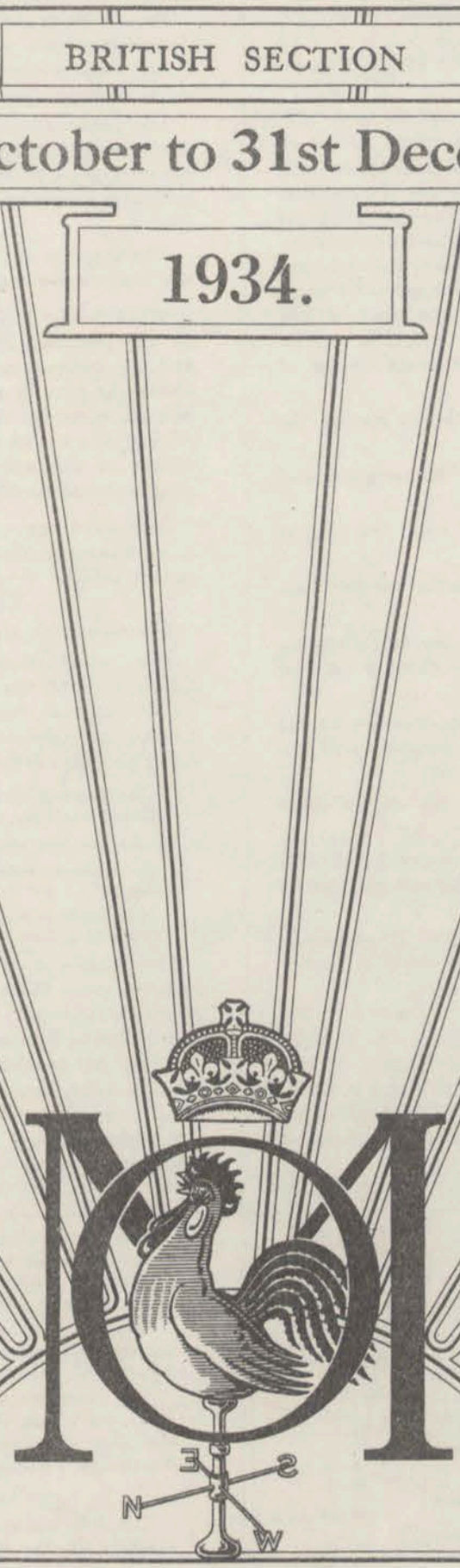
M.O. Form 2373

THE DAILY WEATHER REPORT

BRITISH SECTION

1st October to 31st December

1934.



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:—Bulgaria, Austria, Hungary, Greece, Turkey, Egypt, Sudan, Cyprus, Palestine, Syria (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.

2748

1h. G. M. T.

7h. Local Time.

Ships. 0h. G.M.T.

Ships 6h. G.M.T.

Stations 6h G.M.T

0h. G.M.T.

8h. G.M.T

7h. G.M.T.

6h G.M.T

Land

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

Statute Miles 0 1 2 3 4 500

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.
    Perth.

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.

The sunshine recorder in Regent's Park was moved to a less obstructed site in the Zoological Gardens on 10th February.

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 temperature 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.

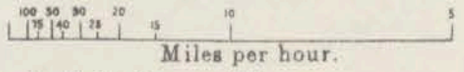
The scale below can be used to determine the theoretical wind as deduced from the pressure distribution on either chart. On the assumption that the path of the air is straight this theoretical wind is called the Geostrophic Wind.

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 : 4×10^7 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. The number of feathers on the arrows denotes wind force by Beaufort number.

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 and errors in the Report so found are noted.

N.B.—Readers of the Report who are unacquainted with the method of construction and the use of weather charts are recommended to read "The Weather Map. An Introduction to Modern Meteorology," (2nd Edition, 1930), to be purchased from H.M. Stationery Office, Adastral House, Kingsway, W.C.2, price 3s 2d. post free.

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

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

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AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

MONTHLY SUPPLEMENT,

December, 1934. No. 216.

DULL, RAINY AND ABNORMALLY MILD.

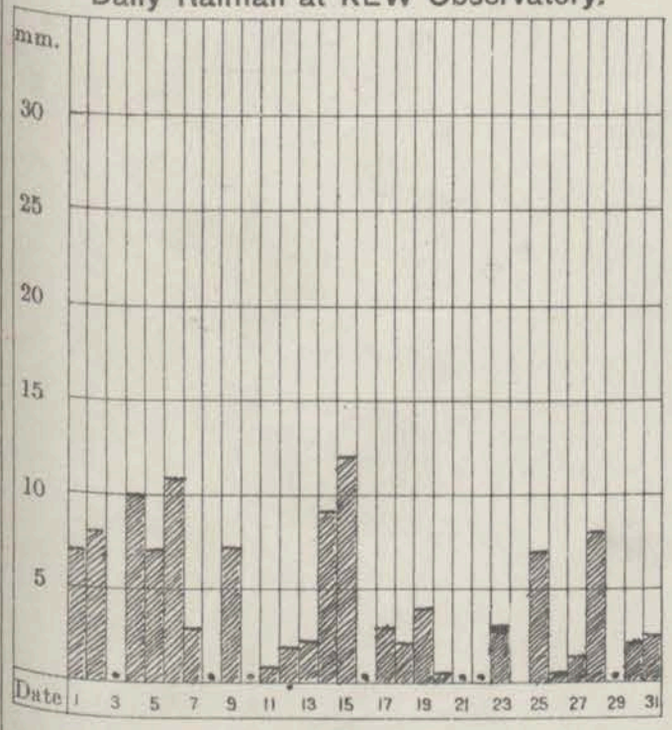
The outstanding features of the month were (1) the large excess of rainfall in all districts, except the extreme N.W.; the amounts recorded at Holyhead and Valentia were the highest ever recorded at these stations during December since records began in 1871 and 1870 respectively; (2) the marked deficiency of sunshine in all districts; at Cranwell, Gorleston, Lympne and Shoeburyness the values were the lowest recorded for December at these stations since records began in 1921, 1908, 1921 and 1919 respectively; (3) the abnormally high temperatures; the excess over normal at Kew was 7·5°F. - a phenomenal value; and (4) mean pressure readings in all districts were markedly below the December normal values.

