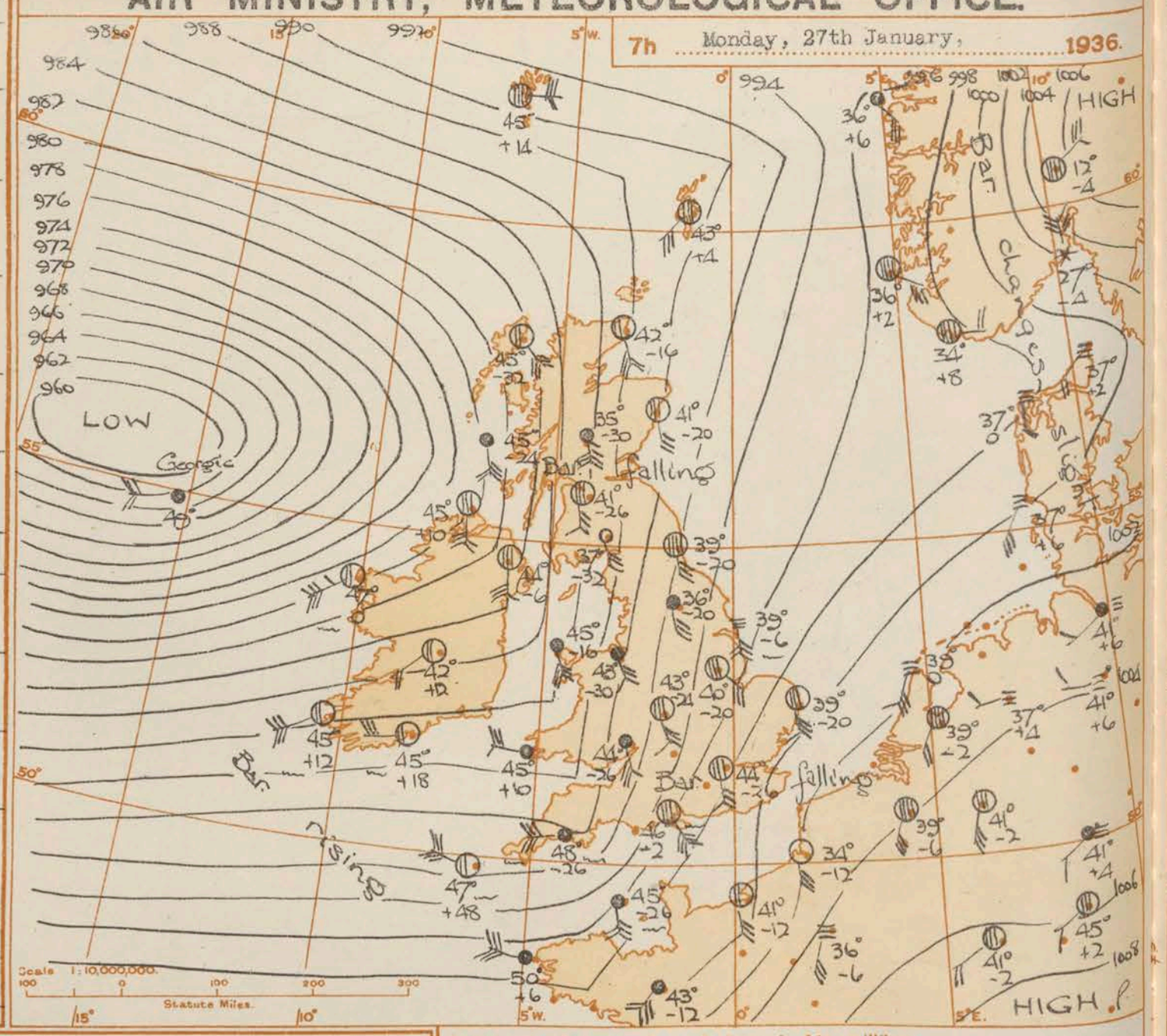
† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 26th January 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 Sunset. 26th
1	Tunbridge W.	b	bbcc	41	47	2	–	4·6
	Bournemouth	c	cbc	40	49	–	–	3·0
	Ventnor ..	ombcz	cbbc	41	47	Trace	–	3·6
	Southsea ...	bc	cbbcc	41	48	–	–	4·9
	Bognor Regis	bcbb	bcbc	45	48	1	–	4·8
	Littlehampton	bc	bcc	41	47	2	–	4·3
	Worthing ...	b	bbcc	42	47	3	–	4·9
	Brighton ...	cb	b	42	46	5	–	4·6
	Eastbourne†	bcb	bbcc	43	48	5	–	4·6
	Hastings‡ ...	bcbb	bbc	44	49	6	–	4·5
	Folkestone ...	ofoc	bcbbc	44	49	17	–	2·8
	Dover... ...	moc	cbbcm	45	49	13	–	2·7
	Deal	co	b	45	48	9	–	2·0
	Ramsgate ...	cbc	bc	43	48	9	–	2·7
	Margate ...	c	bc	46	49	10	–	2·5
2	Southend ...	bcmb	bmbco	43	46	15	–	4·1
	Maldon ...	cbc	bcco	42	47	15	–	3·9
	Clacton-on-Sea	ocm	cbccm	41	46	10	–	2·0
	Dovercourt ...	roc	bcm	42	48	10	Trace	2·5
	Lowestoft ...	roc	c	42	48	11	–	0·5
	Skegness ...	ofbc	moc	38	45	14	–	0·2
	Mablethorpe	om₀	om₀	39	45	11	–	0·0
	Cleethorpes ...	ocm	om₀	39	45	11	–	0·0
3	Leamington S.	oc	c	42	46	Trace	–	1·7
4	Cheltenham†	cqbcc	bcpb	37	48	0·5	0·3	1·8
5	Bath	cbc	cbcb	39	48	Trace	–	2·2
	Weymouth ...	cb	bcb	41	51	–	–	4·2
	Jersey ...	bbc	cbc	46	50	–	–	4·3
	Torquay ...	bcWb	bcp₀b	38	51	–	Trace	4·5
	Penzance ...	b	bpbb	45	52	2	0·2	6·7
	St. Ives ...	b	c	43	49	3	–	6·3
	Bude	bc	bc	44	50	0·3	–	4·4
	Ilfracombe ...	cpb	cbc	44	49	0·4	–	3·5
6	Aberystwyth	c	bcc	42	47	2	–	2·6
7	Llandudno ...	cn₀bc	bc	41	47	0·5	Trace	2·5
	Colwyn Bay...	ccbcb	bcbcb	38	46	4	–	1·9
	Rhyl	bccr₀	cbcb	38	47	1	Trace	2·6
8	Wallasey ...	mbc	bm	40	46	1	–	2·4
	Southport‖ ...	omo	ombc	40	45	1	–	1·7
	Blackpool ...	oc	cbc	40	45	4	–	1·2
	Morecambe ...	rcmbb	bccbc	41	44	9	–	1·1
9	Ilkley... ...	o	o	34	42	4	–	0·0
	Harrogate ...	cbc	bccrr	39	41	8	Trace	0·9
10	Berwick-on-T.	oc	c	38	42	3	Trace	0·2
11	Dunbar ..	cm₀₆	bc	38	45	·5	Trace	0·8
12	Troon... ...	rrooc	cbcbb	39	45	14	–	0·4
	Douglas ...	ocb	cb	39	48	5	–	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 5/10 clouded. Sky 7/10 to 9/10 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. 27th Jan, 1936
1 S.E. England 2 E. England ... 3 E. Midlands ...	Moderate or fresh southerly wind, veering southwest, backing later; rain at first followed quickly by bright intervals and local showers; perhaps rain later tomorrow morning; mild.
4 W. Midlands ... 5 S.W. England 6 South Wales ...	Moderate or fresh squally southwest to west wind, strong on coast, backing tomorrow; bright intervals, showers, hail locally, probably rain later tomorrow morning; mild.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England	Moderate or fresh south wind, veering southwest, rain at first followed quickly by bright intervals and local showers; average temperature.
11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W.Scotland.	Fresh or strong squally south to southwest wind, bright intervals, showers of rain or hail, heavy at times, local thunder; average temperature.
14 Mid Scotland 15 N. E. Scotland	As 9 - 11.
16 Orkneys and Shetlands	Freshening east wind, veering southeast later; rain at first, bright intervals and showers later; average temperature.
17 N. W. Ireland 18 N. E. Ireland	Moderate to fresh squally southwest to west wind, strong on coast; bright periods, showers, hail locally, rather mild.
19 S. E. Ireland 20 S. W. Ireland	Moderate to fresh southwest wind, strong on coast, decreasing and backing later; bright intervals, showers, hail locally, probably rain later tomorrow morning; rather mild.

L.D.

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

GENERAL INFERENCE.

A very deep depression off Northwest Ireland is moving slowly eastwards and a trough of low pressure will move northeastwards across England and Scotland. A secondary which is developing near the Azores is likely to approach from the southwest tomorrow. Weather will be unsettled and mild.

FURTHER OUTLOOK.

Unsettled, mild.

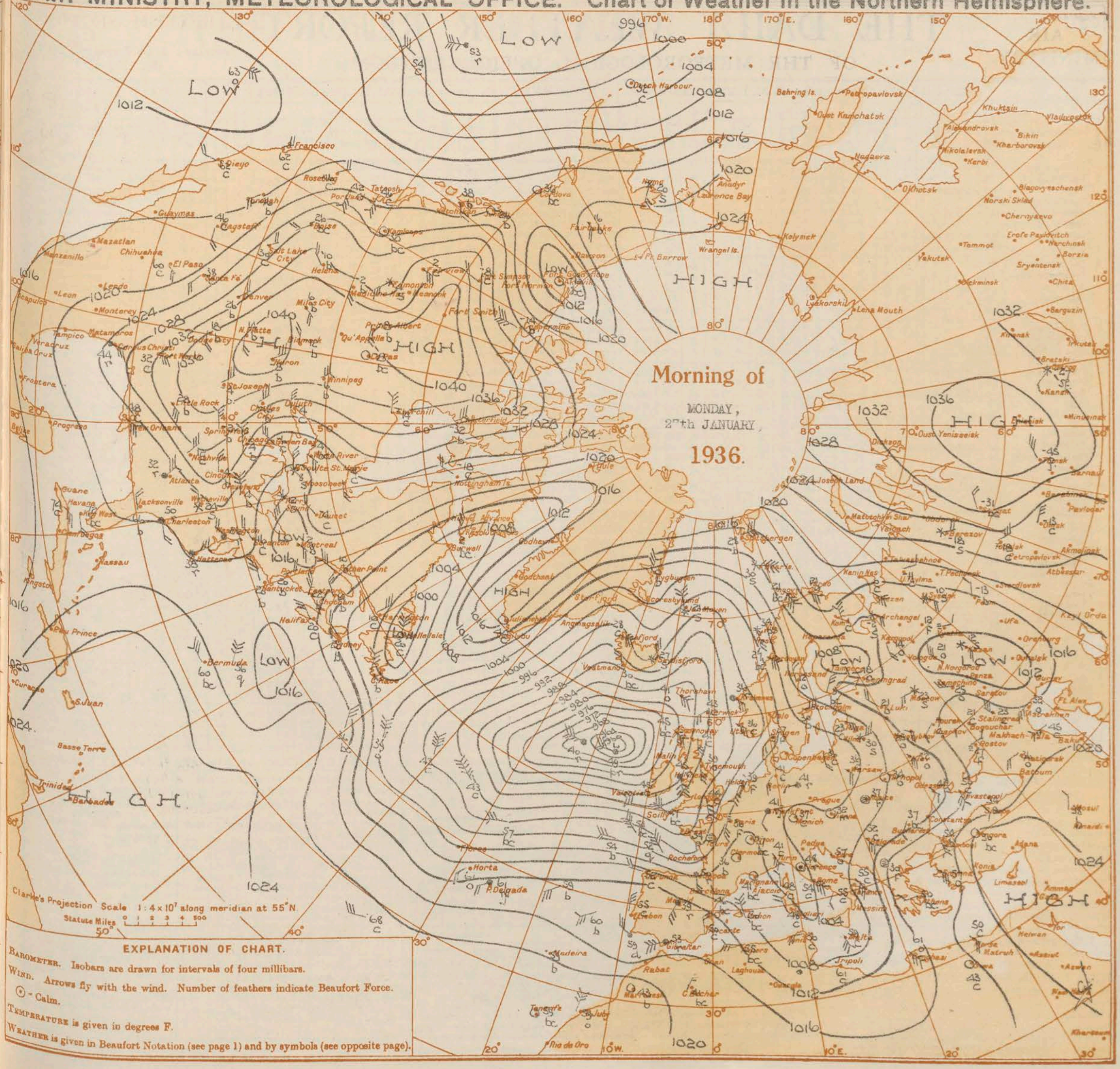
Time of issue of Gale Warnings.

South Cone hoisted at 1620 26th in districts 17. 20. South Cone hoisted at 184[illegible] 26th in district 5 (part of)6, 19(part of)South Cone hoisted 0155 27th, 5 (part of) 7,8,12,13,15 (part of),16, 18, South Cone hoisted 0510, 27th in district 1.

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

Monday, 27th January, 1936
No. 27094.

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

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	999·2	−4	SW	3	z_o	40	95	5	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1001·4	+2	SW	2	z_o	41	95	6	-		-	0	0	-
	Manston ...	142	1000·7	+2	SW	3	z_o	39	95	5	-	-	-	0	0	-
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	999·4	0	SW'S	2	b	41	85	5	-	-	-	0	0	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	998·8	−16	SSW	4	bc	47	95	8	4	-	-	4·6	4·6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	992·7	−30	S'W	7	o	47	95	8	5	-	-	10	10	2500
	Scilly (St. Mary's)	163	988·7	−44	SSW	7	rr	47	95	6	6	-	-	10	10	800
	Guernsey ..	175	999·6	−18	SSW	4	bc	45	95	6	-	1	-	0	2-3	-
6	Pembroke ...	142	988·8	−32	S'W	6	ir	47	85	7	8	2	-	9	10	2500
7	Holyhead ...	26	988·3	−34	SSE	5	rr	44	95	6	6	2	-	9	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	995·7	0	SSW	3	bc	37	85	6	-	2	-	0	4-6	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	992·6	−10	S	2	bc	37	85	6	2	-	-	2-3	2-3	2500
11	Inchkeith ...	190	990·3	0	S	2	bc	40	85	8	5	-	-	2-3	2-3	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	989·1	−22	SSW	5	$r_o r_o$	45	85	8	5	-	-	9	9	2500
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	983·8	+4	SSW	5	bc	43	85	8	5	-	-	4-6	4-6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	986·6	+10	SW	3	bc	38	95	8	5	-	-	2-3	2-3	2500
16	Lerwick ...	156	987·2	−4	S'W	4	c	43	95	7	8	7	-	7-8	9	800
17	Blacksod Point	18	976·6	−42	S	6	RR	47	95	7	6	-	-	10	10	800
18	Malin Head ...	52	980·0	−56	SSE	5	bc/d	42	95	7	6	1	-	4-6	4-6	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	-	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	979·9	−6	SSW	5	c	46	95	7	9	-	-	9+	9+	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	996·7	−16	S	3	z_o	40	85	5	5	-	-	9+	9+	1500	1	*
Croydon ...	994·9	−26	S'E	4	c	44	85	8	5	7	2	2-3	9	1500	1	*
S. Farnborough	994·1	−20	S'E	4	c	44	85	7	5	-	-	9	9	4000	1	*
Boscombe Down	992·5	−22	SSE	5	$r_o r_o$	43	95	7	6	2	-	9+	10	800	1	*
Calshot (Sthmtn.)	994·3	−20	SE'S	6	c	46	85	8	5	7	-	4-6	9	2500	1	§3
Lympne ...	998·6	−18	S	4	bc	42	95	7	2	-	6	Tr	2-3	2500	1	§3
Manston ...	998·0	−16	S	3	bc	40	95	8	5	-	6	Tr	4-6	800	1	*
Shoeburyness ...	997·3	−20	S'E	4	c	42	96	7	-	7	6	0	9	-	1	*
Felixstowe ...	997·2	−16	SSE	4	bc	41	95	7	5	-	6	1	7-8	2500	1	3
Gorleston ...	997·5	−20	S	4	o	39	95	6	5	-	-	10	10	1500	1	2
Mildenhall ...	995·2	−22	S	3	z_o	42	95	6	5	7	6	4-6	7-8	1500	1	*
Cranwell ...	993·6	−20	SE'S	4	z_o	40	95	6	5	2	-	7-8	10	1500	1	*
Birmingham ...	990·6	−24	SSE	4	c	43	85	7	5	-	-	10	10	800	1	*
Upper Heyford	992·5	−22	SSE	4	cq	42	85	5	5	7	-	7-8	7-8	1500	1	*
Ross-on-Wye	989·6	−26	S'E	4	rr	44	85	6	6	-	-	10	10	1500	1	*
Portland Bill ...	991·3	−40	S	6	rr	46	95	7	5	-	-	10	10	1500	2	4
Plymouth ...	989·0	−26	W'S	6	$r_o r_o$	48	95	7	6	2	-	4-6	10	800	1	4
The Lizard ...	990·0	+20	W'S	6	pr_o	46	95	7	8	2	-	9	10	1500	1	4
Scilly (St. Mary's)	989·8	+48	WNW	6	bc	47	85	7	8	-	3	4-6	4-6	1500	1	4
Guernsey ..	994·0	−26	S'E	5	rr	45	95	5	5	-	-	10	10	1500	2	4
Pembroke ...	984·8	+10	W'N	4	rr	45	95	6	6	-	-	10	10	1500	1	3
Holyhead ...	982·5	−16	SSE	6	rr	45	95	7	6	2	-	7-8	10	800	1	3
Chester (Sealand)	987·5	−30	SSE	4	ir_o	43	95	6	6	2	-	4-6	10	1500	2	*
Manchester ...	988·4	−26	S'E	4	$r_o r_o$	43	85	7	6	2	-	2-3	10	2500	1	*
Spurn Head ...	993·2	−6	S	5	f	39	95	2	5	-	-	10	10	4150	0	4
Catterick ...	989·7	−20	S'E	3	ir_o	36	95	4	-	2	-	10	10	800	1	*
Tynemouth ...	989·2	−20	S	3	o	39	85	6	6	-	-	10	10	1500	1	1
Inchkeith ...	986·0	−24	S	2	c	40	85	8	4	2	-	2-3	9	2500	0	1
Leuchars ...	986·2	−24	ESE	3	$r_o r_o$	39	85	6	5	1	-	7-8	9+	1500	1	*
Renfrew (Abbots I.)	984·3	−26	SSE	4	c	41	85	7	5	-	-	9	9	1500	1	*
Eskdalemuir ...	985·7	−32	SSE	3	rr	37	95	6	6	2	-	9+	10	800	6	*
Point of Ayre...	982·3	−28	S	7	rr	42	95	8	6	-	-	10	10	1500	1	4
Tiree ...	976·3	−24	SSE	5	RR	45	95	6	6	2	-	7-8	9+	1500	1	*
Stornoway ...	978·9	−32	SE	6	c/pr	45	75	8	5	7	-	7-8	9	1500	1	3
Dalwhinnie ...	984·0	−30	SSE	7	ir_o	35	95	6	4	6	-	7-8	10	1500	6	*
Aberdeen ...	986·6	−20	S	3	c	41	95	7	6	7	-	2-3	9	1500	4	1
Wick ...	985·1	−12	SSE	5	bc	42	85	8	8	7	-	2-3	4-6	2500	1	2
Lerwick ...	987·7	+4	SW	3	c	43	95	7	8	7	-	4-6	9	800	1	*
Blacksod Point	975·4	0	SW	7	bcq	47	75	8	9	-	-	4-6	4-6	800	1	4
Malin Head ...	976·4	+10	S	5	c	45	95	7	6	1	-	7-8	9+	1500	1	2
Aldergrove ...	978·9	−6	S	4	c/r	44	95	7	6	2	-	4-6	10	1500	2	*
Birr Castle ...	981·7	+12	SW	2	bc	42	85	8	6	-	-	2-3	2-3	2500	1	*
Valentia Obsy. †	983·5	+12	SW'W	6	c/ph	45	75	8	9	-	-	7-8	7-8	1500	1	4
Roches Point	985·3	+18	W	3	bc	45	75	8	3	-	-	2-3	2-3	1500	1	4

PAST 24 HOURS.