From 1st to 19th intense depressions, with associated secondaries, approaching or crossing the country, maintained very mild, rainy and cloudy to dull conditions generally. Winds were variable in direction but mainly between south and west, frequent gales being experienced, particularly in the S.W. and W., and also in the N.W. and N. (notable gust 90 m.p.h. at The Lizard on 9th). Sunshine values generally were very poor. Fog occurred locally, particularly in S. and E. England, where dense fog persisted all day on the 10th. Heavy rain fell at times particularly in the S. and W.; outstanding falls were 55 mm. (2·17 in.) at Penzance on 1st and 43 mm. (1·69 in.) on 10th at Douglas, Isle of Man (this latter amount fell during the period 5 p.m. on 10th and 9 a.m. on 11th). Thunderstorms occurred at Valentia on 7th and 8th. Temperatures in all districts continued well above the seasonal values; the mean maximum and mean minimum values for the first 10 days at Kew were some 9°F. and 14°F. respectively above the normal.

On 20th and 21st a feeble wedge of high pressure crossed the country and bright intervals occurred in many areas, particularly in S. and E. England, but slight rain also fell - heavy rain falling in S.W. Ireland on 21st. Fog also occurred, particularly in S.E. England on 21st, when dense fog persisted all day in the London area.

From 22nd to 31st deep depressions, with associated secondaries, maintained very mild, rainy and mainly cloudy conditions generally. Bright periods occurred, particularly in S. England. Heavy rain fell at times in many areas. Winds were variable in direction but mainly between S. and E., reaching gale force at times in the W. and N. Fog occurred on 22nd and 23rd, particularly in S. and S.E. England, where dense fog persisted locally all day on 23rd. Local thunderstorms were reported in the South on 27th.

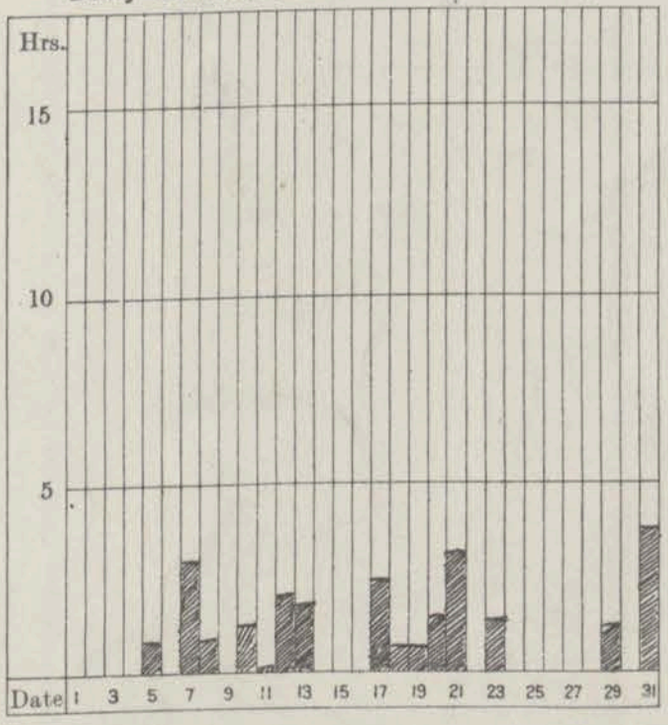
Daily Rainfall at KEW Observatory.



• = Less than 0·5 mm.

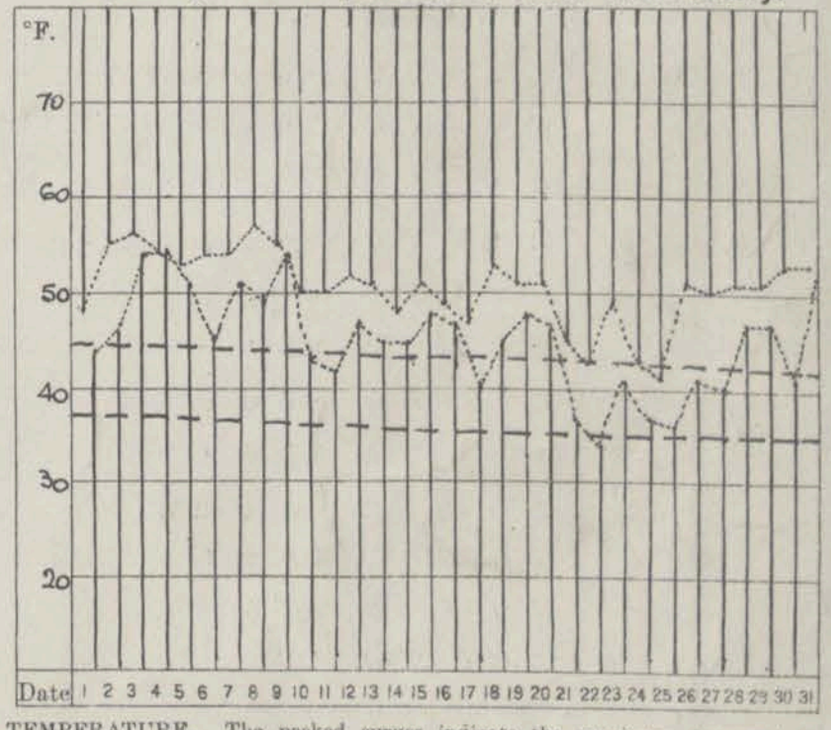
RAINFALL. Total for Month. 113 mm.

Daily Sunshine at KEW Observatory



SUNSHINE. Total for Month. 26 hrs.

Daily Range of Temperature at KEW Observatory.



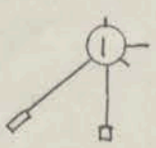
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

Stations.	Pressure		Temperature	
	Mean	Difference from average	Mean	Difference from average
	mb.	mb.	°F.	°F.
Kew	1003.0	-10.7	47.9	+7.5
Aberdeen	998.5	-8.4	44.7	+6.1
Valentia	993.7	-17.0	49.3	+3.7

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

WIND FREQUENCIES AT 7 hr.

Kew	Aberdeen	Valentia
		

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

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

	miles.
Kew ...	6,662.
Aberdeen ...	9,654.
Lerwick ...	(17,637).
Valentia ...	9,699.

SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY,

	Stations.	†TEMPERATURE. Number of daily readings within fixed limits. Maximum. 32° or below	33°–41°	42°–50°	51°–59°	60°–68°	Average Maximum. °F.	Minimum. 23° or below	24°–32°	33°–41°	42°–50°	51°–59°	Average Minimum. °F.	Extremes—Warmest and Coldest. Days. Highest Max. °F.	Date.	Lowest Max. °F.	Date.	Nights. Highest Min. °F.	Date.	Lowest Min. °F.	Date.	Number of Ground Frosts.	LOW CLOUD. Number of observations within fixed limits. 7 h. Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	13 h. Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	18 h. Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	FOG, MIST and GOOD VISIBILITY. Number of observations within fixed limits. 7 h. Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	13 h. Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.
1	London ...	0	1	11	19	0	44.8	0	0	9	16	6	37.7	57	8	41	25	54	3 9	34	22	6	2	27	0	3	26	0	1	22	1	0	1	2	0	17	0	0	3	2	5
	(Kew Obsy).																																								
	Croydon ...	0	1	13	17	0	44.3	0	1	7	17	6	37.2	56	4 7 10	41	25	54	5	31	22	1	4	20	0	15	14	0	8	17	1	0	1	2	0	10	0	0	1	3	5
	Calshot** ...	0	0	6	25	0	46.3	0	0	2	22	7	38.8	56	7 10	47	24 25	53	3 5	34	21	1	2	28	0	7	23	0	4	25	1	0	0	0	1	25	0	0	1	2	15
	(Southampton)																																								
	Lympne ...	0	1	18	12	0	43.5	0	0	10	20	1	36.0	55	7 8	40	24	51	4	36	22	3	15	14	0	17	12	1	11	13	1	0	0	6	1	12	0	1	2	4	15
2	Shoeburyness ...	0	1	12	18	0	44.8	0	0	13	16	2	35.9	57	7	41	25	51	3 9	33	11 17	3	4	24	0	7	22	0	2	20	0	0	1	0	1	20	0	1	1	1	18
	Gorleston ...	0	0	15	16	0	44.0	0	0	5	24	2	37.2	56	7	42	25	52	4	36	30	0	4	24	0	2	27	0	4	22	0	0	0	1	0	4	0	0	0	1	1
	Cranwell ...	0	1	16	14	0	42.6	0	0	17	14	0	34.9	56	8	39	25	49	3 9	34	21	1	9	17	1	9	19	2	7	19	0	0	1	5	2	7	0	1	1	1	7
3	Birmingham ...	0	2	19	10	0	42.7	0	0	12	19	0	36.4	56	3	39	25	50	9	35	24	1	4	20	0	8	21	0	3	23	0	0	1	1	0	21	0	0	1	6	4
	(Edgbaston)																																								
4	Ross-on-Wye ...	0	0	16	15	0	44.8	0	1	7	20	3	37.2	55	2 3	42	25	53	9	32	21	4	0	29	0	1	28	0	3	24	0	0	1	2	0	20	0	0	0	1	22
5	The Lizard ...	0	0	2	29	0	*	0	0	0	26	5	*	54	2 4 7	50	13 24	52	3 4 9	45	14 23	*	1	30	0	2	29	0	2	29	0	0	0	1	0	24	0	0	1	1	20
7	Holyhead ...	0	0	14	17	0	46.6	0	0	2	27	2	42.4	56	9	46	25	51	3 4	40	24	0	8	23	0	6	24	1	7	23	0	0	0	0	0	21	0	0	1	0	16
8	Liverpool ...	0	1	23	7	0	44.4	0	0	11	19	1	38.4	54	2 6 8	41	25	51	9	39	14 21	0	2	29	0	3	25	0	2	28	0	0	0	0	1	25	0	0	0	3	16
	(Bidston)																																								
10	Tynemouth ...	0	0	27	4	0	44.2	0	0	5	25	1	37.9	55	8	44	13 25	51	9	38	21	0	0	31	0	0	31	0	2	29	0	0	0	2	0	16	0	0	4	2	7
11	Inchkeith** ...	0	1	23	7	0	43.9	0	0	8	23	0	38.5	56	9	41	21	49	2 9	38	26	0	3	28	0	3	28	0	1	30	0	0	0	1	2	27	0	1	1	2	19
12	Renfrew ...	0	1	21	9	0	43.4	0	2	14	14	1	35.5	55	9	40	21	51	2	27	6	5	2	28	0	1	29	0	2	27	0	0	0	1	2	2	0	1	2	8	6
	Eskdalemuir ...	0	5	25	1	0	40.5	0	0	22	9	0	33.1	52	9	38	25	46	3	34	6	1	16	15	0	19	12	0	19	10	0	0	0	1	1	14	0	0	1	1	15
13B	Stornoway	0	1	28	2	0	44.4	0	0	5	26	0	37.7	52	9	41	4	49	9	38	4 5	*	3	28	0	1	30	0	2	29	0	0	0	0	0	27	0	0	0	0	28
15	Aberdeen ...	0	2	26	3	0	42.9	0	1	9	21	0	36.6	51	2 8 9	40	6	48	9	36	21	3	8	17	1	16	12	2	13	15	1	0	0	0	0	12	0	0	1	0	9
18	Aldergrove ...	0	0	24	7	0	*	0	0	8	22	1	*	53	2 4 7	44	17 25	51	2	35	14	0	14	17	0	17	14	0	8	22	0	0	0	0	0	18	0	0	0	0	23
19	Dublin ...	0	0	13	18	0	46.9	0	1	8	22	0	35.9	56	2 4 6 8 9	47	24	49	8	29	14	3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	(Phœnix Park)																																								
	Birr Castle ...	0	0	17	14	0	45.7	0	1	5	24	1	37.6	56	30	47	17 23	51	2	31	14	3	0	26	0	0	30	0	0	30	0	0	0	0	0	31	0	0	0	0	31
20	Valentia ...	0	0	6	25	0	49.1	0	0	3	26	2	43.0	54	6	48	22	52	2	37	4	0	7	24	0	9	22	0	9	22	0	0	0	0	0	27	0	0	0	0	28
	(Cahirciveen)																																								