Stations	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Night 18h–7h mm. (35)	Sunshine 26th Hrs. (36)
London (Kew)	47	38	24	-	Tr	5·1
Croydon ...	48	38	35	Tr	Tr	4·9
S. Farnborough	45	39	32	-	-	3·9
Boscombe Down	46	35	32	0·1	0·1	1·6
Calshot (Sthmtn.)	49	41	36	-	-	4·3
Lympne ...	47	38	31	0·1	Tr	3·5
Manston ...	49	34	29	0·1	0·1	2·4
Shoeburyness ...	47	39	28	Tr	0·1	3·5
Felixstowe ...	47	37	32	0·1	-	2·0
Gorleston ...	47	36	34	4	-	0·6
Mildenhall ...	48	37	34	-	-	0·9
Cranwell ...	45	35	32	-	-	1·1
Birmingham ...	45	38	35	-	-	0·9
Upper Heyford	46	35	27	-	Tr	*
Ross-on-Wye	49	41	34	-	2	2·6
Portland Bill ...	48	45	*	0·5	2	*
Plymouth ...	50	45	42	Tr	6	6·1
The Lizard ...	51	45	*	1	9	*
Scilly (St. Mary's)	51	45	*	Tr	9	6·7
Guernsey ..	50	44	33	2	4	4·4
Pembroke ...	48	42	*	Tr	16	4·4
Holyhead ...	48	43	40	0·4	5	4·6
Chester (Sealand)	49	37	29	-	0·2	3·2
Manchester ...	45	36	31	Tr	0·1	0·0
Spurn Head ...	43	36	*	-	-	0·0
Catterick ...	44	34	31	-	0·1	1·5
Tynemouth ...	44	35	31	-	-	1·6
Inchkeith ...	41	37	31	-	-	0·1
Leuchars ...	41	33	28	-	0·1	0·0
Renfrew (Abbots I.)	44	37	33	0·4	0·3	0·8
Eskdalemuir ...	37	35	34	1	1	0·0
Point of Ayre...	48	38	*	-	8	2·9
Tiree ...	46	40	38	0·5	1	1·2
Stornoway ...	46	42	*	0·1	1	0·0
Dalwhinnie ...	39	35	30	Tr	0·5	0·4
Aberdeen ...	43	33	27	0·5	0·1	0·0
Wick ...	44	36	*	1	-	*
Lerwick ...	41	39	*	7	4	0·0
Blacksod Point	47	41	*	0·3	13	*
Malin Head ...	46	40	*	Tr	1	4·4
Aldergrove ...	45	38	35	Tr	3	3·5
Birr Castle ...	47	41	37	-	13	3·9
Valentia Obsy. †	47	44	41	10	25	0·4
Roches Point	48	45	*	1	19	*

LONDON OBSERVATIONS

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

Station	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon.	Weather Night.	Temperature Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity 15h. G.M.T. % (Yesterday.)	Humidity 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew ...	18	$cbcm_o$	$bccm_o$	$cbcm_o$	47	38	24	-	Tr	5·1	*	*	6
Croydon ...	217	$cbbcm_o$	$bccz_o$	c-bmnw	48	38	35	Tr	Tr	4·9	*	*	
Greenwich (Royal Observatory) ...	149	bcm	cm	cbwc	48	37	32	-	Tr	3·5	77	84	6
City (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	2·2	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	49	40	31	-	-	3·1	62	81	*
Regents Pk. (Botanic Gardens)‡ ...	168	*	*	*	48	41	37	-	Tr	2·8	81	84	*
Camden Square ...	110	bc	cbc	*	47	41	32	-	Tr	*	*	81	*
Kensington ...	80	bc	bc	*	49	40	28	-	-	4·4	At 18h. 89	82	*
Hampstead Observatory ...	450	bm	bcm	o	46	37	24	-	-	3·5	*	92	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 27th

South Kensington. Max.	Time.	Min.	Time.	Kew Observatory. Max.	Time.	Min.	Time.
Pollution defective				0·7	20h. 26th.	<0·1	4-6h. 27th.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 26th January. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 27th January. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris ...	1002·5	W	2	o	46	1003·3	SSW	3	f+	36	48	36	Tr	-
Brussels ...	999·4	SW'S	2	c	48	1001·9	SSW	3	cz_o	39	54		-	
Berlin ...	1000·7	-	0	o	41	1001·4	W	1	rr	41	43	39	-	4
Zurich ...						1008·6	WNW	1	$r_o r_o m$	39		37		2
Rome ...	1004·1	S	6	bc	57	1003·7	SE	6	c	54	*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

TERMS OF SUBSCRIPTION. Single Copies, 1d. each: by post 1½d. 2/6 per month; 8/6 per quarter; 25/- per year.

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 28th January, 1936.
No. 27095.

District	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 27th January														OBSERVATIONS at 18h. G.M.T. 27th January															PAST 24 HOURS.			
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	°Temp. F.	% Humid.	Visibility 0–9	Cloud. Form. Low	Cloud. Form. Med.	Cloud. Form. High	Cloud. Amount. Low 0–10	Cloud. Amount. Total 0–10	Cloud. Height of Base (feet)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	°Temp. F.	% Humid.	Visibility 0–9	Cloud. Form. Low.	Cloud. Form. Med.	Cloud. Form. High.	Cloud. Amount. Low 0–10	Cloud. Amount. Total 0–10	Cloud. Height of Base (feet)	State of Ground. 0–9	Sea. 0–9	Weather. 7h.–13h. 27th.	Weather. 13h.–18h. 27th.	Weather. 18h. 27th to 1h. 28th	Weather. 1h.–7h. 28th
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(37)	(38)	(39)	(40)
1	London (Kew)	994.4	+2	SSW	3	c/r	45	95	6	6	2	-	2-3	10	1500	997.4	+12	SSW	3	c3o	45	85	6	5	-	-	7-8	7-8	2500	1	*	crv.m.	cm.	cm.rc	cm.R
	Croydon ...	994.9	+4	SW'S	3	v.v.	44	95	6	-	2	-	10	10	800	997.7	+16	SSW	3	bc2o	44	85	6	5	7	-	2-3	4-6	5700	1	*	crrr.r.	cr.bcm.	prr.r.m	b-cir.
	S. Farnborough	994.7	+6	SWS	2	c/r	45	95	6	5	2	-	9+	10	4000	997.1	+10	SSW	3	bc	46	85	7	5	-	-	4-6	4-6	2500	1	*	cr.rrr.	c m.bbc	cpr.bc	bccrr
	Boscombe Down	994.7	+18	SW	3	c	45	95	7	5	1	-	9+	10	1500	996.8	+10	SSW	5	c	46	85	7	5	-	-	7-8	7-8	1500	1	*	rm.c	cpr.c	cbc	berr
	Calshot (Sthmtn.)	995.7	+14	SW	3	c	46	95	7	5	-	-	9	9	2500	997.9	+6	SSW	5	c	47	85	7	8	-	-	7-8	7-8	1500	1	2	crrm.	cbcbbc	bcb	bccrr
	Lympne ...	997.0	-10	S	4	dr	41	95	4	6	-	-	10	10	450	1000.0	+28	SWW	3	bc	41	95	6	-	4	1	0	2-3	-	1	§1	carr.d.	rrc.b	cprbc	bcc
	Manston ...	996.5	-10	S	5	d.d.	42	95	7	6	2	-	4-6	10	800	999.0	+22	WSW	3	bc	42	95	7	-	3	-	0	4-6	-	1	*	bcrod.	or.r.bc	cprbcb	cir.c
2	Shoeburyness ...	996.1	-2	S	4	ir.	43	95	6	6	2	-	9+	10	1500	998.4	+22	SW	3	bc	42	95	6	-	4	-	0	4-6	-	1	*	cir.c	ir.m.	bcm.	cir
	Felixstowe ...	996.2	-6	S'E	5	r.	42	95	6	6	2	-	9	10	1500	997.6	+10	S'W	3	c3o	41	95	6	-	7	8	0	7-8	-	1	1	bccir.	cr.rir.c	cir.m.	cir.m.
	Gorleston ...	995.6	-16	S'E	6	c	45	85	6	5	-	-	10	10	1500	997.0	+8	S'W	3	c	42	95	6	5	-	-	7-8	7-8	2500	1	3	abccq	cpr.q	bbcpr	bbcc
	Mildenhall ...	993.5	-16	SSW	4	c/r	45	85	6	6	7	-	2-3	10	800	996.2	+16	SWS	3	bz3o	43	95	5	-	-	-	0	0	-	1	*	cm.r.	cbc m.	b-cr.m.	cbcm.
	Cranwell ...	989.9	-18	S	5	c	45	85	7	5	2	-	9	9+	1500	994.0	+14	S'E	3	bc3o	40	85	5	.5	-	8	1	4-6	4000	1	*	cr.r.	cm.bc	cprm.	cm.
3	Birmingham ...	991.7	+26	WSW	3	c	45	85	6	6	1	-	4-6	7-8	1500	993.8	+4	SSW	3	pr	44	95	6	6	-	-	9	9	800	1	*	r.c	bc	cprbc	bcc
	Upper Heyford	993.4	+22	SW	3	c/r	45	85	6	5	1	-	4-6	10	800	995.7	+16	S	3	ir.	44	85	6	5	1	-	7-8	10	1500	1	*	crrq.r.	cbccr.	cprbcc	cbccq
4	Ross-on-Wye	992.8	+26	WSW	4	c	49	65	7	6	-	7	2-3	9+	1500	993.7	0	SW	4	c	47	85	7	6	-	7	7-8	9+	2500	1	*	rq.cq.	bccp.c	cbcqc	ccpcq
5	Portland Bill ...	996.3	+22	WSW	5	bc	49	85	7	4	-	-	4-6	4-6	2500	997.4	+4	WSW	4	c	49	85	7	4	-	-	7-8	7-8	2500	1	4	cbc	bcc	bcc	orr
	Plymouth ...	996.2	+26	SWW	4	c3o	50	85	6	8	-	-	7-8	7-8	2500	996.1	+4	SWS	6	c	49	95	7	5	7	8	4-6	9	1500	1	4	cr.rprm.	cpr.m.	bcc PAPER	ctlhrrc
	The Lizard ...	995.7	+2	SW'W	6	c	50	85	7	4	2	-	9	10	1500	997.0	+6	SW	6	c	47	85	8	8	6	-	4-6	7-8	2500	1	4	prc	cpr.o	cqlpr	rritq
	Scilly (St. Mary's)	994.6	+4	W'S	7	c/pr	48	85	7	9	7	-	7-8	10	1500	995.7	+12	W'S	6	bc	48	85	7	3	-	3	2-3	4-6	1500	1	4	bccpq	cp.bc	lpir.	tlhrrc
	Guernsey ...	998.5	+38	W	5	b	51	75	6	-	1	-	0	2-3	-	999.7	+2	WSW	6	c	49	85	6	5	1	-	7-8	10	2500	1	4	orrq.b	bbcc	coo	orrR
6	Pembroke ...	989.7	-10	WSW	5	bc3	49	75	6	5	3	-	4-6	4-6	2500	989.6	+4	WSW	6	cq	47	85	7	8	7	-	4-6	7-8	2500	1	4	ocmirc	cqm.	cqbcl	cq PRbc
7	Holyhead ...	987.3	+14	SWS	4	bc	49	75	7	5	-	8	2-3	4-6	4000	987.0	-4	SWS	5	c	47	85	7	8	1	10	2-3	7-8	1500	1	3	rrq.c⊕	bccpr.	cbc	bcRr
	Chester (Sealand)	989.7	+14	SW	2	c3o	46	75	6	5	-	8	2-3	9	1500	990.8	-2	S	3	bc3o	45	85	6	8	-	-	4-6	4-6	4000	2	*	crrm	bc3.c3	cprRm.	cRr.RRm.
8	Manchester ...	989.3	+10	WSW	3	c3o	43	95	6	5	7	-	2-3	10	2500	990.8	+2	SWS	3	pr	44	85	6	5	-	-	7-8	7-8	1500	2	*	r.rrcm.	cb.cpr	pr.R	r.bc
10	Spurn Head ...	989.1	-8	S'E	6	0	43	95	6	5	-	-	10	10	800	991.7	+14	SSW	3	bc	41	95	6	-	2	-	0	4-6	-	0	2	fpr.o	ocbc	prbcb	bbcc
	Catterick ...	988.1	0	S'E	3	r.r.	39	95	4	-	2	-	10	10	800	990.2	+14	S'E	1	bc	39	85	6	5	1	-	2-3	4-6	2500	1	*	cm.r.r.	cmr.bcm	bcm.cr	cr.bc
	Tynemouth ...	986.6	-4	SW	4	0	43	85	6	6	-	-	10	10	1500	988.7	+8	SSW	2	bc	43	85	6	4	-	-	2-3	2-3	4000	1	2	oir.o	ombc	bcirbc	bc
11	Inchkeith ...	984.0	-6	S	3	c	42	85	8	5	7	-	7-8	9	1500	985.7	+12	SSW	3	bc	42	85	7	5	-	-	4-6	4-6	1500	0	2	c	cbc	bcirc	cbc
	Leuchars ...	983.5	-10	SSE	4	c/r	41	85	7	5	2	-	7-8	10	1500	985.2	+10	S	4	c	42	85	6	5	7	-	7-8	9+	1500	1	*	cm.r.r.	cm.	bcm.prbc	bcbx
12	Renfrew (Abbots I.)	983.2	+2	S'W	4	c/r	45	75	6	5	3	-	9	9+	1500	984.5	+10	S'E	3	bc3o	42	85	6	5	-	-	2-3	2-3	2500	1	*	cm.drr.ir.	cm.jr.cbc	bcms PRq	cprsqbc
	Eskdalemuir ...	985.1	+6	S'W	3	c/r	40	95	6	5	-	-	10	10	1500	987.1	+10	S'W	3	c	38	95	6	5	-	-	9+	9+	1500	1	*	crrc	cir.	cirq	circ
	Point of Ayre...	985.5	+10	WSW	4	c	46	75	8	5	1	-	4-6	10	2500	986.2	+4	SWS	5	bc	46	85	7	9	-	-	4-6	4-6	2500	1	2	rrp	obcc	cprbc	bcoc
13A	Tiree ...	977.4	+6	S'E	6	c	46	85	7	5	7	-	7-8	9	2500	978.2	+6	S'E	5	c	45	85	7	5	7	-	9	9+	2500	1	4	c	c	cR	c
13B	Stornoway ...	977.6	-4	SSE	6	c/r	44	75	9	5	7	-	7-8	9+	1500	977.5	0	S	7	c	46	75	8	5	2	-	9	10	1500	1	4	cir.	c	cor	cpr.
15	Dalwhinnie ...	982.7	-2	SSE	3	rr	36	95	7	5	-	-	10	10	2500	984.0	+8	S	4	c	37	95	7	4	6	-	7-8	9	2500	6	*	rrc	irc	*	irc
	Aberdeen ...	984.4	-12	S	5	r.r.	42	95	6	6	2	-	9+	10	450	985.4	+14	SSW	3	bc3	40	95	6	-	7	-	0	4-6	-	1	2	cr.r.	r.cbc	bcr.	cr.bc
	Wick ...	982.8	-10	SSE	7	c/pr	43	95	7	5	7	-	9	10	1500	981.4	-8	SSE	5	c3o	42	95	7	5	1	-	7-8	10	1500	1	3	cpr.	c	cbc	bc
16	Lerwick ...	987.2	-4	SSE	5	bc	43	95	7	5	8	-	2-3	4-6	2500	985.3	-8	SSE	5	ir.	43	95	6	9	2	-	7-8	10	800	1	*	cbc	bccir.m.	cor.r.bcm	cbc
17	Blacksod Point	978.5	+20	SW	7	bcq	47	75	8	9	-	4	4-6	4-6	1500	979.2	+6	SW	6	bcq	45	75	8	9	-	-	4-6	4-6	800	1	4	bcq	PHRq	PHRl	PHpl
18	Malin Head ...	978.7	+12	S	5	c	46	95	7	5	8	-	7-8	9+	1500	979.0	+6	S	5	c/r	42	95	7	9	7	-	4-6	7-8	800	1	2	c	cir	cbcl	bcc
	Aldergrove ...	982.8	+22	SSW	5	c	43	85	7	8	1	-	7-8	9	1500	982.7	-2	S	4	c	44	75	7	9	1	-	9	9+	2500	1	*	cbcc	cbcc	cpr.	cpr.
19	Birr Castle ...	984.0	+8	SW	2	bc	49	65	8	5	-	2	2-3	4-6	2500	984.4	0	SW	3	c/pr	43	85	8	9	-	-	9	9	2500	1	*	bc	bccpr	cbc	bcpr
20	Valentia Obsy. †	984.7	-2	SWS	6	pr.	49	75	8	9	-	-	7-8	7-8	1500	985.9	+10	SW	7	bc	44	75	8	8	-	-	2-3	2-3	1500	1	5	cpr.	pr PHRbc	cprhrtlbc	prPHRbcl
	Roches Point	987.6	-2	SW	4	c	47	85	8	8	-	3	4-6	7-8	1500	988.7	+10	WSW	4	c	47	75	7	6	-	-	7-8	7-8	1500	1	5	bcp.c	cprc	cprbc	oirbc

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.*

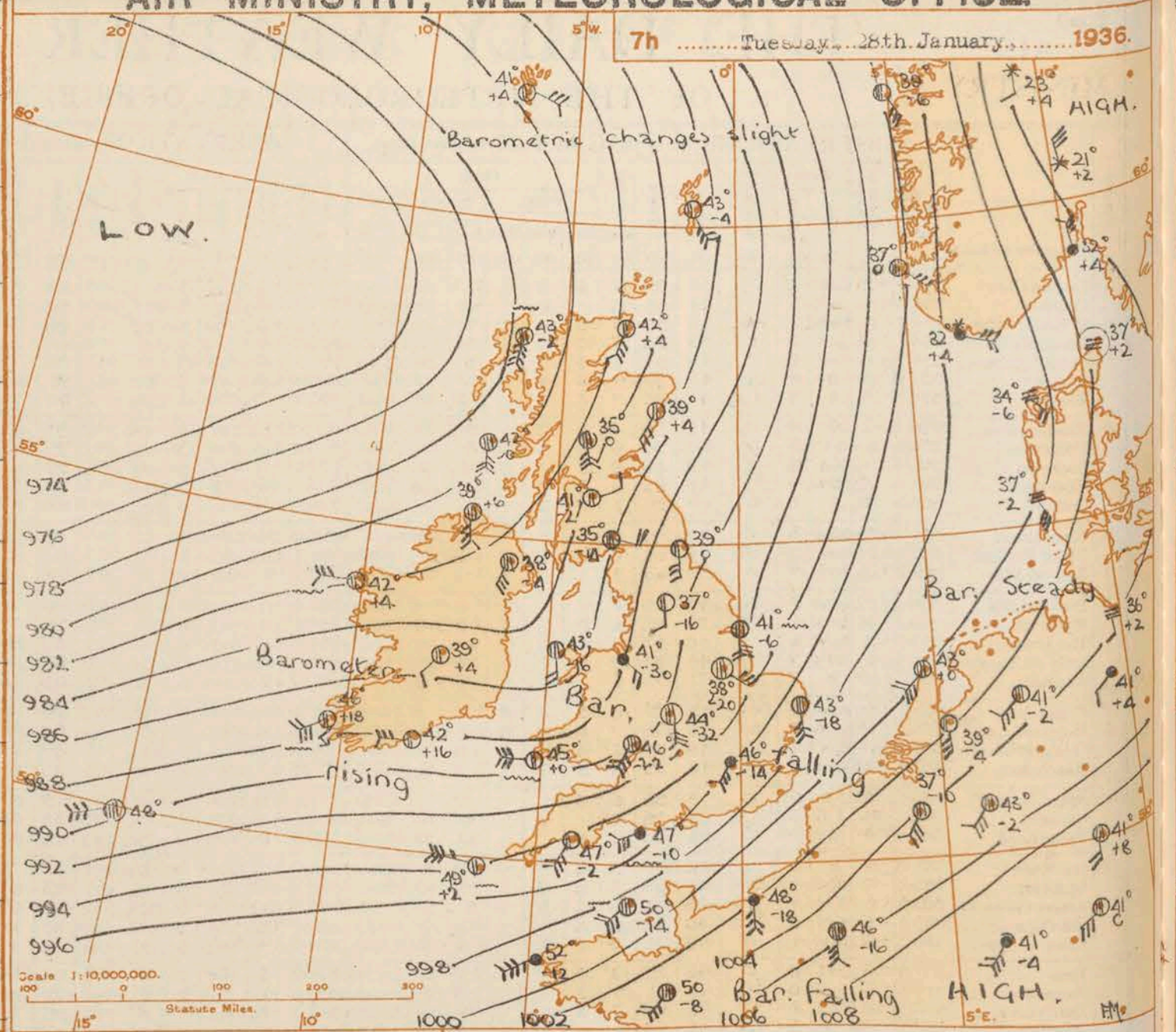
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 27th January 1936.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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 Sunset. 27th
1	Tunbridge W.	oor	ocbc	38	45	-	4	0·2
	Bournemouth	oro	cbbc	42	49	4	3	1·7
	Ventnor ...	or	obcu	43	48	1	4	1·9
	Southsea ...	orr	ocbcc	42	49	3	2	1·5
	Bognor Regis	rr	rcbcb	42	48	1	3	1·3
	Littlehampton	corc	cbc	42	48	0·1	4	1·1
	Worthing ...	cr.r.	cbcb	42	47	Trace	3	1·1
	Brighton ...	crc	bc	42	46	Trace	3	0·7
	Eastbourne†	or.r.	r.ocb	43	47	Trace	2	0·3
	Hastings‡ ...	ocro	cbcb	42	46	Trace	2	0·0
	Folkestone ...	bccor	orcbc	40	45	0·1	2	0·4
	Dover... ...	bcro	orbc	43	46	Trace	3	0·5
	Deal	cco	roo	39	46	-	1	0·8
	Ramsgate ...	cbcc	crc	41	45	0·2	0·5	0·9
	Margate ...	c	cd	40	45	0·3	0·5	0·4
2	Southend ...	co	orcb	39	44	0·2	0·6	0·0
	Maldon ...	co	orc	35	45	-	1	0·0
	Clacton-on-Sea	bcco	oirc	38	43	-	1	0·4
	Dovercourt ...	pbcc	bcpbc	37	44	Trace	Trace	0·6
	Lowestoft ...	b	co.bc	36	45	-	Trace	2·6
	Skegness ...	obngo	obcm	37	46	Trace	Trace	0·0
	Mablethorpe	cm.o	ocm.	35	46	-	-	0·0
	Cleethorpes...	or.	oc	35	45	0·1	0·1	0·0
3	Leamington S.	od	oc	36	48	-	Trace	0·1
4	Cheltenham†	oroc	cbcc	38	49	2	1	0·8
5	Bath	rrc	cbcb	39	52	3	1	1·7
	Weymouth ...	rcc	bc	45	51	8	0·1	1·1
	Jersey ...	rcbc	bcpc	44	51	6	Trace	4·6
	Torquay ...	ocb	bbcq	41	53	10	-	3·6
	Penzance ...	rbbbc	cpcc	45	53	11	Trace	2·6
	St. Ives ...	c	c	44	51	20	-	3·0
	Bude	rcbc	bc	40	50	11	-	3·6
	Ilfracombe ...	or	cbcpo	43	51	11	0·2	2·4
6	Aberystwyth	prc	bcc	42	48	5	-	1·2
7	Llandudno ...	c	cbccr	41	50	4	0·6	1·9
	Colwyn Bay...	opo	cbcpb	38	49	7	1	1·2
	Rhyl	cr.dc	bccpr	38	49	1	2	1·1
8	Wallasey ...	rcbc	bccr	39	48	0·3	2	1·2
	Southport‖ ...	orc	bccoro	38	46	2	3	1·0
	Blackpool ...	oro	c	37	46	6	1	0·3
	Morecambe ...	rrirc	cbcbc	38	46	7	2	0·6
9	Ilkley... ...	oro	oroc	36	45	2	3	0·0
	Harrogate ...	corr	bcb	35	42	0·3	3	0·0
10	Berwick-on-T.	o	oc	35	44	-	-	0·0
11	Dunbar ..	bc	bc	37	45	-	-	0·2
12	Troon... ...	cococ	ccbc	39	44	1	-	0·0
	Douglas ..	em.ir	ccb	39	47	11	1	1·6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.

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

WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 6/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. T Thunder. E 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. 28th Jan., 1936.
1 S.E. England ▼ 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Moderate or fresh south wind, backing and decreasing, finally southwest, fresh, tomorrow; some rain at first, bright intervals and showers later with local hail and possibly thunder; rather mild.
5 S.W. England ▼ 6 South Wales ..▼ 7 North Wales ...	Squally west wind, decreasing, becoming strong again later; some rain at first, bright intervals and showers of rain or hail later with local thunder; rather mild.
8 N.W. England 9 N. Midlands ...	Moderate or fresh southwest wind, bright intervals, showers of rain or hail; average temperature.
10 N.E. England 11 S.E. Scotland	Moderate south wind, bright intervals, local showers; average temperature.
12 S.W. Scotland & Isle of Man.	Moderate or fresh squally south to southwest wind, showers of rain or hail, local thunder, brighter intervals; average temperature.
13 A. W. Scotld. B.N.W.Scotland.	
14 Mid Scotland 15 N. E. Scotland	As 10 - 11.
16 Orkneys and Shetlands 17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Moderate or fresh squally southwest wind, bright periods, showers of rain or hail, particularly in the West, local thunder; rather mild.

L.D.

GENERAL INFERENCE.

A large deep depression centred northwest of Ireland is almost stationary and a secondary depression over the Bay of Biscay will move northeast. Weather will continue unsettled and rather mild.

FURTHER OUTLOOK.

Unsettled; rather mild.

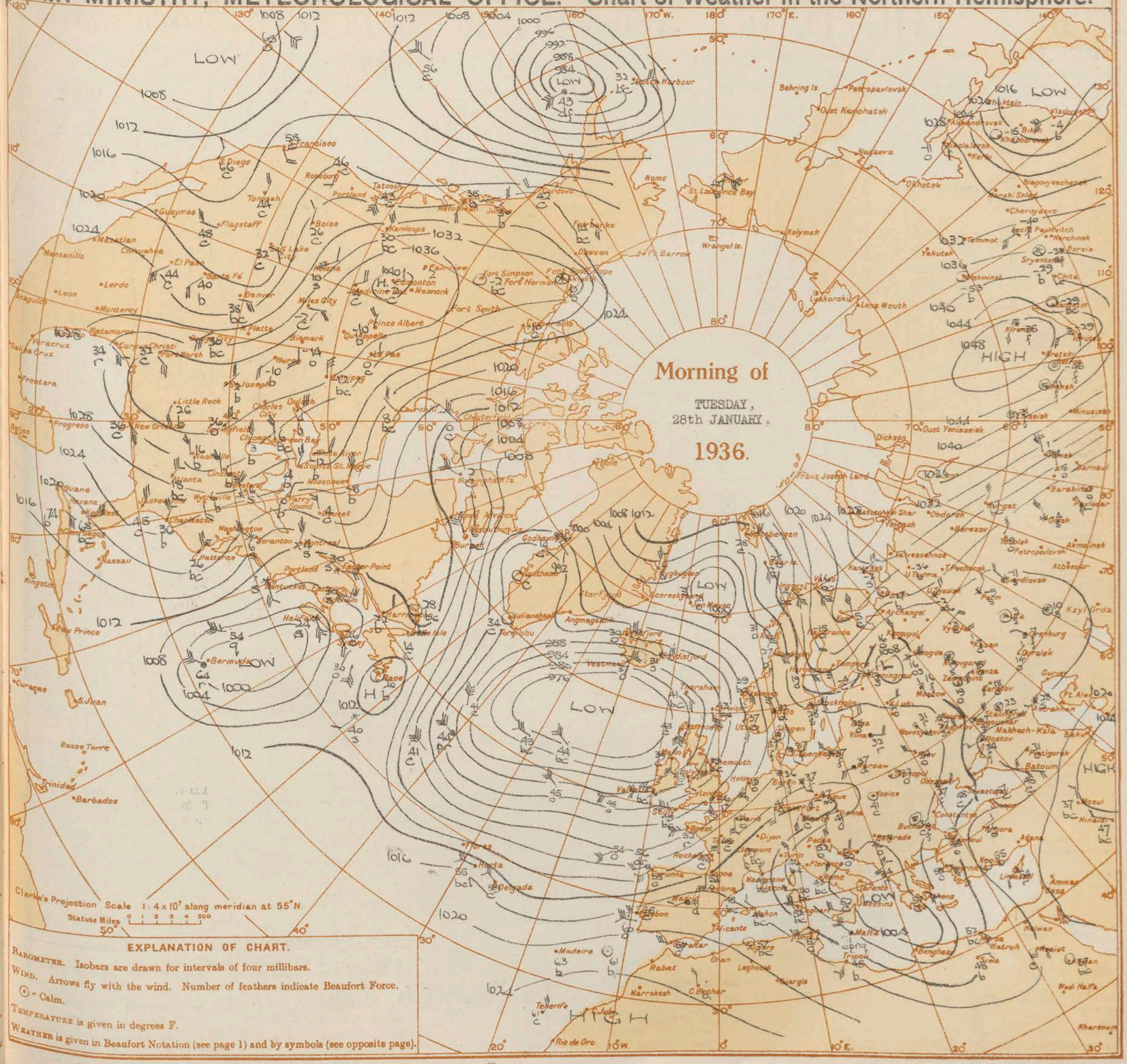
Times of issue of Gale Warnings.

▼ South Cone hoisted at 1845 on 26th in districts 5 (part of), 6. South Cone hoisted at 0155 27th in districts 5 (part of). South Cone hoisted at 0510 27th in districts 1 (part of).

Forecasts issued at 1030 G. M. T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

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



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, 28th January, 1936.
No. 27095.

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

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	9985	+2	SSW	4	b	45	85	8	5	-	1	Tr	1	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	10009	+6	SSW	4	bc	44	95	8	5	-	-	4-6	4-6	~~2500~~ 1500
	Manston ...	142	1000·3	+4	SW	4	b	43	~~85~~ 85	7	5	-	-	1	1	2500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	9987	+4	SW	3	bc	42	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	997·7	-8	SW	5	c	49	95	7	5	-	-	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	9968	-10	SSW	5	c/pr	48	95	8	8	-	-	9	9	1500
	Scilly (St. Mary's)	163	9946	-12	SW'W	5	ir	47	95	7	6	2	-	4-6	10	1500
	Guernsey ..	175	10009	-2	SW	5	o	48	95	6	5	-	-	10	10	2500
6	Pembroke ...	142	991·2	+4	SW	5	bcq	46	85	7	5	-	-	4-6	4-6	2500
7	Holyhead ...	26	9984	+2	SW	4	bc	45	75	8	5	-	-	2-3	2-3	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	993·6	0	WSW	5	b	(41)	95	7	-	-	-	0	0	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	9889	-4	S	3	bc	39	95	6	5	-	-	4-6	4-6	1500
11	Inchkeith ...	190	9853	-2	S	1	c	39	95	8	5	2	-	4-6	7-8	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	9866	+2	W'S	5	bc	41	85	8	9	-	-	2-3	2-3	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	977·9	0	S	5	c/pr	44	85	7	5	7	-	4-6	7-8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	982·6	-4	S	4	bc	43	85	7	5	6	-	2-3	4-6	1500
16	Lerwick ...	156	985·1	0	S'E	6	bc	43	95	6	5	-	-	4-6	4-6	800
17	Blacksod Point	18	980·5	+6	S	5	bcq	45	65	7	9	-	-	4-6	4-6	1500
18	Malin Head ...	52	980·4	+6	S	5	l	39	95	7	8	7	-	2-3	2-3	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	985·7	0	SW'S	4	rr	41	95	7	9	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low. (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)
London (Kew)	996·1	-12	SSW	3	rr	46	95	6	6	2	-	10	10	800	1	*
Croydon ...	996·1	-14	SSW	4	ro	46	95	7	-	2	-	10	10	1500	1	*
S. Farnborough	995·2	-8	SSW	5	ro	45	95	7	5	7	-	4-6	9+	1500	1	*
Boscombe Down	994·5	-16	S'E	4	rr	45	95	7	5	-	-	9	9	800	1	*
Calshot (Sthmtn.)	996·3	-18	S	6	c/r	47	95	8	8	7	-	4-6	10	1500	1	3
Lympne ...	999·1	-14	SSW	5	c	45	95	7	5	2	-	7-8	10	800	1	3
Manston ...	997·5	-26	SW'S	5	c	47	85	7	5	2	-	7-8	10	1500	1	*
Shoeburyness ...	997·1	-20	SW'S	3	c	46	95	7	5	2	-	9	10	2500	1	*
Felixstowe ...	997·2	-20	S'E	4	o/r	44	95	6	5	-	-	10	10	1500	1	3
Gorleston ...	996·9	-18	S'E	5	c	43	95	6	5	-	-	9+	9+	2500	1	3
Mildenhall ...	994·2	-22	S'W	4	bcz	46	95	6	5	2	-	4-6	4-6	1500	1	*
Cranwell ...	992·7	-20	SE	3	cz	38	95	5	5	2	-	9+	10	1500	1	*
Birmingham ...	989·9	-32	S	4	c	44	85	7	6	-	-	9+	9+	800	1	*
Upper Heyford	992·9	-26	S	4	cq	45	95	7	5	3	-	7-8	9	800	1	*
Ross-on-Wye	990·9	-22	SW'S	5	cq	46	85	8	6	-	-	9	9	2500	1	*
Portland Bill ...	994·7	-10	WSW	4	rr	47	95	7	8	-	-	10	10	1500	2	4
Plymouth ...	994·1	-2	SW	5	c	47	95	8	5	-	-	9+	9+	1500	1	3
The Lizard ...	994·7	-4	WSW	6	c	44	85	8	8	2	-	7-8	9+	2500	1	4
Scilly (St. Mary's)	993·4	+2	W'N	7	bc	49	85	7	5	7	-	2-3	4-6	2500	1	4
Guernsey ..	998·7	-14	SW	5	c	50	95	6	8	-	-	10	10	2500	2	4
Pembroke ...	988·0	0	W	6	Q	45	85	7	5	6	-	4-6	4-6	2500	1	5
Holyhead ...	985·2	-16	S'E	2	c/r	43	85	7	9	2	-	4-6	9+	2500	1	3
Chester (Sealand)	987·9	-30	SE'S	2	RR	41	95	6	-	2	-	10	10	800	2	*
Manchester ...	988·7	-24	S'E	3	rr	41	95	6	6	2	-	4-6	10	1500	2	*
Spurn Head ...	991·5	-6	S	5	c	41	95	8	5	2	-	4-6	10	1500	1	4
Catterick ...	989·2	-16	S'E	1	bc	37	95	6	5	-	-	4-6	4-6	4000	1	*
Tynemouth ...	989·0	0	S	3	bc	39	85	7	2	-	-	4-6	4-6	2500	1	2
Inchkeith ...	985·7	+2	SSW	2	bc	40	85	8	5	-	-	4-6	4-6	2500	0	1
Leuchars ...	985·3	-2	SW	1	b	36	95	7	5	-	-	1	1	4000	1	*
Renfrew (Abbots I.)	984·9	-2	NE'E	2	bc	41	85	7	5	-	-	7-8	7-8	1500	1	*
Eskdalemuir ...	986·0	-14	E'SE	2	c	35	95	6	5	-	-	7-8	9+	1500	1	*
Point of Ayre...	984·7	-14	SSW	4	bc	43	85	8	8	-	-	4-6	4-6	2500	1	3
Tiree	979·3	0	S	5	c	42	85	7	5	-	-	7-8	7-8	1500	0	*
Stornoway ...	978·0	-2	S	8	c/pr	43	85	7	5	2	-	4-6	10	1500	1	4
Dalwhinnie ...	983·5	0	S	5	c	35	85	7	4	6	-	7-8	9	2500	6	*
Aberdeen ...	985·3	+4	SSW	3	bc	39	95	7	5	4	2	Tr	7-8	4000	1	1
Wick ...	982·1	+4	SSW	4	bc	42	85	7	8	7	-	4-6	4-6	1500	1	3
Lerwick ...	985·3	-4	SSE	5	bc	43	95	7	8	3	-	4-6	4-6	800	1	*
Blacksod Point	981·5	+4	W	4	Q	42	95	8	9	-	-	4-6	4-6	1500	6	4
Malin Head ...	981·0	+6	S	4	c	39	95	7	5	-	-	7-8	7-8	2500	1	2
Aldergrove ...	983·4	-4	S'W	3	c/pr	38	95	7	8	-	-	9+	9+	2500	1	*
Birr Castle ...	985·6	+4	SW	1	bc/pr	39	95	8	9	-	-	4-6	4-6	2500	1	*
Valentia Obsy. †	987·7	+18	WSW	5	l	46	65	8	8	-	-	2-3	2-3	1500	1	5
Roches Point	988·7	+16	W'N	4	bc	42	85	8	3	-	-	2-3	2-3	1500	1	4

PAST 24 HOURS.

Stations	Temperature Max. Day 7h–18h °F. (31)	Temperature Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 27th Hrs. (36)
London (Kew)	47	44	39	2	2	0·0
Croydon ...	48	44	40	4	1	0·5
S. Farnborough	48	44	39	4	2	0·6
Boscombe Down	49	41	39	8	3	1·3
Calshot (Sthmtn.)	51	45	41	6	5	1·7
Lympne ...	44	39	34	2	0·2	0·2
Manston ...	45	39	35	0·5	0·1	0·9
Shoeburyness ...	45	41	38	0·5	0·2	0·0
Felixstowe ...	44	40	37	1	Tr	0·6
Gorleston ...	45	41	40	Tr	0·2	0·0
Mildenhall ...	45	41	37	0·2	0·2	0·1
Cranwell ...	47	36	33	0·4	1	0·0
Birmingham ...	48	40	37	3	1	0·4
Upper Heyford	48	40	35	1	1	*
Ross-on-Wye	51	44	38	3	1	0·9
Portland Bill ...	50	45	*	5	4	*
Plymouth ...	51	44	41	2	11	2·2
The Lizard ...	51	41	*	1	7	*
Scilly (St. Mary's)	50	41	*	0·3	13	1·7
Guernsey ..	52	46	42	5	11	4·8
Pembroke ...	50	44	*	0·4	2	2·3
Holyhead ...	49	42	40	3	5	1·9
Chester (Sealand)	49	40	34	3	7	1·3
Manchester ...	47	40	36	5	8	0·8
Spurn Head ...	44	39	*	Tr	0·5	0·0
Catterick ...	44	36	30	2	2	0·0
Tynemouth ...	44	37	32	0·2	0·1	0·0
Inchkeith ...	45	38	32	-	1	0·2
Leuchars ...	42	35	30	0·5	1	0·0
Renfrew (Abbots I.)	46	38	35	1	4	0·0
Eskdalemuir ...	41	34	32	7	2	0·0
Point of Ayre...	49	39	*	5	1	1·9
Tiree	~~44~~ 46	40	39	1	2	0·8
Stornoway ...	46	40	*	0·4	3	0·0
Dalwhinnie ...	37	34	30	2	7	0·0
Aberdeen ...	43	36	29	1	0·3	0·0
Wick ...	43	41	*	Tr	-	*
Lerwick ...	44	42	*	0·1	3	2·1
Blacksod Point	49	40	*	2	4	*
Malin Head ...	46	38	*	0·6	-	1·4
Aldergrove ...	47	38	35	-	Tr	1·2
Birr Castle ...	50	38	32	0·4	1	3·6
Valentia Obsy. †	50	39	36	2	5	2·1
Roches Point	48	42	*	0·3	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 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew ...	18	crrbmo	cmo	cmorc	47	44	39	2	2	0·0	•	•	6
Croydon ...	217	crrrbro	crobcm	prrbrm	48	44	40	4	1	0·5	•	•	7
Greenwich (Royal Observatory) ...	149	cro r	rcb	crcbm	47	43	39	2	3	0·0	84	93	6
City (Bunhill Row) ...	—	•	•	•	•	•	•	•	•	0·0	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	49	44	36	3·5		0·0	83	88	•
Regents Pk. (Botanic Gardens)‡ ...	168	•	•	•	48	43	41	2	2	0·0	85	92	•
Camden Square ...	110	cr	crcbc	•	47	44	38	2	2	•	•	91	•
Kensington ...	80	c	crc	•	47	44	33	2	2	0·0	At 18h. 85	89	•
Hampstead Observatory ...	450	bcor	or	ornrc	46	41	29	2	2	0·0	•	89	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 28th

South Kensington. Max.	Time.	Min.	Time.
Defective Record			

Kew Observatory. Max.	Time.	Min.	Time.
0·4	16-17h 27th	<0·1	0-7h 28th

FOREIGN OBSERVATIONS.

18h. G.M.T. 27th January

Stations	Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.
Paris ...	1005·4	SSW	2	bzo	43
Brussels ...					
Berlin ...	1003·5	WNW	1	dodo	45
Zurich ...	1010·4	NW	1	o/r	41
Rome ...	1004·5	NW	2	bc	46

7h. G.M.T. 28th January

Stations	Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris ...	1005·1	S	4	o/r	46	45	41	3	3
Brussels ...	1003·3	SSW	4	o	43		39		0·4
Berlin ...	1006·4	SSE	1	of	37	45	37	2	0·2
Zurich ...	1016·2	W	2	bc	39	45	37	0·6	0·3
Rome ...	1005·0	NE	3	bc	43	*	*	4	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 29th January, 1936.
No. 27096.

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

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)	996·6	+10	WSW	4	c3o	50	65	6	5	-	8	4-6	7-8	2500
	Croydon ...	996·4	+10	WSW	4	c	51	65	6	2	7	-	2-3	9	2500
	S. Farnborough	997·0	+10	WSW	4	c	51	65	7	2	6	6	2-3	7-8	1500
	Boscombe Down	997·3	+20	WSW	4	c	48	75	7	5	7	-	2-3	7-8	2500
	Calshot (Sthmtn.)	998·4	+18	SW's	4	c	51	85	7	7	9	8	4-6	9	2500
	Lympne ...	998·1	-2	SWW	6	c	50	85	7	8	-	6	7-8	9+	1500
	Manston ...	997·1	-6	SW	5	c	52	75	8	8	-	6	4-6	7-8	1500
2	Shoeburyness ...	996·6	0	SW	5	c	51	75	7	8	7	-	4-6	7-8	2500
	Felixstowe ...	996·1	+6	SWW	4	bc/pr	48	85	7	8	3	8	4-6	4-6	1500
	Gorleston ...	994·3	-2	SSW	5	c/pr	49	85	7	9	-	-	7-8	7-8	1500
	Mildenhall ...	993·9	+4	W	4	bc	51	65	8	8	7	-	2-3	4-6	2500
	Cranwell ...	991·9	+14	SWW	5	bc	47	65	8	3	-	-	4-6	4-6	1500
3	Birmingham ...	993·6	+26	WSW	5	bc	46	55	8	1	-	-	2-3	2-3	1500
	Upper Heyford	995·1	+18	SWW	5	bcq	49	65	8	1	7	5	2-3	4-6	2500
4	Ross-on-Wye	995·2	+16	W's	4	bc	49	65	8	1	-	?	1	4-6	4000
5	Portland Bill ...	997·1	+16	SW	4	c	49	95	7	5	-	-	9	9	2500
	Plymouth ...	996·8	+6	SWW	4	c	49	85	7	5	3	8	2-3	9	4000
	The Lizard ...	995·8	0	S	3	c	49	95	7	5	1	-	9	10	1500
	Scilly (St. Mary's)	994·7	-10	S'W	2	c	49	85	7	8	7	-	2-3	10	2500
	Guernsey ...	999·0	-2	SW's	3	c	52	95	6	5	2	-	7-8	9+	2500
6	Pembroke ...	993·5	+16	WSW	3	c	47	75	7	5	2	-	4-6	9+	2500
7	Holyhead ...	990·6	+26	SW	4	b	46	75	8	2	-	-	1	1	2500
	Chester (Sealand)	991·9	+24	WS	4	bc	48	65	7	8	-	-	2-3	2-3	2500
8	Manchester ...	991·0	+20	W	4	bc3o	45	75	6	8	3	-	2-3	2-3	2500
10	Spurn Head ...	990·5	+12	W's	5	bc	46	75	7	7	2	-	2-3	4-6	2500
	Catterick ...	988·5	+14	W	4	c/r	42	85	8	8	-	-	4-6	7-8	2500
	Tynemouth ...	987·2	-2	SW	2	r0r0+	39	95	3	6	-	-	10	10	1500
11	Inchkeith ...	986·5	+10	S	2	1r0	38	95	6	5	2	-	7-8	9	800
	Leuchars ...	986·8	+10	S	2	r0r0	38	95	7	5	2	-	4-6	10	800
12	Renfrew (Abbots I.)	986·8	+18	N'E	1	m	43	85	4	8	-	-	9+	9+	1500
	Eskdalemuir ...	987·8	+14	ESE	1	rs	34	95	6	6	-	-	9+	9+	220
	Point of Ayre ...	989·4	+22	W	4	bc	46	75	8	1	-	-	4-6	4-6	1500
13A	Tiree	982·2	+12	S	5	bc	43	75	8	8	-	-	4-6	4-6	2500
13B	Stornoway ...	980·8	+6	SSW	6	c	43	85	7	8	7	-	7-8	9	1500
15	Dalwhinnie ...	985·9	+16	S	4	c	37	85	7	4	6	2	4-6	9+	2500
	Aberdeen ...	986·4	+2	SW	2	c3o	41	85	5	-	2	6	9+	9+	1500
	Wick ...	984·7	+16	S	4	bc	43	85	8	5	3	3	2-3	4-6	2500
16	Lerwick ...	987·0	+14	S	5	bc	43	95	9	8	8	-	4-6	4-6	1500
17	Blacksod Point	984·9	+10	WSW	4	c	46	75	8	9	-	-	7-8	7-8	800
18	Malin Head ...	983·7	+18	SSW	4	c/pr	42	95	7	9	9	-	4-6	7-8	1500
	Aldergrove ...	987·3	+20	SSW	3	bc	43	75	9	8	7	-	2-3	2-3	1500
19	Birr Castle ...	989·0	+14	SW	3	bc	47	65	8	5	-	-	4-6	4-6	2500
20	Valentia Obsy. †	989·4	-4	SSW	4	c	48	75	8	5	2	-	4-6	10	2500
	Roches Point	991·2	+4	SW	3	c	47	75	8	5	2	-	2-3	9+	1500