UPPER AIR TEMPERATURE.

Pressure. mb.	Normal Height. Feet.	Normal Temperature. °F.	Duxford. Mean. °F.	Duxford. No. of Reports.	S. Farnborough. Mean. °F.	S. Farnborough. No. of Reports.	Bicester. Mean. °F.	Bicester. No. of Reports.
950	1730	36.7	45.2	33	47.2	12	44.4	7
850	4640	30.5	35.9	35	38.1	12	34.4	7
750	7870	22.5	26.2	35	27.3	12	24.0	7
650	11490	10.9	14.9	35	16.4	9	12.8	6
550	15620	-3.6	0.4	35	2.8	6	-3.5	4

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	35	4	10	21	0	0	31	1	17	13	0	0	33	1	16	15	1	0	49	3	19	23	4	0	2,000
5,000	12	3	4	5	0	0	5	1	4	0	0	0	8	0	4	4	0	0	12	1	5	4	2	0	5,000
10,000	3	1	2	0	0	0	1	0	0	1	0	0	1	0	1	0	0	0	2	0	2	0	0	0	10,000
15,000	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	15,000

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

METEOROLOGICAL OFFICE, AIR MINISTRY, Kingsway, London, W.C.2.

G. C. Simpson, C.B., D.Sc., F.R.S., Director.

SUNSHINE, RAINFALL, AND HUMIDITY — DECEMBER 1934.

Stn. error.