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

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)	995·5	-16	ESE	1	c3o	46	75	6	5	2	-	4-6	10	1500	1	*
	Croydon ...	995·7	-14	SE	2	c3o	47	75	5	5	-	-	10	10	4000	1	*
	S. Farnborough	994·9	-20	-	0	c	46	85	5	5	-	-	10	10	2500	1	*
	Boscombe Down	994·1	-26	SE'E	3	c3o	45	95	6	5	2	-	7-8	10	2500	1	*
	Calshot (Sthmtn.)	995·2	-20	E'S	2	rf	45	95	7	6	2	-	10	10	800	1	1
	Lympne ...	998·4	-4	S	2	rf	46	95	2	-	-	-	10	10	4150	1	§2
	Manston ...	997·5	-2	SSW	3	c	46	95	7	5	7	-	2-3	9+	4000	1	*
2	Shoeburyness ...	997·4	+2	S'W	2	c	44	85	6	-	7	-	0	10	-	1	*
	Felixstowe ...	997·2	+4	SSW	2	c3o	44	75	6	5	7	-	4-6	9+	2500	1	2
	Gorleston ...	996·7	+10	SSW	2	c	46	75	6	-	1	-	0	10	-	1	2
	Mildenhall ...	995·7	-4	S'W	1	c3o	43	85	6	-	7	-	0	7-8	-	1	*
	Cranwell ...	994·8	+6	-	0	c	41	75	7	-	3	6	0	7-8	-	1	*
3	Birmingham ...	994·3	-6	SSE	2	c	40	75	6	-	2	-	0	10	-	1	*
	Upper Heyford	995·0	-14	SSE	3	c	43	85	7	5	7	-	4-6	9+	1500	1	*
4	Ross-on-Wye	992·6	-20	SE	2	c	45	75	6	-	2	-	0	10	-	1	*
5	Portland Bill ...	991·9	-4	S	5	RR	46	95	7	5	-	-	10	10	1500	2	4
	Plymouth ...	988·9	-56	ENE	4	rr	47	95	5	6	-	-	10	10	1500	1	3
	The Lizard ...	985·5	-70	SE'S	4	rr	49	95	6	6	-	-	10	10	800	1	3
	Scilly (St. Mary's)	982·9	-76	SW'S	5	c/r	49	95	7	5	-	-	10	10	1500	1	3
	Guernsey ...	993·1	-40	S	5	1r	50	95	7	5	-	-	10	10	2500	2	4
6	Pembroke ...	988·7	-32	SE	3	c	45	95	7	5	2	-	9	10	2500	1	2
7	Holyhead ...	989·8	-18	SSE	2	c	44	95	7	1	1	-	Tr	10	1500	1	2
	Chester (Sealand)	992·2	-6	SE'E	3	c3o	41	75	6	8	-	7	2-3	10	2500	2	*
8	Manchester ...	992·5	-12	S'E	1	c3o	41	85	5	-	1	-	0	10	-	2	*
10	Spurn Head ...	993·7	+12	SSW	3	c	40	95	7	5	2	-	2-3	7-8	2500	0	2
	Catterick ...	992·0	+8	SWW	1	bc	41	75	8	8	-	-	4-6	4-6	2500	1	*
	Tynemouth ...	990·3	+20	W	2	bc	41	85	6	5	-	-	4-6	4-6	800	1	2
11	Inchkeith ...	988·8	+16	SW	3	c	40	85	7	5	1	-	4-6	7-8	1500	0	2
	Leuchars ...	989·2	+16	W	1	c	34	95	5	8	-	-	7-8	7-8	1500	1	*
12	Renfrew (Abbots I.)	988·7	+14	S	2	bc3o	40	85	6	8	-	-	4-6	4-6	2500	1	*
	Eskdalemuir ...	990·0	+12	SW	4	bc	37	95	8	5	-	-	4-6	4-6	1500	1	*
	Point of Ayre ...	989·8	+10	SW'S	3	bc	43	85	8	4	-	-	4-6	4-6	2500	1	2
13A	Tiree	984·2	+12	S'E	4	bc	41	95	8	8	-	3	4-6	4-6	2500	1	5
13B	Stornoway ...	982·7	+10	S	7	c	44	85	8	8	7	-	7-8	9	1500	1	4
15	Dalwhinnie ...	987·7	+12	S	3	c	35	85	6	4	6	-	7-8	9+	2500	1	*
	Aberdeen ...	988·2	+6	SW	2	bc3o	37	95	5	-	7	-	0	4-6	-	1	1
	Wick ...	986·7	+14	S	3	bc	42	85	8	4	4	-	2-3	4-6	2500	1	3
16	Lerwick ...	989·7	+18	S	5	c	43	95	8	8	7	-	4-6	7-8	1500	1	*
17	Blacksod Point	984·6	-4	ESE	4	c	45	95	7	9	-	-	7-8	7-8	800	1	4
18	Malin Head ...	985·3	+12	S'W	3	b	41	95	7	8	-	-	1	1	2500	1	2
	Aldergrove ...	987·6	0	SSE	2	c	41	85	7	5	3	-	2-3	7-8	4000	1	*
19	Birr Castle ...	988·8	-12	S	1	c	42	85	7	5	-	-	10	10	2500	1	*
20	Valentia Obsy. †	985·8	-14	SE'S	3	c	45	85	8	5	1	-	4-6	10	2500	1	5
	Roches Point	987·2	-18	S'E	2	c	46	95	8	6	2	-	7-8	9+	1500	1	4

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 28th. (37)	13h.—18h. 28th. (38)	18h. 28th. to 1h. 29th. (39)	1h.—7h. 29th. (40)
1	London (Kew)	cr0cm0	c3o	crrm0	cm0
	Croydon ...	r0rrbc	bcc3o	rrRRm	cdlr0
	S. Farnborough	r0bc⊕	ccm0c	oRRm0	rrr0m0
	Boscombe Down	rrlr0c	cm0	oRr	orrc
	Calshot (Sthmtn.)	crPRc	cm0crr	crRR	cir0
	Lympne ...	orcpr	bcmr0f	r0Prr	crrF
	Manston ...	cirr0	c	orcir	crqod0
2	Shoeburyness ...	crrc	cm0	cm0rr	rrldc
	Felixstowe ...	ir0cprq	bcc3o	cz0rR	orcd0d0
	Gorleston ...	cpr0q	cbcc	corr0	orcq
	Mildenhall ...	bcmrbc	bccm0	cRR	cm0m0
	Cranwell ...	cIRtlrbc	bc	bccrr	crrm0
3	Birmingham ...	bc	bcc	corr	oRF
	Upper Heyford	cr0bcq	bcqc	cRRr0	cRRlR
4	Ross-on-Wye	bcbbc⊕	cc	cORR	ror0
5	Portland Bill ...	cc	crr	orr	oprc
	Plymouth ...	cbcc	corrm0	oRm0cr0	cbccd0q
	The Lizard ...	c	corrm	rprbc	cq
	Scilly (St. Mary's)	bcc	orrm0	podpq	cpr0c
	Guernsey ...	oc	orrir	oprbc	oircq
6	Pembroke ...	bcqprc	cm0	oqm0rro	cq
7	Holyhead ...	prcbc	bcc	cld0	id0r0c
	Chester (Sealand)	pRRcprbc	bccm0	orro	orr
8	Manchester ...	RRpr	bcbz0c	cr0r	cir0m0
10	Spurn Head ...	cprbc	bcc	cpr	pr0c
	Catterick ...	orr0r0c	cbc	bcc	r0r0m0dr0
	Tynemouth ...	oirff	oir0ffbc	bcffmo	orr
11	Inchkeith ...	bccir	irc	cbc	bccz
	Leuchars ...	cr0r0	cr0bcm0	cmbcpr	bcm0cm
12	Renfrew (Abbots I.)	bccprm	cmbcz0	bcz0f	bcfcm
	Eskdalemuir ...	Pssrs	r0sbc	bcofc	c
	Point of Ayre ...	rrbc	bc	bcoz	zo
13A	Tiree	bc	bcPR	bcb	bbc
13B	Stornoway ...	cpr0	cpr	cpr0	ber0
15	Dalwhinnie ...	cIr0	irbc	*	cbc
	Aberdeen ...	bccm0	cbcz0	bcbxm0	bxcm0
	Wick ...	bc	bc	bc	bc
16	Lerwick ...	bccpr	bcc	cmm0	cir
17	Blacksod Point	PRhq	PHRq	prcq	cbc
18	Malin Head ...	bccpr0	cpr0bc	bcbbc	bc
	Aldergrove ...	cpr0bc	bVbc	bcw	bx
19	Birr Castle ...	bcprbc	bcc	cbc	bcx
20	Valentia Obsy. †	bclpr0c	c	cpr0bc	crrbc
	Roches Point	bcc	c	ir0bc	bxbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). o, 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.*

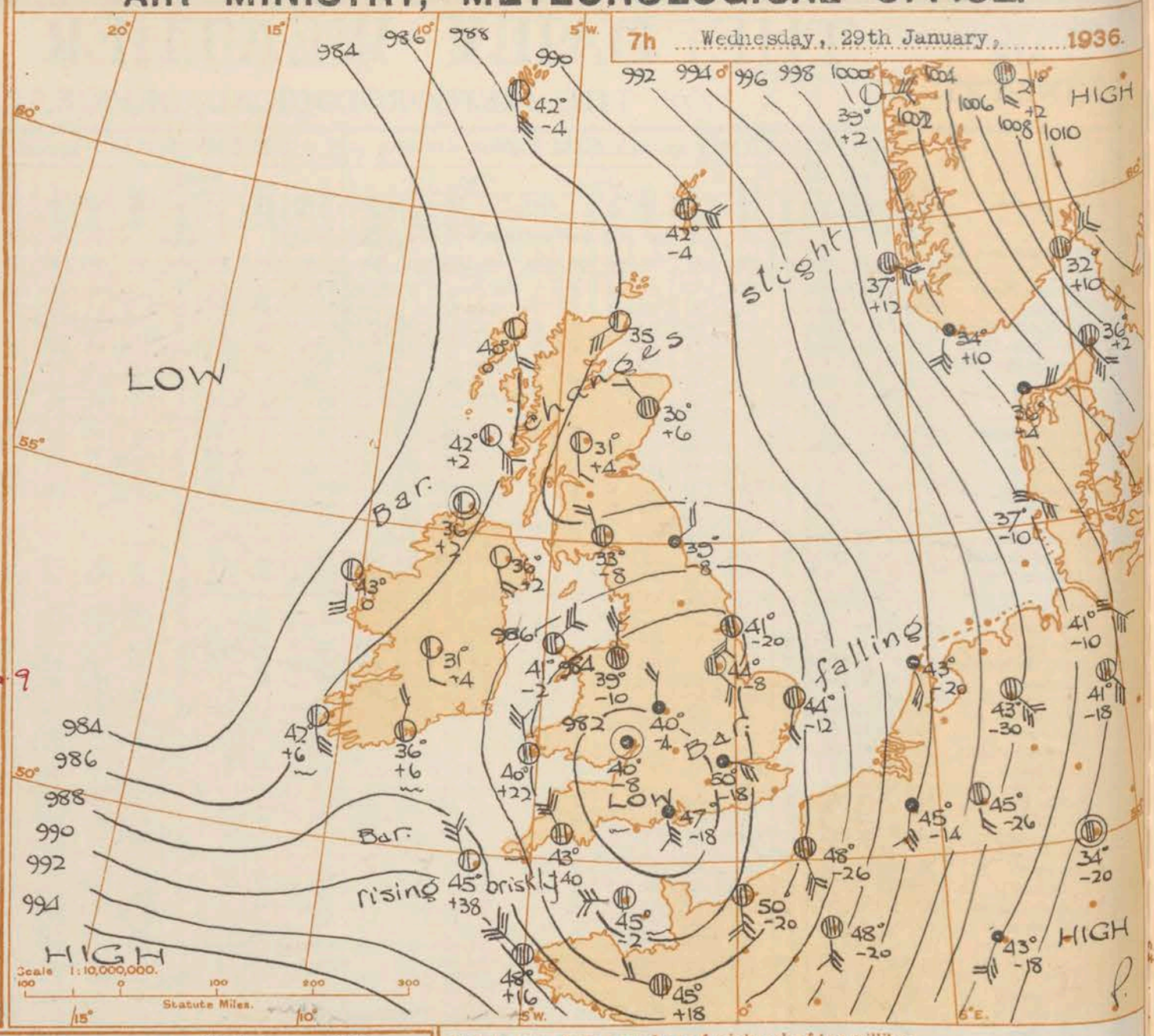
§ Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 28th January 1936.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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 Sunset. 28th
1	Tunbridge W.	rocbc	bcobc	42	52	5	Trace	2·0
	Bournemouth	cc	o	43	51	4	-	1·6
	Ventnor ...	orb	bcorm	43	52	2	1	4·8
	Southsea ...	cb	bcco	44	52	5	-	2·9
	Bognor Regis	rrbc	bcbcr	45	51	5	1	3·0
	Littlehampton	crcbc	bccr	44	51	3	0·6	3·4
	Worthing ...	crbc	bccr	44	50	3	0·3	3·6
	Brighton ...	rbc	b	43	49	2	1	3·6
	Eastbourne†	iroc	cbcco	45	51	3	0·5	2·1
	Hastings† ...	corcbc	bcco	45	50	2	1	1·8
	Folkestone ...	oroc	cbcc	42	50	1	0·1	1·3
	Dover... ...	orbc	bcrc	42	50	1	0·2	1·9
	Deal	roc	bcc	42	52	1	0·5	1·5
	Ramsgate ...	dcbc	bcc	42	52	0·3	0·2	2·1
	Margate ...	crdbc	bc	42	53	0·2	1	*
2	Southend ...	orc	co	41	50	1	0·6	1·5
	Maldon ...	rc	co	39	50	1	-	0·4
	Clacton-on-Sea	cbc	bcc	40	49	1	-	0·1
	Dovercourt ...	bcpbc	pbcoc	40	50	1	Trace	0·7
	Lowestoft ...	ircbc	rcbc	40	49	0·5	Trace	3·0
	Skegness ...	phbc	bcm	40	50	0·4	2	3·3
	Mablethorpe	cpbc	bc	39	49	1	-	4·9
	Cleethorpes ...	cr	bc	37	48	1	1	4·6
3	Leamington S.	ocb	bcc	40	50	1	-	4·9
4	Cheltenham†	bcbbc	bcc	42	50	2	-	3·5
5	Bath	rcbc	cc	45	49	1	Trace	1·5
	Weymouth ...	bcc	ccr	45	52	6	1	0·7
	Jersey ...	rcdc	bcc	46	50	5	3	0·2
	Torquay ...	bc	corm	44	53	9	2	2·4
	Penzance ...	bcc	ccrr	42	51	17	7	1·0
	St. Ives ...	c	r	40	51	15	6	~~0·0~~ 0·9
	Bude	bcc	cor	41	49	2	0·3	0·0
	Ilfracombe ...	poc	o	43	49	1	-	0·4
6	Aberystwyth	prcbc	bcc	39	47	4	-	3·6
7	Llandudno ...	cbcb	bbcc	40	47	7	-	4·1
	Colwyn Bay...	cbcbc	bcbco	39	48	8	-	3·4
	Rhyl	prcbc	bbcc	38	49	9	0·1	5·2
8	Wallasey ...	rcbcb	bbcco	40	48	12	Trace	4·1
	Southport‖ ...	roc	bcco	39	46	10	2	3·0
	Blackpool ...	orc	bcc	40	45	4	2	3·7
	Morecambe ...	rrbc	bcbbc	39	45	6	3	2·5
9	Ilkley... ...	amrso	orcbc	33	43	19	7	2·2
	Harrogate ...	Rscr	rcb	35	42	9	12	1·9
10	Berwick-on-T.	or	rocbc	36	40	1	2	1·1
11	Dunbar ...	cr	bc	39	43	0·3	0·3	1·4
12	Troon... ...	cocbc	cbcbc	39	45	5	-	0·6
	Douglas ...	ccb	cb	42	46	Trace	-	4·8

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



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 29th Jan. 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Variable wind, finally southwesterly, moderate or fresh; occasional rain at first, bright periods and local showers later; rather mild.
4 W. Midlands ...	Light or moderate southwest wind; mainly fair; rather mild.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England	Moderate southwest wind, fresh to strong locally on coasts; bright periods, local showers of rain or hail; rather mild.
9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Light variable winds, becoming southwest; cloudy with local rain at first, fair later; local morning fog; average day temperature, frost locally tonight.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland 15 N. E. Scotland	Light or moderate variable winds, finally south to southwest; mainly fair, local showers; average day temperature, frost locally at night.
16 Orkneys and Shetlands	Fresh east wind; mainly cloudy, showers; average temperature.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Light or moderate southwest wind, backing and freshening tomorrow; fair apart from local showers, rain spreading eastwards later tomorrow; local morning fog; average day temperature, frost locally tonight. L. D.

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 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 deep depression remains centred northwest of Ireland and a depression over Southern England will move northeast. There will be rain at first in the East and Midlands followed by brighter conditions. Elsewhere there will be bright periods and local showers.

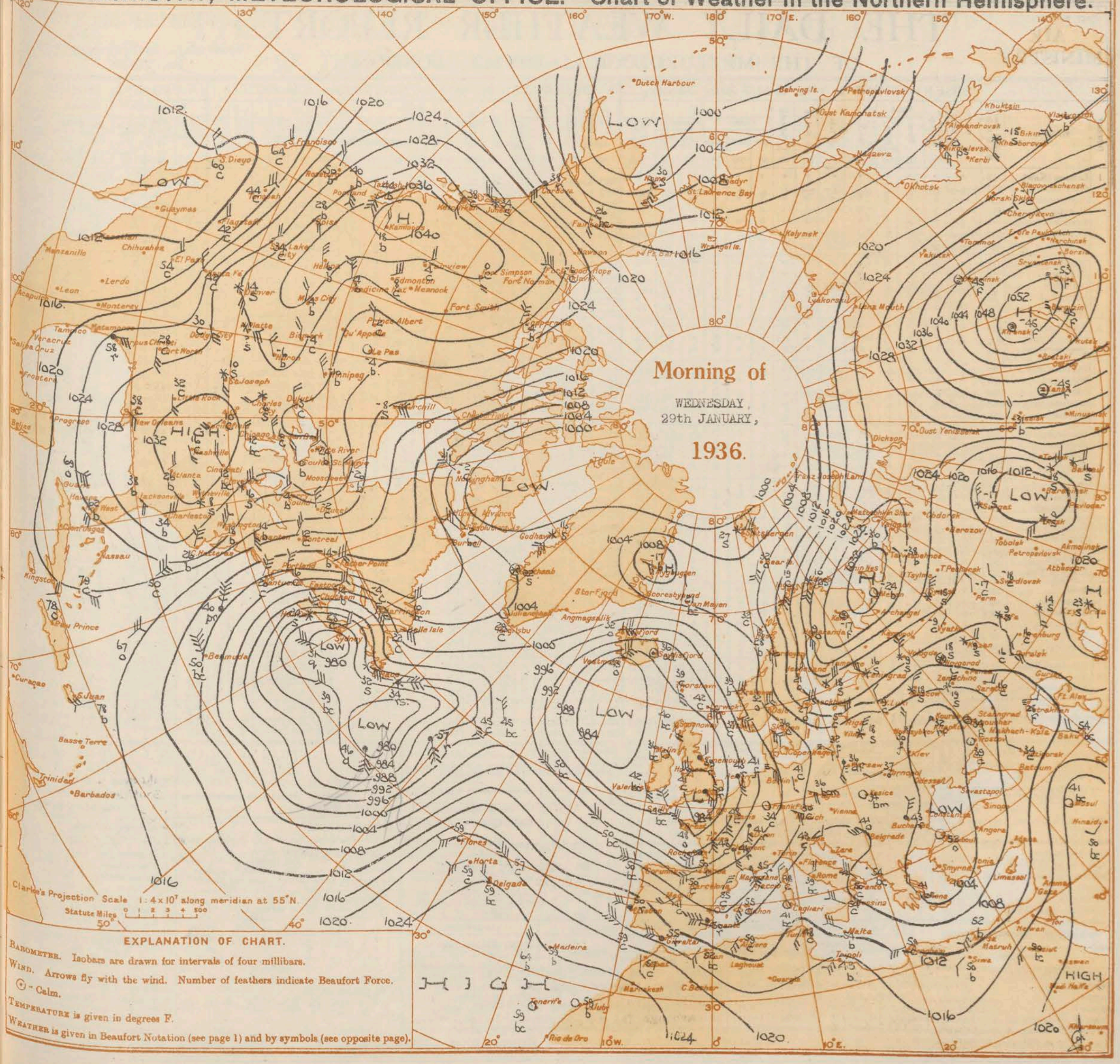
FURTHER OUTLOOK.

Unsettled; rather mild.

Forecasts issued at 1040 G.M.T.

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

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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, 29th January, 1936.
No. 27096.

OBSERVATIONS at 1 hr. G.M.T. 29th January

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	986·2	-30	S	4	dd	47	95	6	6	2	-	9+	10	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	985·4	-38	SE	4	ir	44	95	6	6	-	-	10	10	800
	Manston ...	142	985·3	-26	S	5	ir	45	95	6	5	2	-	7-8	10	1500
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	986·5	-28	SE	4	rr	42	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	988·1	-14	SSW	4	o	43	95	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	978·8	-20	SSW	5	c	47	95	7	5	2	-	7-8	10	1500
	Scilly (St. Mary's)	163	980·1	+18	N'W	7	c	44	95	7	8	-	-	7-8	7-8	1500
	Guernsey ..	175	985·7	-22	S	4	bc	50	95	6	-	1	-	0	4-6	-
6	Pembroke ...	142	979·6	-20	NNE	4	rr	39	95	6	6	-	-	10	10	1500
7	Holyhead ...	26	985·7	-12	E'N	4	id	42	85	7	5	-	-	10	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	988·3	-18	ESE	5	pr	40	85	7	6	2	-	4-6	9+	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	990·1	-8	SW	2	o	38	85	6	5	-	-	10	10	1500
11	Inchkeith ...	190	989·2	+2	NNE	1	bc	39	95	7	5	-	-	4-6	4-6	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	987·5	-4	S'E	3	oz	42	95	6	5	-	-	10	10	800
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	985·2	+2	S	5	c	42	95	8	8	7	-	4-6	9	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	987·2	-2	SSW	3	bc	40	95	7	5	-	-	2-3	2-3	1500
16	Lerwick ...	156	989·7	-6	ESE	6	rr	40	95	6	6	-	-	10	10	800
17	Blacksod Point	18	985·7	-6	S	3	bc	44	95	7	9	-	-	4-6	4-6	1500
18	Malin Head ...	52	985·3	-2	S	1	bc	39	95	8	5	3	-	2-3	4-6	4000
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	985·7	0	S'W	3	bcl	42	95	8	9	-	-	2-3	2-3	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 29th January

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)	982·3	-14	S	3	cz	50	85	6	6	2	-	7-8	10	800	2	*
	Croydon ...	982·7	-18	SE	3	rr	50	95	7	6	2	-	9+	10	1500		*
	S. Farnborough	981·3	-20	S	4	dr	49	95	6	5	-	-	9	9	800	2	*
	Boscombe Down	980·7	-10	SW	3	o	46	95	7	5	-	-	10	10	1500	1	*
	Calshot (Sthmtn.)	981·8	-18	SSE	4	ir	47	95	8	5	7	-	4-6	10	1500	1	3
	Lympne ...	985·6	-18	SSE	4	rf	46	95	1	-	-	-	10	10	1500	1	3
	Manston ...	985·5	-14	S	4	dd	47	95	7	6	2	-	4-6	10	800	1	*
2	Shoeburyness ...	984·7	-20	SE	4	[illegible]	46	95	7	6	2	-	9	10	1500	1	*
	Felixstowe ...	985·9	-16	SSE	4	id	44	95	6	6	2	-	9	10	1500	1	3
	Gorleston ...	986·0	-12	S	4	o	44	95	6	5	-	-	10	10	2500	1	3
	Mildenhall ...	983·9	-14	SSE	3	cz	47	95	6	5	-	-	10	10	1500	1	*
	Cranwell ...	983·7	-8	SE	2	cz	44	95	5	5	2	-	9	10	1500	1	*
3	Birmingham ...	982·0	-4	NNE	2	df	40	95	2	6	-	-	10	10	800	1	*
	Upper Heyford	981·7	-10	SE	3	ir	47	95	6	6	2	-	7-8	9+	800	1	*
4	Ross-on-Wye	981·4	-8	-	0	rr	40	95	4	6	-	-	10	10	800	1	*
5	Portland Bill ...	979·1	-18	SSW	4	o	47	95	7	5	-	-	10	10	1500	2	4
	Plymouth ...	982·7	+40	NW	6	cq	43	85	8	5	-	-	9+	9+	2500	1	3
	The Lizard ...	986·3	+42	WNW	6	cc	45	85	7	8	6	-	4-6	7-8	2500	1	4
	Scilly (St. Mary's)	988·2	+38	NNW	5	bc	45	85	8	8	-	-	4-6	4-6	2500	1	3
	Guernsey ..	989·6	-2	W'N	7	cq	45	85	7	8	-	-	10	10	2500	1	5
6	Pembroke ...	989·2	+22	N	4	cq	40	95	7	8	-	-	9	9	2500	1	3
7	Holyhead ...	984·5	-2	NE	5	c	41	95	7	2	1	-	1	9+	1500	1	3
	Chester (Sealand)	983·3	-10	NNE	4	oz	39	85	6	5	-	-	10	10	2500	2	*
8	Manchester ...	982·7	-12	ENE	4	ir	39	85	6	5	-	-	10	10	1500	2	*
10	Spurn Head ...	983·8	-20	SW'S	4	c	41	95	6	5	2	-	4-6	9+	1500	1	3
	Catterick ...	985·4	-18	NNE	3	dr	38	95	5	5	-	-	10	10	1500	1	*
	Tynemouth ...	987·4	-8	NE	2	ir	39	95	7	6	-	-	10	10	1500	1	1
11	Inchkeith ...	988·3	-4	NE	2	c	37	95	7	5	1	-	4-6	9	1500	0	2
	Leuchars ...	988·8	0	-	0	c	34	95	5	5	2	-	4-6	7-8	4000	1	*
12	Renfrew (Abbotsl.)	988·5	0	-	0	cm	32	95	4	-	1	-	0	9+	-	1	*
	Eskdalemuir ...	987·5	-8	NNW	2	c	33	95	7	5	-	8	4-6	9+	1500	1	*
	Point of Ayre...	986·5	-4	ENE	4	o	40	95	7	5	-	-	10	10	1500	1	2
13A	Tiree	985·5	+2	SE	4	bc	42	95	7	5	-	-	4-6	4-6	2500	0	-
13B	Stornoway ...	986·2	0	SSE	2	bc	40	95	8	5	7	-	2-3	4-6	1500	1	1
15	Dalwhinnie ...	989·0	+4	S	1	bc	31	95	7	4	6	1	2-3	4-6	2500	4	*
	Aberdeen ...	989·1	+6	NW'N	1	oz	30	95	5	5	-	-	10	10	2500	4	1
	Wick ...	987·7	0	SW	3	bc	35	95	8	5	-	-	4-6	4-6	1500	1	2
16	Lerwick ...	988·8	-4	ESE	4	c	42	95	8	8	7	-	4-6	7-8	1500	1	*
17	Blacksod Point	984·6	0	S	3	bc	43	85	7	4	-	-	4-6	4-6	1500	1	3
18	Malin Head ...	985·3	+2	-	0	bc	36	95	8	5	-	-	2-3	2-3	4000	0	1
	Aldergrove ...	986·5	+2	SSE	2	b	36	95	7	-	7	-	0	1	-	1	*
19	Birr Castle ...	986·8	+4	S	1	bc	31	95	8	-	4	-	0	2-3	-	1	*
20	Valentia Obsy. †	986·6	+6	SSE	3	bc	42	85	8	5	-	-	4-6	4-6	1500	1	4
	Roches Point	987·6	+6	NNE	2	bc	36	95	8	5	-	-	2-3	2-3	2500	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 24h Hrs. (36)
1	London (Kew)	51	45	42	0·2	17	1·1
	Croydon ...	52	45	44	3	21	1·3
	S. Farnborough	51	43	42	0·3	21	1·4
	Boscombe Down	48	44	41	0·4	18	1·4
	Calshot (Sthmtn.)	53	44	44	3	17	2·2
	Lympne ...	52	43	42	1	9	1·1
	Manston ...	53	45	43	0·6	6	2·1
2	Shoeburyness ...	52	44	41	2	9	1·0
	Felixstowe ...	50	42	39	0·2	8	0·6
	Gorleston ...	50	40	38	Tr	7	3·0
	Mildenhall ...	51	42	40	-	10	4·7
	Cranwell ...	47	37	34	1	4	4·4
3	Birmingham ...	48	36	36	-	11	5·1
	Upper Heyford	49	40	38	Tr	17	*
4	Ross-on-Wye	49	39	37	-	10	3·2
5	Portland Bill ...	50	45	*	6	12	*
	Plymouth ...	51	43	41	7	11	1·0
	The Lizard ...	50	44	*	14	1	*
	Scilly (St. Mary's)	49	42	*	11	1	0·4
	Guernsey ..	53	45	43	5	7	0·6
6	Pembroke ...	47	38	*	0·6	8	2·4
7	Holyhead ...	47	40	39	0·2	1	4·4
	Chester (Sealand)	48	38	36	7	6	4·9
8	Manchester ...	48	37	33	15	2	3·5
10	Spurn Head ...	46	39	*	1	4	4·4
	Catterick ...	44	34	31	3	1	2·6
	Tynemouth ...	42	38	32	3	3	1·0
11	Inchkeith ...	42	36	30	2	-	1·4
	Leuchars ...	40	29	24	2	0·1	0·1
12	Renfrew (Abbotsl.)	45	32	28	1	-	1·3
	Eskdalemuir ...	39	33	31	6	Tr	0·3
	Point of Ayre...	46	39	-	4	-	4·5
13A	Tiree	45	36	34	2	-	4·5
13B	Stornoway ...	44	39	*	4	1	0·7
15	Dalwhinnie ...	38	25	18	Tr	-	1·1
	Aberdeen ...	43	28	20	-	-	0·6
	Wick ...	44	34	*	-	-	*
16	Lerwick ...	44	39	*	1	0·4	1·4
17	Blacksod Point	47	40	*	1	1	*
18	Malin Head ...	43	35	*	0·2	-	4·3
	Aldergrove ...	44	33	29	Tr	Tr	5·0
19	Birr Castle ...	48	30	22	0·1	-	3·2
20	Valentia Obsy. †	48	37	32	0·3	7	0·6
	Roches Point	47	35	*	-	0·2	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon	Weather Night	Temperature Day Max. °F.	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	crcm	cz	crm	51	45	42	0·2	17	1·1	*	*	6
CROYDON	217	rrrbc	bccz	RRcld	52	45	44	3	21	1·3	*	*	6
GREENWICH (Royal Observatory)...	149	c	c ⊕	crrdc	52	44	39	-	15	0·4	61	92	6
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·2	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	52	41	39	15		0·3	64	89	*
REGENTS PK. (Botanic Gardens)‡...	168	*	*	*	51	45	41	0·2	17	0·7	70	92	*
CAMDEN SQUARE	110	ccp	c	*	50	45	39	0·5	17	*	*	91	*
KENSINGTON	80	cpbc	bc	*	51	45	40	Tr	17	0·8	At 18h. 78	91	*
HAMPSTEAD OBSERVATORY	459	c	bcc	or	49	42	30	?	?	0·4	*	94	*

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	17-18h 28th	<0·3	2-3h 29th

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
0·7	18h 28th	<0·1	0-7h 29th.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 28th January Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 29th January Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
PARIS	1002·7	SSW	3	cz	50	989·8	S	4	c/r	48	52	46	Tr	0·4
BRUSSELS	1001·1	SSW	4	o	48	990·3	SSE	4	rr	45	50	45	3	0·6
BERLIN	1005·8	S'E	2	cz	41	1001·5	SSE	1	cz	41	36	37	0·4	0·1
ZURICH	1012·4	ESE	1	bc	43	1005·0	NNW	1	cf	32	52	?	-	-
ROME	1008·2	NW	3	b	46	1009·4	ENE	2	c	39	*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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, 30th January 1936.
No. 27097.

OBSERVATIONS at 13h. G.M.T. 29th January

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Cloud. Height of Base (feet) (14)	SUNSHINE 28th Hrs. (36)
1	London (Kew)	982·9	+2	SW'S	1	ld₀	48	95	4	6	2	-	7-8	10	800	1·1
	Croydon ...	982·7	+2	SSW	3	d₀d₀	46	95	5	6	-	-	10	10	800	1·3
	S. Farnborough	983·2	+10	W'S	2	ir₀	47	95	6	6	2	-	9	10	800	1·4
	Boscombe Down	985·4	+36	WNW	4	c	41	95	7	5	2	-	7-6	10	800	1·4
	Calshot (Sthmtn.)	985·0	+34	W	5	c/d	45	95	7	5	2	-	9+	10	800	2·2
	Lympne ...	985·0	0	SSW	4	c	45	95	7	5	-	-	10	10	1500	1·1
	Manston ...	984·6	0	SW	5	c/d	47	85	8	5	-	-	10	10	1500	2·1
2	Shoeburyness ...	983·9	0	S	4	c/r	47	85	8	8	1	-	7-8	10	1500	1·0
	Felixstowe ...	984·5	-2	SE'S	4	c/d	45	95	7	6	2	-	7-8	9+	1500	0·6
	Gorleston ...	984·7	-6	SSE	3	c/r	44	95	5	6	-	-	10	10	1500	3·0
	Mildenhall ...	982·5	-6	S'W	3	c/r	50	95	6	6	7	-	9	10	800	4·7
	Cranwell ...	983·4	0	-	0	rf	45	95	3	6	2	-	10	10	800	4·4
3	Birmingham ...	984·3	+12	WNW	3	d₀df	38	95	2	-	-	-	10	10	4150	5·1
	Upper Heyford	984·0	+22	NW	4	rf	40	95	3	-	2	-	10	10	220	*
4	Ross-on-Wye	986·1	+20	W'N	3	c	41	85	8	5	-	-	10	10	2500	3·2
5	Portland Bill ...	987·3	+34	NW	6	c	48	85	7	4	-	-	10	10	2500	*
	Plymouth ...	991·0	+38	NW	4	bc	47	75	8	7	-	2	4-6	4-6	2500	1·0
	The Lizard ...	992·8	+22	WNW	4	c	45	85	8	8	7	-	4-6	7-8	2500	*
	Scilly (St. Mary's)	992·4	+14	W'N	3	cjp	48	85	8	8	-	-	7-8	7-8	2500	0·4
	Guernsey ...	990·4	+36	WNW	7	bcq	48	75	7	5	1	-	2-3	4-6	2500	0·6
6	Pembroke ...	989·4	+20	NW	3	c	45	75	8	8	6	-	4-6	7-8	4000	2·4
7	Holyhead ...	988·1	+18	W'N	4	c	44	85	6	2	3	6	4-6	9	2500	4·4
	Chester (Sealand)	986·5	+12	NW	4	ld₀	41	85	6	6	2	-	4-6	10	2500	4·9
8	Manchester ...	984·6	+10	NW	2	m	41	85	4	5	2	-	7-8	10	1500	5·5
10	Spurn Head ...	983·8	0	WSW	3	rf	42	95	1	5	-	-	10	10	4150	4·4
	Catterick ...	984·2	-6	N'W	3	d₀d₀	39	95	5	-	2	-	10	10	450	2·6
	Tynemouth ...	984·6	-12	NE	3	ir	42	95	5	6	-	-	10	10	1500	1·0
11	Inchkeith ...	989·4	+4	NE	2	cm	38	95	4	5	1	-	4-6	10	800	1·4
	Leuchars ...	989·7	-2	NW	1	c/r	36	95	4	5	2	-	7-8	10	2500	0·1
12	Renfrew (Abbots I.)	989·6	0	-	0	cf+	37	95	2	-	-	8	0	7-8	-	1·3
	Eskdalemuir ...	987·7	-4	N'E	4	ir₀	37	95	6	6	2	-	7-8	10	1500	0·3
	Point of Ayre...	988·1	+4	N'E	3	c	42	85	7	5	4	-	7-8	7-8	2500	4·5
13A	Tiree ...	987·7	+6	SE	4	c	44	85	6	2	3	9	7-8	7-8	1500	4·5
13B	Stornoway ...	988·2	+6	SSE	2	bc	45	75	8	5	7	-	2-3	4-6	1500	0·7
15	Dalwhinnie ...	990·4	+6	NE	1	c	34	95	7	4	2	-	7-8	9+	2500	1·1
	Aberdeen ...	990·6	+4	NW'N	2	c/f	35	95	5	9	3	-	9	9+	1500	0·6
	Wick ...	990·4	+10	SE	3	c	43	75	8	5	7	4	4-6	7-8	2500	*
16	Lerwick ...	993·0	+20	S'E	4	bc	43	95	7	8	7	9	4-6	4-6	1500	1·4
17	Blacksod Point	984·9	-4	S	5	c	46	85	8	9	-	-	10	10	1500	*
18	Malin Head ...	987·1	+2	S	3	bc	43	95	7	8	8	-	2-3	2-3	1500	4·3
	Aldergrove ...	988·4	+2	SSE	1	bs/f	42	75	6	5	-	6	Tr	2-3	1500	5·0
19	Birr Castle ...	988·4	+4	S'E	1	bc	47	75	8	-	-	2	0	2-3	-	3·2
20	Valentia Obsy. †	988·2	0	SSW	4	pr₀	48	85	8	9	-	1	9	9	1500	0·6
	Roches Point	989·9	+12	SW	1	bc3₀	46	85	6	3	-	1	1	2-3	1500	*

OBSERVATIONS at 18h. G.M.T. 29th January

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)	991·3	+56	W	4	c3₀	43	75	5	5	-	-	9+	9+	1500	1	*
	Croydon ...	991·1	+58	WNW	4	c/d	42	85	6	5	-	-	10	10	2500	1	*
	S. Farnborough	992·5	+46	W'N	3	bc	42	75	7	5	-	-	4-6	4-6	2500	2	*
	Boscombe Down	992·9	+46	W	3	bc	39	85	7	5	-	-	2-3	2-3	2500	1	*
	Calshot (Sthmtn.)	993·6	+50	WSW	3	bc	42	85	8	-	4	3	0	2-3	-	1	1
	Lympne ...	990·3	+48	W	5	c3₀	41	85	6	5	2	-	9	10	1500	1	§4
	Manston ...	988·9	+42	SW	5	c/d	43	85	6	5	-	-	10	10	1500	1	*
2	Shoeburyness ...	989·2	+48	W	4	c	43	85	5	6	-	-	10	10	1500	1	*
	Felixstowe ...																
	Gorleston ...	985·8	+16	S	3	r₀r₀	45	95	6	6	-	-	10	10	1500	1	3
	Mildenhall ...	987·5	+44	NW'N	4	cf+	43	95	3	6	-	-	10	10	800	1	*
	Cranwell ...	987·2	+40	W'S	4	rf	40	95	3	6	2	-	10	10	800	1	*
3	Birmingham ...	991·0	+36	W	4	bc	39	85	6	5	-	-	2-3	2-3	2500	1	*
	Upper Heyford	991·0	+44	W'N	4	bc	39	85	7	5	4	-	1	2-3	1500	1	*
4	Ross-on-Wye	992·7	+32	W'S	2	b	40	75	6	5	-	1	Tr	1	4000	1	*
5	Portland Bill ...	994·5	+40	WNW	3	c	46	85	7	4	4	-	4-6	7-8	2500	1	4
	Plymouth ...	995·1	+28	WSW	3	bc3₀	46	95	7	3	-	1	1	2-3	2500	1	2
	The Lizard ...	995·8	+28	WSW	4	bc	47	85	8	8	-	-	4-6	4-6	2500	1	3
	Scilly (St. Mary's)	995·4	+12	W'N	5	c	46	85	8	8	-	-	7-8	7-8	2500	1	3
	Guernsey ...	996·2	+36	WNW	4	bc	46	85	7	-	1	-	0	4-6	-	1	4
6	Pembroke ...	991·2	+10	WSW	3	bc	46	85	7	8	-	-	4-6	4-6	2500	1	2
7	Holyhead ...	990·8	+18	SW'W	1	b	41	85	6	5	-	1	1	1	2500	1	2
	Chester (Sealand)	990·5	+30	WNW	4	bc3₀	40	85	6	8	-	-	4-6	4-6	2500	2	*
8	Manchester ...	988·9	+26	NWW	4	c3₀	39	95	5	5	7	-	4-6	10	2500	1	*
10	Spurn Head ...	983·7	0	W'N	4	rf	41	95	2	5	-	-	10	10	4150	1	3
	Catterick ...	986·5	+18	NW'N	4	ir₀	39	95	7	5	6	-	9	10	1500	1	*
	Tynemouth ...	985·2	+8	N	3	rr	42	95	6	6	-	-	10	10	1500	1	2
11	Inchkeith ...	989·2	-2	NW	3	ir₀	39	95	7	5	2	-	9	9	1500	1	2
	Leuchars ...	989·8	+2	NNW	1	ir₀	37	95	5	5	21	-	4-6	10	800	1	*
12	Renfrew (Abbots I.)	990·7	+6	WSW	1	bc F+	32	95	1	-	-	1	0	2-3	-	4	*
	Eskdalemuir ...	989·0	+12	N	4	c	36	95	6	5	-	8	4-6	9	1500	1	*
	Point of Ayre...	990·1	+12	N'W	1	b	41	85	8	4	-	-	1	1	4000	1	2
13A	Tiree ...	988·7	+8	SE'E	3	bc	41	85	6	4	6	8	2-3	2-3	2500	0	3
13B	Stornoway ...	990·3	+14	ESE	3	bc	42	85	8	5	7	2	2-3	4-6	1500	1	2
15	Dalwhinnie ...	991·7	+14	-	0	bc	26	95	8	4	-	3	1	2-3	5700	4	*
	Aberdeen ...	990·7	0	NNW	2	r₀r₀	36	95	6	6	2	-	4-6	10	1500	1	1
	Wick ...	991·7	+8	SE	3	c	43	85	8	8	5	2	4-6	7-8	1500	1	2
16	Lerwick ...	995·6	+16	SSE	4	c/pr	42	95	7	8	2	-	7-8	10	800	1	*
17	Blacksod Point	985·6	+10	SW	3	c	46	95	7	5	-	-	7-8	7-8	800	1	3
18	Malin Head ...	987·5	+6	SSE	3	bc	38	85	7	5	-	-	2-3	2-3	2500	0	1
	Aldergrove ...	989·8	+6	SE'E	2	b	37	85	6	5	7	-	Tr	1	5700	1	*
19	Birr Castle ...	989·1	+4	S'E	1	c/r	44	85	8	5	-	-	10	10	2500	1	*
20	Valentia Obsy. †	992·0	+34	WSW	5	bc	48	75	8	8	-	1	4-6	4-6	1500	1	4
	Roches Point	991·7	+16	W'S	3	c	45	85	8	8	-	-	7-8	7-8	1500	1	3

PAST 24 HOURS.