District	Stations	SUNSHINE. Number of Days with Duration. Nil.	0·1—3h.	3·1—6h.	6·1—9h.	Above 9h.	Maximum Duration. Hours.	Date.	Total for past 12 months. Hours.	Difference from average. Hours.	Total for Month. Hours.	Difference from average. Hours.	Highest and Lowest Totals on record for Month. First year of record.	Highest. Hrs.	Year.	Lowest. Hrs.	Year.	RAINFALL. ‡Number of days with amount. 0, trace or 0·1 mm.	0·2—1 mm.	1·1—5 mm.	5·1—15 mm.	15·1—25 mm.	Above 25 mm.	Maximum fall in 24 hrs. mm.	Date.	Total for past 12 months. mm.	Difference from Average. mm.	Total for Month.‡ mm.	Difference from Average. mm.	Highest and Lowest Totals on record for Month. First year of record.	Highest. mm.	Year.	Lowest. mm.	Year.	Days with Thunder.	Days with Snow or Sleet.
1	London ... (Kew Obsy.)	16	12	3	0	0	3.8	31	1573	+108	26	−11	1880	72	1886	0	1890	6	4	11	10	0	0	12	15	501	−105	113	+55	1856	162	1914	6	1926	0	0
	Croydon ...	17	13	1	0	0	3·1	31	1552	+2	19	−23	1922	58	1929	19	1930	5	5	6	13	2	0	19	15	674	−5	162 163	+93	1921	174	1929	8	1926	0	0
	Calshot** ... (Southampton)	16	7	8	0	0	5·8	10	1701	−20	44	−16	1881	86	1886	21	1890	5	1	10	9	6	0	21	6	777	+131	217	+143	1871	251	1914	10	1926	0	0
	Lympne ...	14	16	1	0	0	5·2	21	1724	−52	19	−40	1921	85	1926	40	1931	5	4	6	15	1	0	17	18	655	−69	168	+86	1920	181	1929	14	1932	0	0
2	Shoeburyness...	15	15	1	0	0	3.5	7	1697	−19	20	−32	1919	73	1926	32	1919	5	8	14	4	0	0	10	2	377	−103	80	+36	1920	82	1928	5	1932	0	0
	Gorleston ...	19	11	1	0	0	4.2	13	1709	+60	20	−23	1908	64	1925	21	1908	6	5	16	4	0	0	15	2	533	−89	81	+19	1871	151	1914	12	1932	0	0
	Cranwell ...	14	13	4	0	0	4·7	7	1538	−12	30	−19	1921	62	1929	33	1930	9	5	10	7	0	0	11	13	496	−94	85	+29	1917	92	1929	9	1933	0	0
3	Birmingham ... (Edgbaston)	13	15	3	0	0	5·3	31	1430	+132	29	−4	1887	90	1891	5	1890	4	6	12	9	0	0	12	6	592	−82	117	+49	1893	155	1914	11	1926	0	0
4	Ross-on-Wye ...	10	16	5	0	0	4·5	20	1556	+76	38	−10	1915	73	1929	30	1915 1927	3	7	10	11	0	0	14	7	569	−149	148	+72	1859	196	1929	11	1926	0	0
5	Falmouth ... (Observatory)	12	16	2	1	0	6.4	29	1715	−10	39	−17	1881	82	1886	19	1890	1	4	5	15	5	1	37	1	1027	−80	274	+115	1871	280	1915	21	1926	0	0
7	Holyhead ...	15	14	2	0	0	3·8	10	1580	+35	27	−14	1914	71	1916	15	1931	3	1	10	13	2	2	34	4	922	+34	241	+135	1871	206	1915	21	1926	0	0
8	Liverpool ... (Bidston)	12	16	3	0	0	4.4	10	1438	−18	25	−18	1908	70	1929	17	1927	6	8	10	6	0	1	27	4	623	−86	103	+36	1867	156	1918	13	1905	0	0
10	Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5	8	13	3	2	0	17	25	730	+109	87	+32	1915	133	1915	15	1932	0	0
11	Inchkeith** ...	17	11	3	0	0	4.3	17	1422	−6	23	−15	1923	51	1924 1929	19	1933	19	1	8	3	0	0	8	3	547	−7	49	+14	1870	145	1876	7	1926	0	0
12	Renfrew ...	21	9	1	0	0	3·1	31	1244	+46	13	−18	1921	43	1923 1929	12	1927	4	4	14	8	1	0	16	30	999	+74	139	+28	1921	230	1929	15	1933	0	0
	Eskdalemuir ...	23	8	0	0	0	2.2	24	1167	−37	12	−20	1910	56	1925	3	1912	4	5	5	12	5	0	21	26	1675	+246	222	+44	1910	339	1932	37	1933	0	1
13a	Stornoway ...	16	15	0	0	0	3.0	6	1246	+15	187	−4	1881	50	1890	6	1884	6	10	8	7	0	0	13	27 30	1225	−41	89	−70	1870	378	1898	30	1927	0	0
15	Aberdeen ...	22	7	2	0	0	4.4	29	1495	+165	15	−22	1881	68	1891	7	1903	7	6	11	6	1	0	19	26	848	+100	106	+24	1871	227	1876	20	1905	0	1
18	Aldergrove ..	13	16	2	0	0	3.9	20	1282	*	23	*	1927	54	1929	21	1931	2	6	16	5	2	0	21	25	920	*	132	*	1926	145	1929	28	1926	0	0
19	Dublin ... (Phœnix Park)	7	15	9	0	0	6.0	10 20	1485	+30	54	+8	1881	79	1897	20	1910	5	8	10	7	0	1	27	4	663	−42	112	+47	1865	166	1914	19	1885	0	0
	Birr Castle ...	7	20	4	0	0	4.2	12	1361	+50	39	−4	1881	68	1891	22	1884	4	5	10	11	1	0	19	4	881	+52	130	+46	1872	165	1929	24	1885	0	0
20	Valentia ... (Cahirciveen)	16	20	1	0	0	3.5	10	1376	+4	21	−17	1880	66	1933	14	1931	0	1	6	15	6	3	30	21	1576	+162	345	+176	1866	295	1929	37	1926	2	0

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)	2	18	9	2	0	0	0	0	0
Ross-on-Wye ...	1	13	14	3	0	0	0	0	0
Falmouth (Obsy.)	11	14	6	0	0	0	0	0	0
Renfrew ...	2	15	13	1	0	0	0	0	0
Eskdalemuir ...	3	23	4	1	0	0	0	0	0
Aberdeen ...	3	11	11	1	5	0	0	0	0
Valentia ...	4	17	10	0	0	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	31	0	0	0	0	0	0	0	0
Ross-on-Wye	0	31	0	0	0	0	0	0	0	0
Renfrew ...	0	31	0	0	0	0	0	0	0	0
Eskdalemuir	0	31	0	0	0	0	0	0	0	0
Aberdeen ...	0	31	0	0	0	0	0	0	0	0
Valentia ...	0	31	0	0	0	0	0	0	0	0

CODE for State of Ground.