District	Stations	Weather. 7h.—13h. 29th (37)	Weather. 13h.—18h. 29th (38)	Weather. 18h. 29th to 1h. 30th (39)	Weather. 1h.—7h. 30th (40)
1	London (Kew)	cr₀cdm	cd₀r₀c	cm	cprb
	Croydon ...	or₀r₀d₀	cddr₀r	cm₀bcbw	bcwcr₀rb
	S. Farnborough	crdid₀c	idpir₀c	bcb	bcir₀b
	Boscombe Down	or₀r₀c	cbc	bc	bcc
	Calshot (Sthmtn.)	cir₀d₀	cbcb	bbc	cir₀bc
	Lympne ...	rdfr₀	d₀Fcm₀r	cm₀bwx	bcmir₀
	Manston ...	orr₀cd₀	cidq	cqdb	bw
2	Shoeburyness ...	iDir	cidm₀	m₀pbc	pbc
	Felixstowe ...	orfcr₀r₀			
	Gorleston ...	cr₀r₀r₀	or₀r₀	cb	bz₀bc
	Mildenhall ...	orrcr₀	crrf	of-b	bcr₀bc
	Cranwell ...	orrf+rrqfrRRcfirr	cfrrbc	bcmrn₀	
3	Birmingham ...	Frd₀	fod₀c	bcb	bcpr₀
	Upper Heyford	RRr₀f	or₀r₀fcr	bbccbc	cprbcb
4	Ross-on-Wye	rmoc	ccb	bbcb	bccbc
5	Portland Bill ...	cc	cc	bc	c
	Plymouth ...	cqbc	bcb	bm₀cpr₀	c
	The Lizard ...	cbcc	cbc	bcprc	c
	Scilly (St. Mary's)	cpqc	pcp₀q	cpqbc	bbcc
	Guernsey ...	cqbcq	bcqbc	bpbbc	bcc
6	Pembroke ...	cqbcc	cbc	cbcq	bcc
7	Holyhead ...	cjpm⊕	cm₀b	bcr₀ó	d₀d₀prb
	Chester (Sealand)	orrr₀rm	cd₀m₀	bcm₀	bcpr₀m₀
8	Manchester ...	cir₀cm	r₀cm	cm₀bcm	d₀d₀r₀
10	Spurn Head ...	cmfr	ffrr	r₀cbc	bcc
	Catterick ...	om₀d₀d₀	omdrr₀	cr₀bc	bc
	Tynemouth ...	oir	oirrrfm	orr	obc
11	Inchkeith ...	c3₀ir	33₀ir	cbcz	ziffw
	Leuchars ...	cbcmr₀	cmrr₀	cr₀bc	bcbx
12	Renfrew (Abbots I.)	cxbcmf	cbcfFx	bcFFx	bcoFFx
	Eskdalemuir ...	cir₀	cir₀	cm₀	id₀ex
	Point of Ayre...	oc	cbc	bcbc	bcpr₀
13A	Tiree ...	bcc	cbc	bc	bc
13B	Stornoway ...	bc	bc	bc	bcbx
15	Dalwhinnie ...	bcc	cbc	*	bcc
	Aberdeen ...	cfpr₀	cr₀r₀	or₀r₀	r₀r₀c
	Wick ...	bcc	c	pr₀r₀	cr₀r₀
16	Lerwick ...	cpr₀bc	cpr	cr₀rm₀	orrm₀
17	Blacksod Point	prcq	prc	prc	cbc
18	Malin Head ...	bc	bc	c	cir₀
	Aldergrove ...	bcmfm	fbcb	bbc	cpr₀
19	Birr Castle ...	bc	bcor₀	oir₀	oirc
20	Valentia Obsy. †	cpr₀	prpr₀bc	bccpr	bccor₀c
	Roches Point	bcz₀	cpr₀c	cbcw	bcwc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

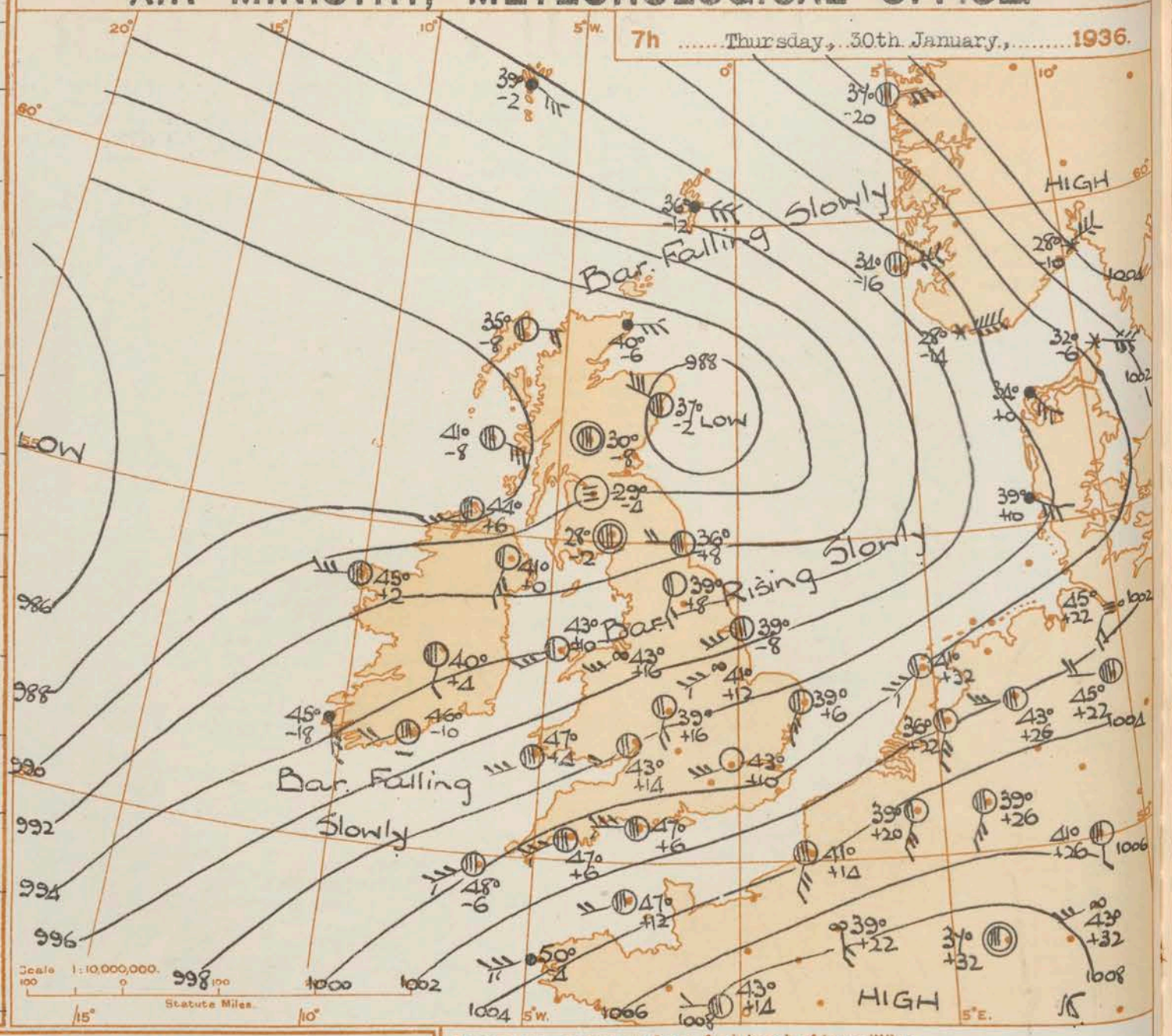
§ See disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 29th January 1936.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 28th to 9h. 29th	Temperature. Max. 9h.—17h. 29th.	Rainfall. Night. 17h. 28th to 9h. 29th	Rainfall. Day. 9h.—17h. 29th.	Sunshine. Sunrise to Sunset. 29th.
1	Tunbridge W.	ood	odo	44	48	17	0·5	0·0
	Bournemouth	o	oco	43	47	23	-	0·3
	Ventnor ..	rmdo	ob	44	46	17	Trace	0·3
	Southsea ...	o	ocbcb	46	48	22	-	0·2
	Bognor Regis	bcocc	ccbc	45	47	12	0·3	0·2
	Littlehampton	cpc	cbc	45	48	6	0·2	0·4
	Worthing ...	cir	crc	46	47	7	0·5	0·2
	Brighton ...	c	cpc	45	46	9	0·4	0·0
	Eastbourne†	o	odo	46	48	11	0·4	0·0
	Hastings† ...	odco	oc	45	48	22	0·3	0·1
	Folkestone ...	orco	opco	45	48	8	0·2	0·1
	Dover... ...	c	cpm	45	49	6	0·3	0·0
	Deal	ro	o	45	49	8	Trace	0·0
	Ramsgate ...	oc	cmd	45	49	6	Trace	0·3
	Margate ...	c	cd	45	50	7	Trace	0·2
2	Southend ...	od	odruo	44	47	13	2	0·0
	Maldon ...	rocir	cirp	41	49	16	1	0·0
	Clacton-on-Sea	orirc	cdojp	42	45	11	1	0·2
	Dovercourt ...	roc	roc	43	46	11	1	0·0
	Lowestoft ...	coir	iroca	41	46	7	4	0·1
	Skegness ...	bcoir	rogr	39	45	6	4	0·0
	Mablethorpe	omgr	omgr	39	44	5	8	0·0
	Cleethorpes ...	ofjr	orm	38	44	3	12	0·0
3	Leamington S.	o	opo	38	46	9	0·2	0·0
4	Cheltenham†	morro	pcbcb	39	43	9	-	0·0
5	Bath	cir	cbcb	43	47	15	Trace	0·1
	Weymouth ...	c	cb	43	47	19	-	2·5
	Jersey ...	rcbc	bcc	46	49	5	-	4·4
	Torquay ...	beqb	bbcb	42	48	27	-	5·0
	Penzance ...	bbtr	rcbb	43	50	11	0·5	5·6
	St. Ives ...	b	pr	43	51	12	0·3	5·7
	Bude	cbc	bc	41	47	7	-	4·5
	Ilfracombe ...	rro	cbcc	41	46	12	-	2·4
6	Aberystwyth	PRc	bcc	37	45	9	-	1·2
7	Llandudno ...	cr c	cbc	38	44	7	0·1	0·2
	Colwyn Bay...	opo	ocbcb	37	44	8	0·5	0·0
	Rhyl	or r	ocbc	38	43	6	1	0·3
8	Wallasey ...	iro	o	37	41	3	0·5	0·0
	Southport‖ ...	odo	ocbcb	37	46	3	Trace	0·2
	Blackpool ...	oro	oc	38	42	5	-	0·6
	Morecambe ...	c	cbcc	37	47	2	-	0·4
9	Ilkley... ...	ogoro	oodo	32	40	4	2	0·0
	Harrogate ...	ocr	orr	37	39	6	4	0·0
10	Berwick-on-T.	or	RRo	33	42	-	7	0·0
11	Dunbar ..	cm	crr	35	41	-	1	0·0
12	Troon... ...	xcecb	bcbbf	33	41	-	-	2·6
	Douglas ...	cbbc	bc	36	46	-	-	5·1

† 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. 30th January, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Moderate southwest wind, backing, veering later; cloud increasing, rain towards evening, some brighter intervals and local showers tomorrow; very mild.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England	Freshening southerly wind, veering southwest, strong locally on coasts; some rain at first, brighter intervals and local showers later; mild.
9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Freshening southeast wind, veering later; cloud increasing with some rain tonight; mainly fair tomorrow; milder.
12 S.W. Scotland & Isle of Man.	Freshening southeast wind, veering later; cloud increasing, rain tonight, bright intervals and showers tomorrow; milder.
13 A. W. Scotld. / B. N.W. Scotland.	Freshening east wind, strong locally; cloud increasing, occasional rain later; rather cold.
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 or fresh south wind, strong locally on coasts, veering; rain at first, brighter intervals and showers later; mild.

L.8.

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

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 1/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. 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 small depression off East Scotland is moving northwards and filling up and a deep depression is approaching Ireland. Rain will spread eastwards to most districts.

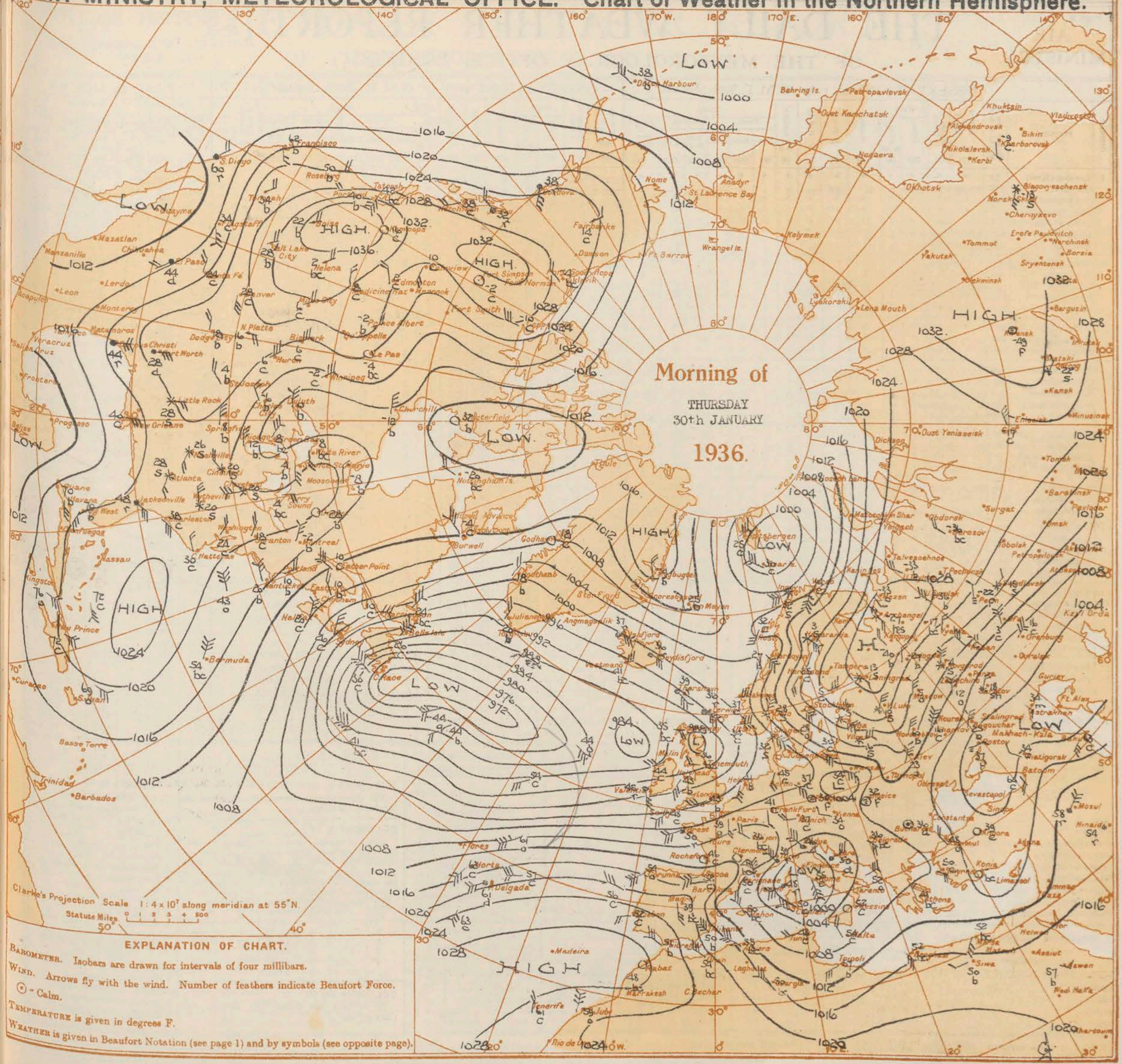
FURTHER OUTLOOK.

Unsettled; mild.

Forecasts issued at 10.25 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, 30th January 1936.

No. 27097.

OBSERVATIONS at 1 hr. G.M.T. 30th January

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	997·8	+22	SSW	4	b	38	95	8	–	3	1	0	Tr	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1000·1	+34	WSW	3	b	36	95	7	–	3	–	0	Tr	–
	Manston ...	142	998·7	+34	SW	3	b	37	95	7	–	–	–	0	0	–
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	995·3	+30	SW'W	3	b	39	95	6	–	–	–	0	0	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	997·1	+12	W	5	c	47	95	7	4	–	–	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	999·9	+28	W'S	5	c	47	95	8	4	2	–	4-6	7-8	2500
	Scilly (St. Mary's)	163	1000·1	+22	W'NW	5	b	48	95	7	–	–	–	0	0	–
	Guernsey ..	175	1000·3	+8	W	4	bc	46	95	6	5	1	–	2-3	4-6	2500
6	Pembroke ...	142	994·0	+12	W	5	bcq	47	85	7	5	6	–	4-6	4-6	2500
7	Holyhead ...	26	991·2	+2	SW'W	3	qc6	45	95	6	5	–	–	10	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	990·4	+24	W	6	bc	39	95	6	–	2	–	0	4-6	–
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	988·3	+12	W	3	o/r	41	95	7	6	–	–	10	10	1500
11	Inchkeith ...	190	990·4	+4	SW	2	bcm	35	95	4	5	–	–	4-6	4-6	800
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	991·0	+2	–	0	bc	34	95	8	4	–	–	2-3	2-3	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	990·5	-2	SE	2	bc	40	85	8	5	–	–	2-3	2-3	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	990·4	-16	ESE	3	r₀r₀	42	95	8	8	2	–	7-8	10	1500
16	Lerwick ...	156	996·2	0	ESE	6	r₀r₀	37	95	6	9	2	–	7-8	10	800
17	Blacksod Point	18	989·4	+14	W	4	bc	47	85	7	9	–	–	4-6	4-6	800
18	Malin Head ...	52	987·6	-2	SSE	3	c	41	85	7	5	–	–	9+	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	995·2	+10	W'SW	3	bc/pr	46	85	8	9	–	–	2-3	2-3	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 30th January

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)	1000·2	+16	SW	3	b	41	95	7	–	–	–	0	0	–	1	*
Croydon ...	999·5	+10	SW'W	3	b	43	85	8	–	–	–	0	0	–	1	*
S. Farnborough	1000·3	+20	SW'W	3	b	41	95	7	5	–	–	1	1	2500	1	*
Boscombe Down	1000·2	+12	SW	3	c	42	95	7	5	–	–	7-8	7-8	1500	1	*
Calshot (Sthmtn.)	1001·4	+12	SSW	2	bc	43	95	8	–	7	–	0	4-6	–	1	§ 1
Lympne ...	1001·5	+10	SW'W	3	bc	41	95	8	5	–	–	4-6	4-6	1500	1	§ 2
Manston ...	1000·1	+6	SW	4	b	42	95	8	5	4	–	Tr	1	1500	1	*
Shoeburyness ...	999·5	+8	SW	3	bc	42	95	7	5	–	–	4-6	4-6	4000	1	*
Felixstowe ...																
Gorleston ...	998·1	+6	SSW	3	bc	39	95	6	–	4	–	0	2-3	–	1	2
Mildenhall ...	998·0	+14	SW	3	bz₀	41	95	6	–	4	–	0	1	–	1	*
Cranwell ...	996·2	+12	SW	4	bcz₀	41	95	6	5	3	–	4-6	4-6	2500	1	*
Birmingham ...	998·0	+16	SSW	2	bc	39	95	7	5	–	–	4-6	4-6	4000	1	*
Upper Heyford	998·9	+20	SW	3	cz₀	39	95	6	5	3	–	7-8	9	800	1	*
Ross-on-Wye	998·0	+14	SW	2	bc	43	85	6	5	–	–	2-3	2-3	4000	1	*
Portland Bill ...	1000·6	+6	W	4	c	47	95	7	4	–	–	9	9	2500	1	3
Plymouth ...	1000·6	+6	SW	4	c	47	95	7	5	7	–	4-6	7-8	2500	1	2
The Lizard ...	1000·7	0	SW	4	c	47	95	7	5	2	–	9	9+	2500	1	3
Scilly (St. Mary's)	999·9	-6	SW	4	cjp	48	85	7	8	–	–	9+	9+	2500	1	2
Guernsey ..	1003·4	+12	SW'W	2	c	47	95	7	5	1	–	7-8	10	2500	1	4
Pembroke ...	996·1	+4	WSW	3	c	47	95	7	5	–	–	7-8	7-8	2500	1	3
Holyhead ...	994·0	+10	SW	3	b	43	95	7	5	–	–	1	1	1500	1	2
Chester (Sealand)	995·3	+16	SW	3	bcz₀	43	85	6	5	–	–	2-3	2-3	2500	2	*
Manchester ...	994·6	+10	SW'S	3	r₀r₀	42	95	5	6	2	–	7-8	10	1500	1	*
Spurn Head ...	993·5	+8	SW	4	bc	39	95	7	5	7	–	4-6	4-6	2500	1	3
Catterick ...	992·4	+8	SSW	2	bc	39	95	7	5	8	–	4-6	7-8	2500	1	*
Tynemouth ...	990·7	+8	W	2	bc	36	95	6	2	–	–	4-6	4-6	2500	1	2
Inchkeith ...	989·2	+2	SW	2	bcf	33	95	3	5	–	–	4-6	4-6	800	1	1
Leuchars ...	989·7	+2	SW	2	bc	33	85	7	4	–	–	1	1	2500	1	*
Renfrew (Abbots I.)	990·9	-4	–	0	of	29	95	1	5	–	–	10	10	800	4	*
Eskdalemuir ...	991·7	-2	–	0	o	28	95	5	5	–	–	10	10	220	6	*
Point of Ayre...	991·9	+4	W'S	3	c	42	95	8	8	–	–	7-8	7-8	1500	1	2
Tiree	987·7	-8	ESE	3	c	41	95	7	5	–	–	9	9	1500	0	*
Stornoway ...	989·6	-8	E	2	bc	35	95	8	5	7	–	1	2-3	1500	1	1
Dalwhinnie ...	990·4	-8	–	0	c	30	85	7	4	6	–	2-3	7-8	2500	4	*
Aberdeen ...	988·1	-2	NW'N	3	c	37	95	7	6	2	–	2-3	10	800	1	1
Wick ...	989·3	-6	E	4	r₀r₀	40	95	7	6	2	–	7-8	10	800	1	3
Lerwick ...	994·7	-12	ESE	6	rr	36	95	6	6	–	–	10	10	800	1	*
Blacksod Point	990·8	+2	W	3	o	45	85	7	5	–	–	10	10	800	1	3
Malin Head ...	987·7	+6	SW	3	c/r	44	95	7	9	–	–	9+	9+	1500	1	1
Aldergrove ...	990·5	0	SSW	4	bc/pr	41	95	7	9	1	–	4-6	4-6	2500	1	*
Birr Castle ...	993·8	+4	S	1	c	40	95	8	5	–	–	9	9	2500	1	*
Valentia Obsy. †	993·4	-18	S'E	3	r₀r₀	45	95	6	6	–	–	10	10	800	1	3
Roches Point	995·2	-10	SW	2	o	46	95	8	5	–	–	10	10	1500	1	4

PAST 24 HOURS.