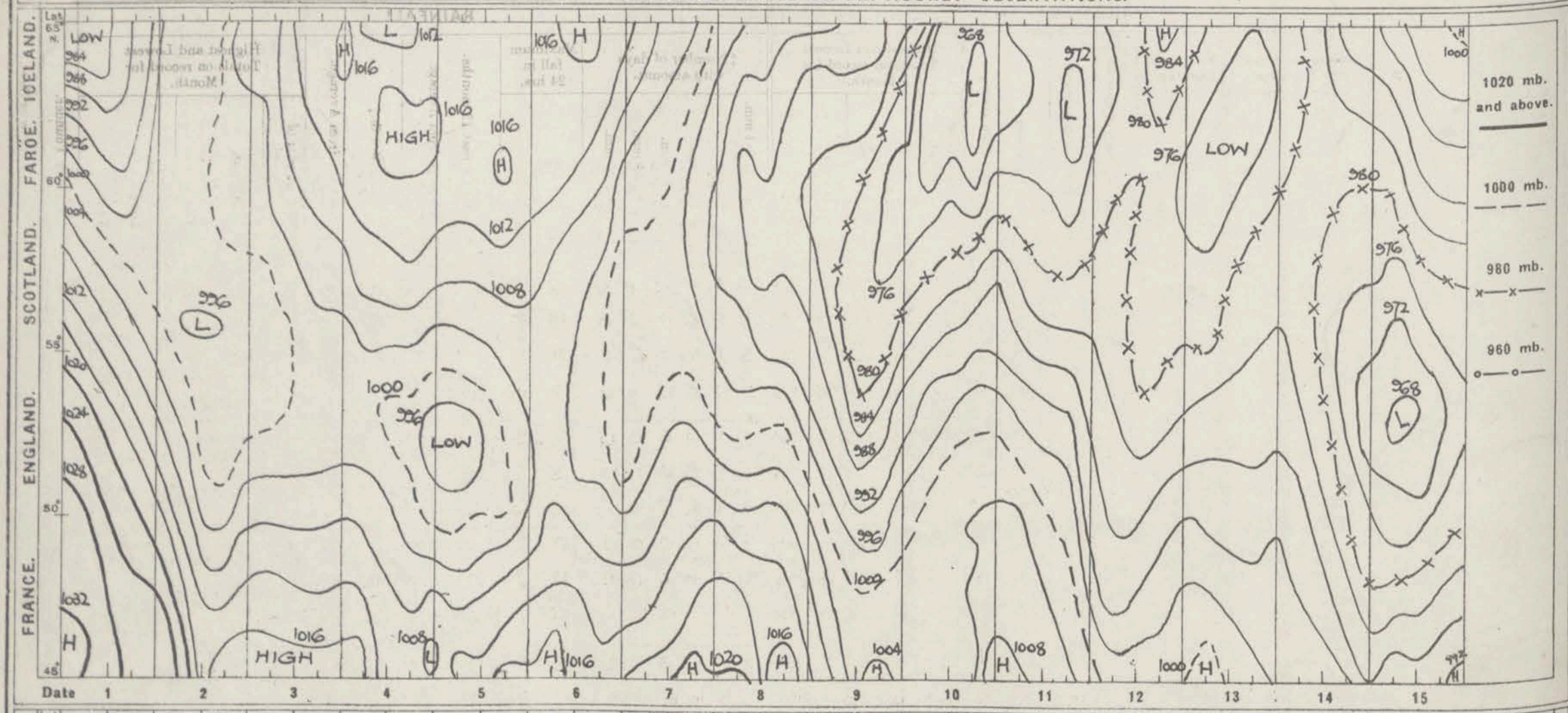
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow, greater than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