Stations	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 29th Hrs. (36)
London (Kew)	50	38	33	0·4	1	0·1
Croydon ...	50	38	34	1	0·4	0·2
S. Farnborough	49	38	32	1	Tr	0·0
Boscombe Down	46	34	32	0·5	–	0·1
Calshot (Sthmtn.)	48	38	31	0·3	0·1	0·5
Lympne ...	47	35	30	0·5	Tr	0·0
Manston ...	50	34	29	2	Tr	0·1
Shoeburyness ...	48	38	32	3	0·4	0·1
Felixstowe ...				4		
Gorleston ...	48	37	35	5	0·1	0·0
Mildenhall ...	50	37	33	4	0·3	0·0
Cranwell ...	45	35	33	25	0·5	0·0
Birmingham ...	41	36	32	3	0·2	0·0
Upper Heyford	47	35	29	3	0·3	*
Ross-on-Wye	44	39	31	3	–	0·9
Portland Bill ...	49	45	*	–	–	*
Plymouth ...	49	46	41	–	0·2	4·7
The Lizard ...	53	45	*	–	1	*
Scilly (St. Mary's)	48	44	*	2	2	3·9
Guernsey ..	49	46	37	Tr	2	4·3
Pembroke ...	48	44	*	–	1	4·4
Holyhead ...	45	41	36	–	1	1·8
Chester (Sealand)	42	35	30	1	0·1	0·1
Manchester ...	42	32	25	0·3	1	0·0
Spurn Head ...	42	37	*	10	3	0·0
Catterick ...	39	35	29	5	0·2	0·0
Tynemouth ...	43	35	31	12	8	0·0
Inchkeith ...	41	32	31	1	0·1	0·0
Leuchars ...	37	32	29	1	0·1	0·0
Renfrew (Abbots I.)	38	27	23	–	–	0·0
Eskdalemuir ...	38	25	22	0·3	Tr	0·3
Point of Ayre...	44	32	*	–	0·3	4·1
Tiree	45	39	37	–	–	3·3
Stornoway ...	45	34	*	–	–	5·3
Dalwhinnie ...	37	21	11	–	–	3·4
Aberdeen ...	38	36	35	1	3	0·0
Wick ...	44	40	*	–	1	*
Lerwick ...	43	35	*	0·2	5	0·1
Blacksod Point	47	41	*	1	0·3	*
Malin Head ...	43	37	*	–	0·2	5·1
Aldergrove ...	44	35	32	Tr	1	6·0
Birr Castle ...	48	39	33	0·2	1	4·8
Valentia Obsy. †	49	44	41	1	1	2·0
Roches Point	47	43	*	0·2	Tr	*

LONDON OBSERVATIONS

Dry: 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	cr₀cdm	cd₀r₀c	cmb	50	38	33	0·4	1	0·1	*	*	6
Croydon ...	217	or₀r₀d₀	cd₀d₀r₀r	cbw	50	38	34	1	0·4	0·2	*	*	6
Greenwich (Royal Observatory) ...	149	cdc	cdc	cbcrdbr	51	38	33	1	1	0·2	92	87	4
City (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	0·1	*	*	*
Westminster (St. James' Park) ...	27	*	*	*						0·2		/	*
Regents Pk. (Botanic Gardens)‡ ...	168	*	*	*	51	38	35	0·4	1	0·1	91	94	*
Camden Square ...	110	ccrc	ccrb	*	50	39	32	0·5	1	*	*	91	*
Kensington ...	80	cpcod	cod.	*	51	39	29	1	1	0·2	At 18h. 93	92	*
Hampstead Observatory ...	440	or	odbc	b	49	35	25	1	1	0·1	*	99	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 30th.

South Kensington. Max.	Time.	Min.	Time.	Kew Observatory. Max.	Time.	Min.	Time.
1·0	14-15h 29th	<0·3	2-3h 30th.	0·3	13h 29th	<0·1	2-7h 30th.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 29th January. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 30th January. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris ...	996·3	WSW	4	bc	46	1007·3	S	2	cz₀	39	52	39	–	–
Brussels ...						1004·2	SSW	3	bc	39		37		Tr
Berlin ...	999·7	SSW	5	o	43	1004·0	SE'E	3	cz₀	37	48	32	–	–
Zurich ...	1002·8	NW	2	c	41	1010·8	S	2	rr	39	41	39	Tr	4
Rome ...	1003·8	WSW	?	o	55	997·4	S	7	c	55	*	*	–	7

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 31st January, 1936.
No. 27098.

OBSERVATIONS at 13h. G.M.T. 30th January

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)	1000·7	-4	SW	3	z_o	49	85	6	5	7	-	7-8	9+	2500
	Croydon ...	1001·2	-2	SW'S	3	z_o	49	75	6	5	3	-	2-3	9+	2500
	S. Farnborough	1000·7	-4	SSW	3	c	48	85	7	8	7	1	7-8	9+	2500
	Boscombe Down	1000·1	-10	S'W	4	c	47	85	7	5	-	-	7-8	10	800
	Calshot (Sthmtn.)	1001·5	-2	S	4	c	49	95	7	8	3	-	7-8	9+	1500
	Lympne ...	1003·0	-2	SW'S	4	o/r	47	95	6	5	-	-	10	10	450
	Manston ...	1002·2	+2	SW'S	4	c	49	85	8	8	7	6	2-3	9	2500
2	Shoeburyness ...	1001·9	+4	S'W	3	c	48	85	6	6	2	-	2-3	9+	1500
	Felixstowe ...														
	Gorleston ...	1000·6	+4	SW'S	3	bc	49	85	6	-	-	6	0	4-6	-
	Mildenhall ...	1000·1	+6	SW	3	z_o	48	85	6	5	7	3	Tr	7-8	1500
	Cranwell ...	998·4	+6	SSW	4	z_o	46	85	6	-	7	7	0	9+	-
3	Birmingham ...	998·5	0	SSW	3	o	44	85	5	6	-	-	10	10	1500
	Upper Heyford	999·8	-2	SSW	3	c	46	85	7	5	7	-	7-8	9+	1500
4	Ross-on-Wye	997·8	-4	SW	3	c	47	75	7	6	2	-	1	9+	2500
5	Portland Bill ...	999·1	-10	WSW	5	ir	47	95	7	4	-	-	9	9	2500
	Plymouth ...	998·4	-14	S'W	4	id_o	48	95	7	5	2	-	4-6	10	1500
	The Lizard ...	996·8	-14	S'E	5	o	48	95	6	5	-	-	10	10	1500
	Scilly (St.Mary's)	995·7	-14	SW'W	4	f	50	95	2	5	-	-	10	10	4150
	Guernsey ...	1001·5	-14	S'W	5	c	48	85	8	5	2	-	7-8	10	2500
6	Pembroke ...	994·6	-10	S'W	4	cq	47	95	7	8	-	-	9	9	2500
7	Holyhead ...	993·9	-10	SW'S	3	c	48	85	7	8	-	-	9+	9+	2500
	Chester (Sealand)	996·4	-4	S	3	z_o	48	85	6	5	7	-	4-6	9+	2500
8	Manchester ...	996·1	-2	SSW	3	z_o	45	85	6	5	7	8	1	9+	4000
10	Spurn Head ...	997·1	+10	SW	3	c	46	95	6	5	7	-	4-6	7-8	1500
	Catterick ...	994·7	+6	SW'W	2	pr_o	45	85	8	5	7	-	9	9+	1500
	Tynemouth ...	991·6	+8	SW	2	bc	47	75	6	4	6	-	2-3	4-6	2500
11	Inchkeith ...	990·2	+4	SW	2	z_o	39	95	6	5	-	-	7-8	7-8	800
	Leuchars ...	989·7	-2	WSW	2	o	37	95	5	5	-	-	10	10	1500
12	Renfrew (Abbots I.)	990·4	-2	SSW	3	r_or_o	42	95	6	5	-	-	9+	9+	800
	Eskdalemuir ...	991·7	+4	SW'W	4	c	40	95	6	5	-	-	10	10	220
	Point of Ayre...	993·0	+4	W	4	c	47	85	8	8	-	-	9	9	1500
13A	Tiree	988·0	+2	SW'W	3	c	45	95	8	8	-	2	4-6	7-8	1500
13B	Stornoway ...	988·7	-4	SSE	2	bc	44	75	8	5	7	-	2-3	2-3	1500
15	Dalwhinnie ...	989·2	-6	S	1	c	35	85	7	4	6	-	2-3	7-8	2500
	Aberdeen ...	988·3	+2	WNW	2	bc	44	85	7	5	-	-	4-6	4-6	4000
	Wick ...	987·6	-8	NW	2	c	40	95	7	8	7	-	7-8	9+	1500
16	Lerwick ...	990·8	-20	E'N	7	rr	36	95	6	6	-	-	10	10	450
17	Blacksod Point	990·3	-4	S	2	c	45	95	7	5	-	-	7-8	7-8	800
18	Malin Head ...	989·9	+2	SSW	3	c/pr	45	85	7	9	-	-	9+	9+	800
	Aldergrove ...	992·0	+2	SSW	4	c/r	44	85	7	6	7	-	1	10	1500
19	Birr Castle ...	992·4	-2	SSW	1	o	46	95	8	5	-	-	10	10	2500
20	Valentia Obsy. †	991·3	+4	WSW	3	id_o	51	95	6	5	-	-	10	10	450
	Roches Point	991·8	-26	S'E	2	df	48	95	3	5	-	-	10	10	4150

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

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	998·6	-14	S'W	2	id_o	46	95	6	6	2	-	7-8	10	800	1	*
	Croydon ...	998·8	-10	SSW	3	r_or_o	46	95	6	6	-	-	10	10	1500	1	*
	S. Farnborough	998·4	-12	SSW	3	d_od_o	45	95	5	-	2	-	10	10	800	1	*
	Boscombe Down	997·2	-16	S'E	5	r_or_o	44	95	6	6	2	-	10	10	800	1	*
	Calshot (Sthmtn.)	999·0	-16	SE'S	5	d_od_o	46	95	7	5	7	-	7-8	10	800	1	3
	Lympne ...	1001·4	-10	S'W	4	ir_o	45	95	6	6	2	-	7-8	10	450	1	§3
	Manston ...	1000·9	-8	SSW	5	ir_o	46	95	7	5	2	-	9	10	800	1	*
2	Shoeburyness ...	1000·3	-4	SSW	3	c/r	45	95	6	6	2	-	7-8	10	1500	1	*
	Felixstowe ...																
	Gorleston ...	1000·7	+2	S	3	c	45	95	6	5	-	-	9+	9+	2500	1	2
	Mildenhall ...	999·0	-4	SSW	2	ir_o	46	85	5	5	2	-	7-8	10	1500	1	*
	Cranwell ...	997·9	0	SE'S	2	ir_o	44	85	6	5	1	-	7-8	9+	2500	1	*
3	Birmingham ...	996·2	-14	SSE	3	ir_o	44	95	5	6	-	-	10	10	800	1	*
	Upper Heyford	997·5	-14	SSE	3	r_or_o	44	95	5	6	1	-	7-8	9+	1500	1	*
4	Ross-on-Wye	995·3	-14	S	3	d_od_o	46	95	5	6	-	-	10	10	1500	1	*
5	Portland Bill ...	996·3	-24	SSW	4	id_o	47	95	6	5	-	-	10	10	1500	1	3
	Plymouth ...	996·4	0	SW'W	4	id_o	50	95	6	-	2	-	10	10	220	1	3
	The Lizard ...	996·7	+16	W'S	5	F-	49	95	2	5	-	-	10	10	450	1	3
	Scilly (St.Mary's)	996·8	+14	WNW	5	o	50	95	6	5	-	-	10	10	800	1	3
	Guernsey ...	999·2	-10	SW	3	dd	49	95	4	5	-	-	10	10	1500	2	4
6	Pembroke ...	991·7	-10	W	5	F	48	95	1	5	-	-	10	10	4150	1	3
7	Holyhead ...	991·9	-10	SSE	3	dd	45	95	5	5	-	-	10	10	450	1	2
	Chester (Sealand)	994·7	-8	SSE	3	dd	44	95	6	6	2	-	4-6	10	2500	1	*
8	Manchester ...	995·2	-6	SE'S	2	r_or_o	44	95	4	6	2	-	4-6	10	1500	1	*
10	Spurn Head ...	996·6	0	S	3	c	42	95	6	5	2	-	4-6	9	2500	0	2
	Catterick ...	994·8	0	S	1	c	42	85	7	5	1	-	4-6	10	2500	1	*
	Tynemouth ...	994·1	+10	SW	2	o	44	85	6	5	-	-	10	10	1500	1	2
11	Inchkeith ...	991·0	+6	SW	2	c	42	95	7	5	3	-	4-6	7-8	1500	0	1
	Leuchars ...	991·2	+4	WSW	2	c	38	95	5	5	-	-	7-8	7-8	800	1	*
12	Renfrew (Abbots I.)	991·0	+4	SW'S	3	z_o	41	95	6	5	7	-	7-8	7-8	1500	1	*
	Eskdalemuir ...	992·3	+6	SSE	2	c	40	95	4	5	-	-	10	10	220	1	*
	Point of Ayre...	992·5	-2	SSW	3	c	43	85	7	8	-	-	10	10	1500	1	1
13A	Tiree	988·5	+6	SW	3	ir	44	85	8	8	7	-	9	10	1500	1	3
13B	Stornoway ...	988·6	0	—	0	bc	37	85	8	5	7	-	2-3	4-6	1500	1	0
15	Dalwhinnie ...	989·7	+8	SW	2	c	35	95	7	4	2	-	4-6	9	2500	1	*
	Aberdeen ...	989·4	+6	WNW	1	z_o	37	95	5	5	-	-	2-3	2-3	4000	1	1
	Wick ...	987·4	+6	WNW	2	bc	35	95	8	8	7	-	2-3	2-3	2500	1	2
16	Lerwick ...	987·2	-12	E'N	5	c	38	95	7	8	2	-	7-8	10	800	1	*
17	Blacksod Point	989·9	-2	-	0	bc	44	95	8	5	-	-	4-6	4-6	1500	1	3
18	Malin Head ...	989·5	0	SW	2	c	42	95	7	5	8	-	4-6	7-8	1500	1	1
	Aldergrove ...	990·8	-6	SSE	2	c	42	95	7	5	-	-	9+	9+	1500	1	*
19	Birr Castle ...	990·6	0	SSW	1	o/d	47	95	7	5	-	-	10	10	2500	1	*
20	Valentia Obsy. †	992·3	-2	SW'S	3	c	50	95	6	5	-	-	10	10	800	1	4
	Roches Point	992·3	+8	SW	2	ir_o	49	95	8	6	-	-	7-8	7-8	1500	1	3

PAST 24 HOURS.

District	Stations.	Weather. 7h.—13h. 30th (37)	Weather. 13h.—18h. 30th (38)	Weather. 18h. 30th to 1h. 31st (39)	Weather. 1h.—7h. 31st (40)
1	London (Kew)	cm_o	cm_od_o	cd_om_o	cr_om_o
	Croydon ...	bccm_o	cr_or_om	r_ord_om	$cr_ord_od_o$
	S. Farnborough	bbc$c$	$cr_od_om_o$	$d_od_om_o$	od_ordd_o
	Boscombe Down	cm_oc	r_om_oo	or_or_o	orrc
	Calshot (Sthmtn.)	bcc	cr_od_om	$cd_od_om_o$	crrc
	Lympne ...	cir_orm_o	cm_or_o	or_od_oF	Firfd
	Manston ...	bbcc	cir_o	od_od_o	$oirmrr_o$
2	Shoeburyness ...	bm_ocm_o	id_om_o	cm_oir	irfod
	Felixstowe ...				
	Gorleston ...	bc	bcc	$orrr_oq$	oid_oc
	Mildenhall ...	b-cm_o	cr_orom	cr_orom	od_oc
	Cranwell ...	b-cm_o	cm_o	cir_orr	$rrid_o$
3	Birmingham ...	bcc	co	ORR	or_or_o
	Upper Heyford	cm_o	cr_or_o	$cr_orom_od_o$	or_ord_oF
4	Ross-on-Wye	bccc	$cw_or_od_o$	d_oo	or_occ
5	Portland Bill ...	cir	irdodo	oRR	rrz_oc
	Plymouth ...	cr_oid_o	cd_odd_om	od_omrr	$orrd_om_o$
	The Lizard ...	cproe	$offd_o$	ffifr	ffifd
	Scilly (St.Mary's)	r_od_of	ffife	dmffe	iaffe
	Guernsey ...	cpr_o	codd	oddr	oir_o
6	Pembroke ...	cqprm	cqmirfe	$orrm_oo$	oqiaFFo
7	Holyhead ...	bbcc	crrddm	aidfec	crm_o
	Chester (Sealand)	cm_o	cr_or_o	$cd_or_om_o$	$cr_or_om_o$
8	Manchester ...	r_obcc	r_or_om	rrdd	ddr_or_o
10	Spurn Head ...	c	bc	dmprf	fdoc
	Catterick ...	bccpr_o	cm_opr_oc	cd_omof	ofe
	Tynemouth ...	bcmbc	bco	o	o
11	Inchkeith ...	fzz_o	z_oc	cbc	bccw
	Leuchars ...	cid_om_o	om_oidcm	cbem	bcxem
12	Renfrew (Abbots I.)	Ff$r_o$ber	cm_or_ocbc	cmrPRbc	bcmr_om
	Eskdalemuir ...	$d_od_o$fc	cir_o	cr_or	ccoidom
	Point of Ayre...	c	opr_oo	opr_oh	ozm
13A	Tiree	ir_oc	cir	cir	c
13B	Stornoway ...	bxbc	bc	pr_om_o	cpr_o
15	Dalwhinnie ...	bcc	ir_oc	*	ir_oc
	Aberdeen ...	cfbc	bcbz_o	b-cpr_o	cm_ob
	Wick ...	r_or_oc	cbc	bc	bcc
16	Lerwick ...	$orrm_o$	$orrm_oc$	cpr_o	c
17	Blacksod Point	id_o	id_o	prc	c
18	Malin Head ...	cpr_o	c	cbcc	c
	Aldergrove ...	$cpr_oir_om_o$	cir_oc	c	cproFF
19	Birr Castle ...	co	odd	oir_o	oir_oo
20	Valentia Obsy. †	r_orid_o	id_odrc	crr_oopr	cor_orr
	Roches Point	drdrdfdf	$dfcir_o$	$oirbc$	$coid_o$