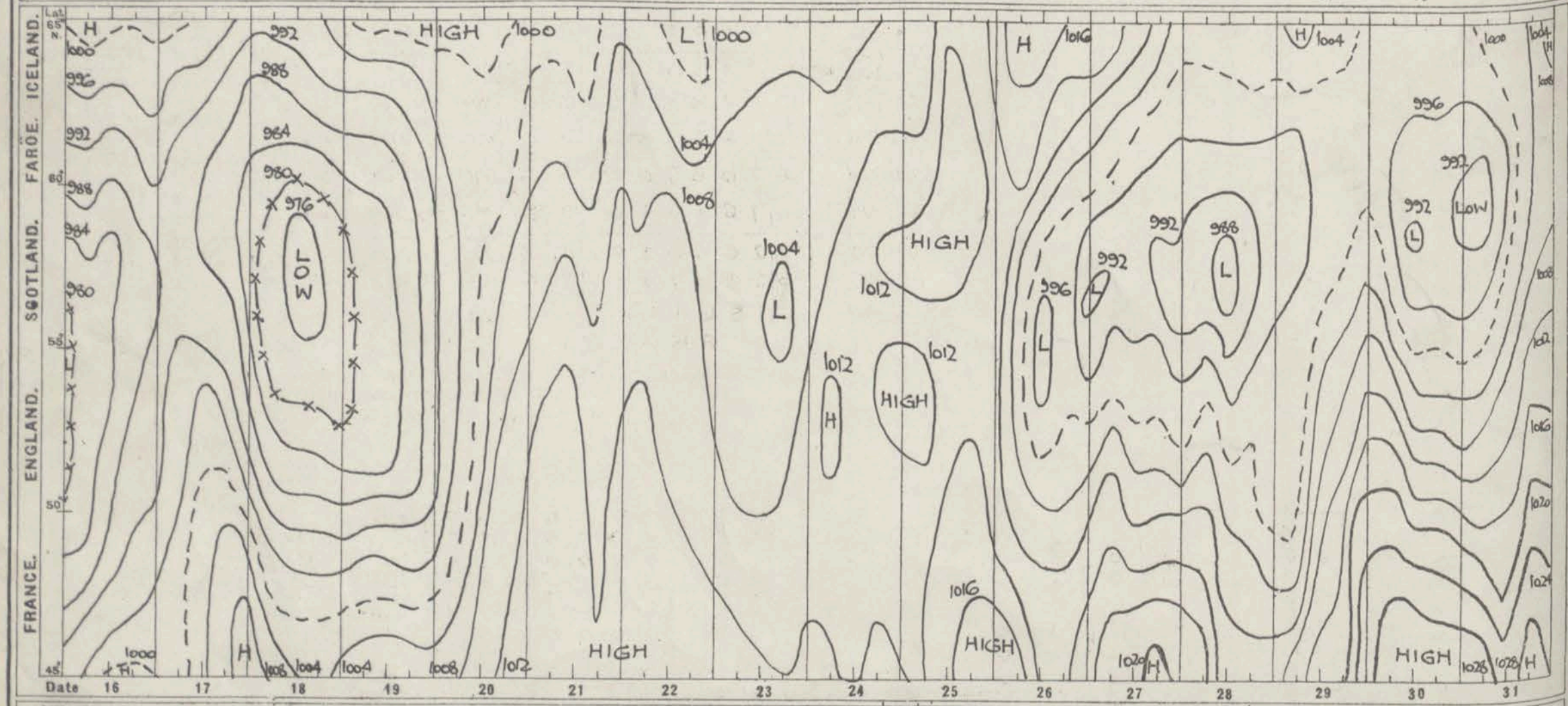
** In extremes of rainfall the short period returns from Inchkeith are supplemented by those from Leith, and extremes of rainfall and sunshine from Calshot by those from Southampton.

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

PRESSURE: ICELAND TO GULF OF LIONS DECEMBER 1934.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 1st December 1934.