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.*

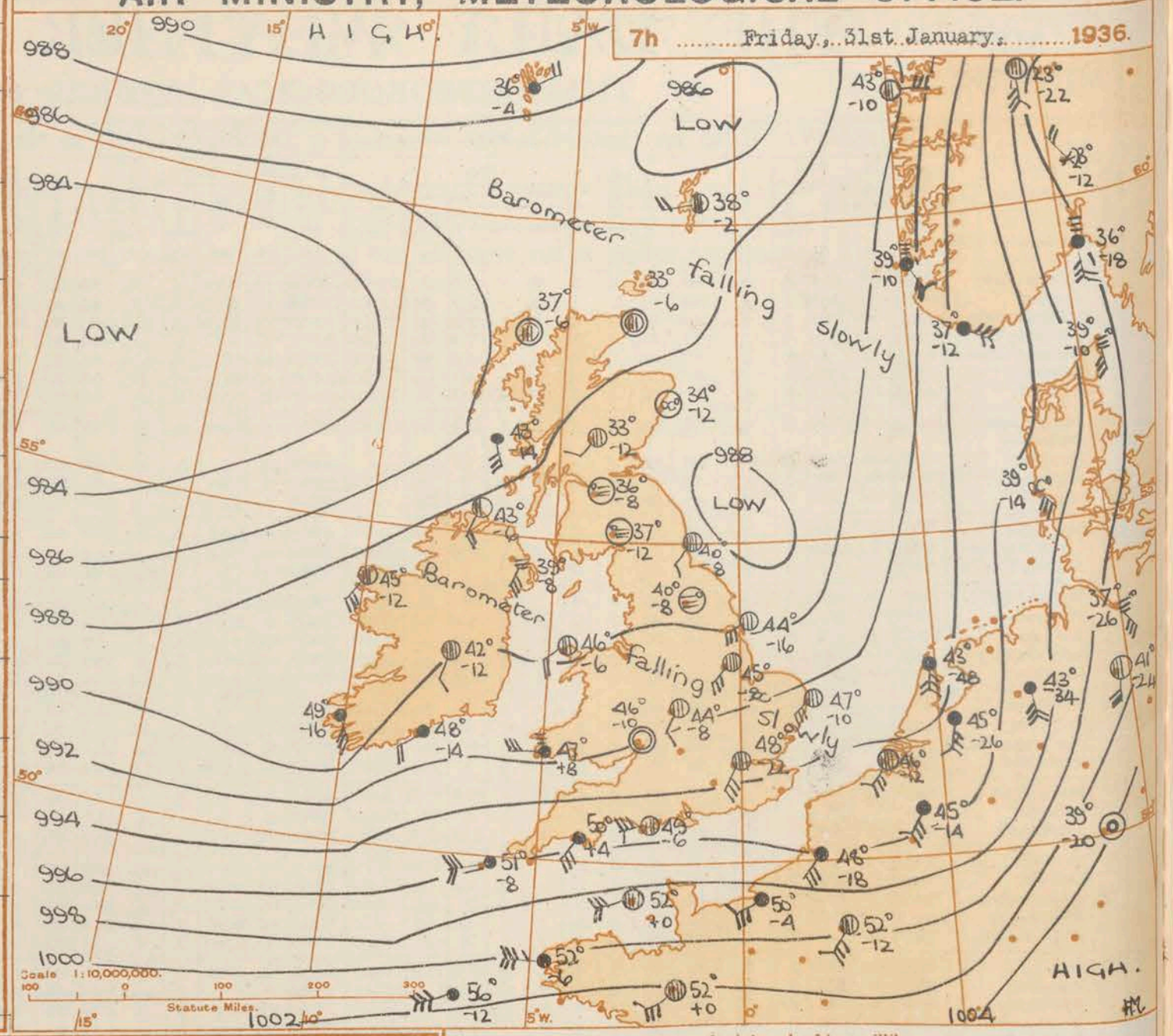
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 30th January 1936.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 29th to 9h. 30th	Temperature. Max. 9h.—17h. 30th	Rainfall. Night. 17h. 29th to 9h. 30th	Rainfall. Day. 9h.—17h. 30th	Sunshine. Sunrise to Sunset. 30th.
1	Tunbridge W.	bco	god	37	48	0·3	0·3	1·5
	Bournemouth	oco	odbc	40	49	0·3	0·5	1·0
	Ventnor ...	cou	crdm	41	48	–	1	0·4
	Southsea ...	co	oro	42	49	–	0·4	0·3
	Bognor Regis	bcbcc	cir	45	47	–	0·5	0·7
	Littlehampton	bccpbc	cor	38	47	–	0·3	0·9
	Worthing ...	bcc	od	37	49	0·3	Trace	1·4
	Brighton ...	c	cdc	40	48	Trace	Trace	1·5
	Eastbourne†	obbcp	oro	41	49	0·1	0·3	0·8
	Hastings† ...	bccop	cco	39	48	–	Trace	1·1
	Folkestone ...	cbcc	cocor	37	49	–	Trace	2·3
	Dover... ...	bcc	co	39	48	Trace	–	2·3
	Deal	cbc	co	30	49	–	–	2·8
	Ramsgate ...	bc	c	39	49	Trace	–	3·6
	Margate ...	bc	bcc	38	50	–	–	3·8
2	Southend ...	bbcc	cbco	37	48	0·4	–	3·4
	Maldon ...	cbc	co	37	49	0·3	–	2·8
	Clacton-on-Sea	bc	bcpc	38	46	0·3	Trace	3·4
	Dovercourt ...	bc	bc	37	47	Trace	–	3·9
	Lowestoft ...	dcbc	bc	37	50	0·2	–	4·2
	Skegness ...	b	bc	35	47	1	–	3·8
	Mablethorpe	cbc	bcco	36	47	3	–	3·3
	Cleethorpes ...	czbc	bc	35	47	4	–	1·6
3	Leamington S.	o	od	36	47	0·3	Trace	1·0
4	Cheltenham†	c	codm	36	47	Trace	Trace	0·1
5	Bath	cc	cr	41	49	Trace	1	0·0
	Weymouth ...	c	did	43	49	–	1	0·2
	Jersey ...	c	cd	46	48	Trace	Trace	0·0
	Torquay ...	bcodp	coidm	39	51	0·3	0·3	0·2
	Penzance ...	cdod	doddm	44	52	0·4	1	0·0
	St. Ives ...	o	pr	44	52	0·5	2	0·0
	Bude	co	od	43	51	Trace	Trace	0·0
	Ilfracombe ...	oc	com	42	50	–	0·1	0·0
6	Aberystwyth	pc	cod	41	48	0·5	Trace	0·2
7	Llandudno ...	cbcc	circ	38	49	1	0·4	0·7
	Colwyn Bay...	bcc	cpbco	36	49	–	0·3	0·3
	Rhyl	cbccd	cod	36	50	0·2	0·5	0·3
8	Wallasey ...	bccr	ir or	37	47	0·3	2	0·2
	Southport‖ ...	oco	or	36	47	2	2	0·3
	Blackpool ...	co	or	36	46	2	1	0·1
	Morecambe ...	rcbcb	bccir	35	47	Trace	1	0·6
9	Ilkley... ...	c	c	34	46	0·2	–	0·7
	Harrogate ...	cbcr	cir	35	45	1	Trace	0·8
10	Berwick-on-T.	oc	co	33	45	16	–	1·3
11	Dunbar ...	bc	bc	32	46	5	–	1·5
12	Troon... ...	orocb	cbcc	30	46	1	0·5	0·2
	Douglas ...	cbc-	coiro	35	48	1	2	0·8

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 7/10 to 9/10 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. 31st January, 1936.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light or moderate south to southwest wind; dull, occasional rain at first, followed by a fair period, probably some rain later tomorrow; mild.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England	Light or moderate southwest wind, fresh locally on coasts; occasional rain and local coastal fog at first, becoming fair later today, probably some rain later tomorrow; local morning fog inland; mild.
9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. B.N.W.Scotland. 14 Mid Scotland	Light variable wind; cloudy, some rain at first, fair later; local morning fog; average temperature.
15 N. E. Scotland 16 Orkneys and Shetlands	Light variable wind; cloudy, rain at times; average temperature.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Light or moderate southwest wind; fair at first, probably some rain tomorrow; local morning fog; mild.

GENERAL INFERENCE.

A large area of low pressure covers the Northeast Atlantic and a small depression off Southwest Ireland will move rather quickly northeast. Weather will be unsettled and mainly mild.

FURTHER OUTLOOK.

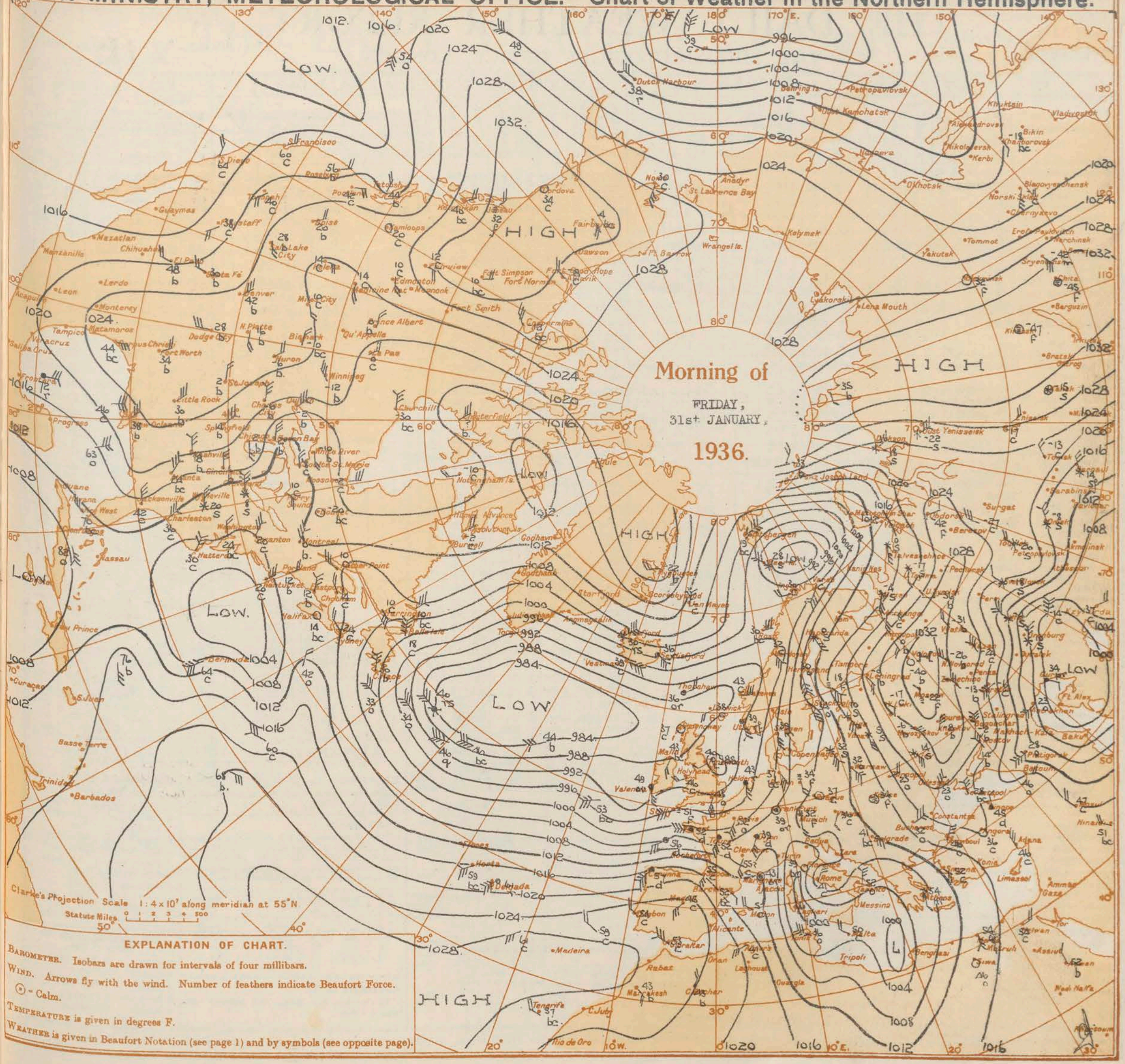
Unsettled; mainly mild.

Forecasts issued at 1015 G.M.T.

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

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

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



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, 31st January, 1936.
No. 27098.

OBSERVATIONS at 1 hr. G.M.T. 31st January

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	995·5	-2	SW'S	4	c	48	95	8	5	-	-	9+	9+	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	997·3	-14	SSW	4	oF	46	95	1	5	-	-	10	10	<150
	Manston ...	142	996·5	-18	SSW	4	d.o.d.	46	95	6	6	2	-	7-8	10	800
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	995·6	-16	S'E	5	r.r.	43	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	995·9	-6	W	4	RR	47	95	6	5	-	-	10	10	800
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	995·8	-10	SW/W	5	rf	50	95	2	5	-	-	10	10	450
	Scilly (St. Mary's)	163	995·6	-10	W'N	6	of	51	95	2	5	-	-	10	10	<150
	Guernsey ..	175	999·0	0	WSW	4	r.r.	50	95	6	5	-	-	10	10	1500
6	Pembroke ...	142	992·2	-10	SW	3	rr	47	95	6	5	-	-	10	10	1500
7	Holyhead ...	26	989·7	-10	SW	3	o	46	95	6	5	-	-	10	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	991·5	-24	SSE	4	oF	41	95	1	5	-	-	10	10	<150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	991·4	-8	SW	2	o	42	95	6	6	-	-	10	10	1500
11	Inchkeith ...	190	990·8	-4	SW	2	bc	40	95	8	5	5	-	2-3	4-6	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	990·2	-12	SW'S	3	oz.	44	95	6	5	-	-	10	10	800
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	987·6	+4	N'W	1	c	38	95	5	5	-	-	4-6	10	1500
15	Dalwhinnie ...	1178	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	988·5	+4	SW	2	bc	31	85	8	5	4	-	2-3	2-3	2500
16	Lerwick ...	156	987·1	+2	NW	4	c	36	95	8	8	7	-	4-6	7-8	800
17	Blacksod Point	18	990·2	+4	SW	3	bc	46	95	7	9	-	-	4-6	4-6	1500
18	Malin Head ...	52	988·7	-2	SW	1	id.	42	95	6	6	2	-	4-6	10	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	991·0	+6	SSW	2	c	47	95	8	9	-	-	9	9	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 31st January

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)
London (Kew)	992·2	-20	SSW	2	oz.	48	95	6	5	-	-	10	10	1500	1	*
Croydon ...	992·4	-22	SSW	3	o/d	48	95	6	5	-	-	10	10	1500	1	*
S. Farnborough	992·7	-12	SW/W	3	id.	49	95	6	5	-	-	9+	9+	800	1	*
Boscombe Down	993·2	-6	WSW	4	c/r	50	95	7	5	2	-	7-8	10	800	1	*
Calshot (Sthmtn.)	994·6	-10	SSW	3	o	48	95	8	5	-	-	10	10	1500	1	§2
Lympne ...	994·2	-20	SSW	3	df	47	95	2	5	-	-	10	10	<150	1	
Manston ...	993·2	-12	SSW	3	r.r.	47	95	7	6	-	-	10	10	800	1	*
Shoeburyness ...	993·5	-12	S'W	1	df	45	95	3	6	-	-	10	10	1500	1	*
Felixstowe ...																
Gorleston ...	992·2	-10	SW'S	3	c	47	95	6	5	-	-	9+	9+	2500	1	3
Mildenhall ...	991·7	-10	SW/W	3	ir.	47	95	6	5	7	-	9	10	1500	1	*
Cranwell ...	991·4	-8	SW'S	3	c/d	45	95	6	5	2	-	7-8	10	2500	1	*
Birmingham ...	991·9	-8	SSW	1	c/r	44	95	6	6	7	-	7-8	9+	800	1	*
Upper Heyford	992·1	-14	SW	3	df	46	95	3	-	2	-	10	10	800	1	*
Ross-on-Wye	991·8	-10	-	0	o	46	95	6	5	-	-	10	10	2500	1	*
Portland Bill ...	994·3	-6	WSW	4	c	49	95	7	4	-	-	7-8	7-8	2500	2	3
Plymouth ...	995·7	+4	SW	3	id.	50	95	6	5	-	-	10	10	450	1	2
The Lizard ...	996·6	0	WSW	4	df	50	95	2	5	-	-	10	10	450	1	3
Scilly (St. Mary's)	995·6	-8	W'S	5	of	51	95	2	5	-	-	10	10	<150	1	3
Guernsey ..	998·2	0	W'S	5	o	52	95	6	5	-	-	10	10	2500	1	4
Pembroke ...	991·6	+8	W	3	dF	47	95	1	5	-	-	10	10	<150	1	3
Holyhead ...	989·6	-6	WSW	2	c	46	95	8	8	2	-	4-6	9+	2500	1	2
Chester (Sealand)	990·8	-4	SW'S	2	cz.	46	85	6	5	2	-	9+	10	4000	1	*
Manchester ...	990·5	-6	SW	1	o/r	44	95	4	5	-	-	10	10	1500	1	*
Spurn Head ...	989·5	-16	WSW	3	c	44	95	6	5	2	-	4-6	10	1500	1	2
Catterick ...	989·3	-8	-	0	o/f	40	95	4	5	-	-	10	10	1500	1	*
Tynemouth ...	988·0	-8	SW	1	o	40	95	6	5	-	-	10	10	1500	1	1
Inchkeith ...	989·6	-8	S	1	c	37	95	6	5	-	-	7-8	7-8	1500	1	1
Leuchars ...	989·1	-6	-	0	c	33	95	5	5	1	-	7-8	10	2500	1	*
Renfrew (Abbots I.)	989·2	-8	-	0	om	36	95	4	5	-	-	10	10	1500	1	*
Eskdalemuir ...	988·6	-12	-	0	om	37	95	4	5	-	-	10	10	<150	1	*
Point of Ayre...	988·6	-8	W'N	2	om	45	95	4	5	-	-	10	10	450	1	2
Tiree	986·5	-14	S'E	3	ir	43	95	7	6	2	-	7-8	9+	1500	1	*
Stornoway ...	986·3	-6	-	0	c	37	95	7	5	7	-	4-6	7-8	1500	1	0
Dalwhinnie ...	989·3	-12	SW	1	c	33	95	7	4	6	-	4-6	7-8	2500	4	*
Aberdeen ...	968·2	-12	-	0	bz.	34	95	6	5	-	1	1	1	4000	4	1
Wick ...	987·5	-6	-	0	c	33	95	8	5	6	-	7-8	9+	2500	1	0
Lerwick ...	986·9	-2	W'S	2	cjp	38	95	7	8	2	-	7-8	9+	800	1	
Blacksod Point	989·3	-12	SW	3	c	45	95	7	5	-	-	7-8	7-8	800	1	3
Malin Head ...	986·7	-6	SSW	2	bc	43	85	7	5	-	-	4-6	4-6	1500	1	1
Aldergrove ...	988·3	-8	SSW	3	oF	39	95	1	5	-	-	10	10	<150	1	*
Birr Castle ...	989·5	-12	SSW	1	o	42	95	7	5	-	-	10	10	2500	1	*
Valentia Obsy. †	989·3	-16	SSE	3	rr	49	95	6	6	-	-	10	10	800	1	3
Roches Point	991·0	-14	WSW	2	id.	48	95	7	5	-	-	10	10	1500	1	3

PAST 24 HOURS.

Stations	Temperature Max. Day 7h–18h °F. (31)	Temperature Min. Night 18h–7h °F (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 30th hrs. (36)
London (Kew)	50	46	44	0·2	1	1·7
Croydon ...	49	46	44	0·4	0·6	1·4
S. Farnborough	49	45	44	1	1	1·4
Boscombe Down	47	44	43	1	1	0·0
Calshot (Sthmtn.)	49	45	44	1	2	0·2
Lympne ...	47	44	42	0·1	4	1·1
Manston ...	49	45	44	Tr	2	4·0
Shoeburyness ...	49	44	42	0·1	1	3·2
Felixstowe ...						
Gorleston ...	49	43	43	-	2	4·1
Mildenhall ...	49	45	43	0·2	1	3·9
Cranwell ...	47	42	41	Tr	5	2·5
Birmingham ...	45	43	43	0·1	1	4·0
Upper Heyford	46	43	43	0·3	1	*
Ross-on-Wye	48	45	42	0·2	0·4	0·2
Portland Bill ...	48	46	*	1	5	*
Plymouth ...	50	49	47	0·3	2	0·0
The Lizard ...	50	48	*	0·1	1	*
Scilly (St. Mary's)	50	49	*	0·5	1	0·0
Guernsey ..	49	49	46	1	2	0·0
Pembroke ...	49	46	*	1	2	0·0
Holyhead ...	49	44	42	4	2	0·7
Chester (Sealand)	46	43	40	0·6	1	0·3
Manchester ...	46	43	40	1	4	0·9
Spurn Head ...	46	40	*	-	0·5	2·1
Catterick ...	48	39	37	0·3	0·1	2·1
Tynemouth ...	48	39	39	-	-	2·5
Inchkeith ...	43	36	31	-	-	0·2
Leuchars ...	38	32	28	0·1	-	0·0
Renfrew (Abbots I.)	44	34	31	1	1	0·1
Eskdalemuir ...	41	36	35	1	3	0·0
Point of Ayre...	47	42	*	0·1	0·3	1·0
Tiree	47	38	36	1	1	1·0
Stornoway ...	44	33	*	-	0·3	7·2
Dalwhinnie ...	36	31	22	0·1	Tr.	0·0
Aberdeen ...	46	34	27	Tr	0·1	3·0
Wick ...	41	30	*	0·4	-	*
Lerwick ...	39	35	*	3	0·2	0·0
Blacksod Point	48	43	*	0·4	Tr	*
Malin Head ...	45	37	*	0·2	0·1	0·0
Aldergrove ...	44	39	38	Tr	1	0·0
Birr Castle ...	47	41	35	0·5	1	0·1
Valentia Obsy. †	51	47	45	1	9	0·1
Roches Point	50	46	*	4	1	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon.	Weather Night.	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity 15h. G.M.T. % (Yesterday.)	Humidity 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew...	18	cm.	cm.d	cm.	50	46	44	0·2	1	1·7	*	*	6
Croydon	217	bccm.	cr.r.m.	r.r.d.m	49	46	44	0·4	0·6	1·4	*	*	6
Greenwich (Royal Observatory)...	149	bcm.	cr.d.	d.d.c.d.d.	50	43	44	0·3	1	1·5	80	93	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·6	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	50	43	*		1	0·9	74	97	*
Regents Pk. (Botanic Gardens)‡...	166	*	*	*	50	43	40	1	2	1·4	71	99	*
Camden Square	110	bc	ccr	*	49	46	44	1	2	*	*	96	*
Kensington	80	bcc	c	*	50	46	43	0·6	1	1·4	65 At 18h.	93	*
Hampstead Observatory	480	bc	bcor	cd.	47	43	36	-	3	0·6	*	92	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 31st.

South Kensington. Max.	Time.	Min.	Time.
0·6	18-19h 30th	<0·3	01h. 31st

Kew Observatory. Max.	Time.	Min.	Time.
0·3	9h 30th	<0·1	23h. 30th 6h. 31st.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 30th January. Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 31st January. Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1006·3	SSW	2	d.d.	48	999·4	SSW	4	o/d	52	50	45	0·1	7
Brussels	1004·9	S	3	c	41	996·5	SSW	4	r.r.	45	43	*	Tr	*
Berlin	1008·3	-	0	r.r.	39	1005·1	SSE	2	cf	34	41	34	Tr	Tr.
Zürich	1014·0	SE	1	c	37	1010·3	SSW	2	c	39	48	32	2	-
Rome	1001·7	E	4	c	50	1008·9	NE	2	c	41	*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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