No. 26672

District.	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 30th November: 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)	1031.3	-10	5E'S	3	c	48	65	6	5	-	-	10	10	5700
	Croydon	1032.6	-10	5E'S	2	3o	47	65	6	5	-	-	9+	9+	4000
	S. Farnborough	1032.1	-14	5E	3	c	47	75	6	5	-	-	10	10	4000
	Boscombe Down	1031.6	-12	5E'E	3	3o	47	85	6	5	-	-	10	10	4000
	Calshot, S'thmtn	1031.5	-14	5E'E	4	c	48	75	6	5	-	-	10	10	4000
	Lyanpne	1033.5	-8	5E'E	3	c	47	55	7	5	-	-	7-8	7-8	7100
	Manston	1033.1	-8	5SE	3	c	48	65	7	5	3	-	7-8	7-8	4000
2	Shoeburyness	1033.2	-10	ESE	1	c	47	85	6	4	-	-	9+	9+	4000
	Felixstowe	1033.7	-6	-	0	3o	47	85	5	5	-	-	10	10	4000
	Gorleston	1033.5	-6	-	0	c	47	75	5	5	-	-	9	9	2500
	Cranwell	1032.9	-10	5E'S	2	3o	44	75	6	5	2	-	7-8	10	2500
3	Birmingham	1031.9	-10	5SE	2	m	45	95	4	5	-	-	10	10	1500
	Upper Heyford	1032.6	-8	ESE	2	3o	45	95	5	5	-	-	10	10	2500
4	Ross-on-Wye	1030.7	-8	5SE	2	3o	47	75	6	5	-	-	10	10	1500
5	Portland Bill	1030.7	-10	9E	4	c	49	95	7	4	-	-	10	10	2500
	Plymouth	1030.1	-6	ESE	4	c	46	75	7	5	-	-	9+	9+	2500
	The Lizard	1028.9	-8	SE	3	c	47	95	8	8	2	-	7-8	10	2500
	Scilly (St. Mary's)	1028.3	-6	SWW	3	c	47	85	7	5	-	-	10	10	2500
	Guernsey	1030.9	-6	5SE	2	c	44	75	6	8	1	-	7-8	9+	2500
6	Pembroke	1029.4	-8	5'E	6	3o	47	75	6	5	2	-	7-8	10	2500
7	Holyhead	1028.8	-12	S	3	c	49	85	5	5	-	-	10	10	4000
	Chester (Sealand)	1031.3	-12	5E'S	2	of	46	95	3	5	-	-	10	10	800
8	L'pool (Bidston)	1030.9	-10	S'W	5	m	46	95	4	5	-	-	10	10	1500
	Manchester	1031.2	-10	S	2	o/f	47	85	4	5	-	-	10	10	4000
9	Harrogate	1031.4	-6	S	1	f	44	85	2	5	-	-	10	10	<150
10	Spurn Head	1032.6	-2	SW	1	c	46	75	6	-	2	-	0	10	-
	Catterick	1031.3	-12	5SE	1	of	42	95	3	5	-	-	10	10	800
	Tynemouth	1030.9	-8	SW	2	of	44	85	3	5	-	-	10	10	1500
11	Inchkeith	1028.7	-14	N	1	c	45	85	6	5	-	-	9+	9+	2500
	Leuchars	1028.2	-14	S	2	c	45	85	6	5	2	-	9+	10	4000
12	Renfrew (Abbotsl.)	1027.3	-18	S	1	m	47	85	4	5	-	-	10	10	2500
	Eskdalemuir	1028.9	-18	S	3	f	42	95	3	5	-	-	10	10	<150
13A	Tiree	1029.8	-18	S	5	c	49	85	7	5	-	-	9+	9+	2500
13B	Stornoway	1021.3	-18	SSW	7	c	49	75	7	8	6	-	9	10	1500
15	Dalwhinnie	1026.4	-16	SW	3	c	44	75	8	4	4	-	4-6	10	2500
	Aberdeen	1027.2	-14	S'W	2	3o	44	75	6	5	-	-	10	10	1500
	Wick	1024.6	-14	SSW	2	c	45	85	8	5	2	-	7-8	9+	1500
16	Lerwick	1023.5	-12	SSW	4	c	47	95	7	9	7	-	7-8	9	800
17	Blacksod Point	1021.7	-20	S	5	c	51	75	8	-	4	5	0	7-8	-
18	Malin Head	1025.3	-22	S	4	c	49	85	7	8	8	-	9	9+	1500
	Aldergrove	1026.9	-16	S	3	3o	49	85	6	5	-	-	10	10	4000
	Donaghadee	1027.6	-10	SSW	2	id.	49	85	7	5	-	-	9+	9+	1500
19	Birr Castle	1026.1	-12	S	3	0	49	85	8	5	-	-	10	10	2500
20	Valentia Obsy.	1023.9	-20	5SE	6	c	51	75	9	8	7	1	4-6	9+	2500
	Roches Point	1027.1	-8	SSW	4	c	50	85	7	5	-	-	9	9	1500

District.	Stations. (For heights see p. 4.)	OBSERVATIONS at 18h. G.M.T. 30th November: 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)	1031.3	0	SE'E	2	c	44	65	5	5	-	-	10	10	2500	1	*
	Croydon	1032.0	-2	5E'S	2	3o	42	85	5	5	-	-	10	10	4000	1	*
	S. Farnborough	1031.4	-4	E	3	c	45	75	5	5	-	-	10	10	2500	1	*
	Boscombe Down	1030.8	-4	ESE	3	3o	44	85	6	5	-	-	10	10	2500	1	*
	Calshot, S'thmtn	1031.3	+2	SE	4	c	48	75	7	5	-	-	10	10	4000	0	2
	Lyanpne	1032.8	-2	ESE	2	3o	45	65	6	5	-	-	10	10	2500	1	§2
	Manston	1031.4	-2	E	3	bc	44	65	7	5	-	-	2-3	2-3	4000	1	*
2	Shoeburyness	1032.6	0	-	0	c	40	95	6	4	-	-	10	10	4000	1	*
	Felixstowe	1032.6	-4	5'W	2	3o	47	65	6	5	-	-	10	10	4000	0	1
	Gorleston	1032.6	-2	-	0	c	45	85	5	5	-	-	9+	9+	2500	0	1
	Cranwell	1032.0	-2	5E'S	2	m	43	95	4	5	-	-	10	10	4000	1	*
3	Birmingham	1031.1	-4	5SE	2	0	44	85	6	5	-	-	10	10	800	1	*
	Upper Heyford	1031.6	-2	5E	2	c	44	75	6	5	2	-	4-6	10	4000	1	*
4	Ross-on-Wye	1029.8	-6	5E'S	2	3o	46	75	6	5	-	-	10	10	2500	1	*
5	Portland Bill	1030.1	+2	S	4	c	46	85	7	4	-	-	10	10	2500	1	3
	Plymouth	1028.9	-4	ESE	3	o/r	46	85	6	5	-	-	10	10	1500	1	2
	The Lizard	1028.4	+2	SW	3	0	48	75	7	5	-	-	10	10	2500	1	2
	Scilly (St. Mary's)	1027.7	0	S'W	3	c	48	75	7	5	-	-	10	10	2500	1	1
	Guernsey	1030.6	0	S	3	0	44	85	6	5	-	-	10	10	2500	0	3
6	Pembroke	1026.4	-8	S'E	4	q	48	75	6	5	2	-	7-8	10	4000	1	2
7	Holyhead	1027.7	-6	S'W	4	c	48	65	5	5	2	-	7-8	10	1500	1	2.
	Chester (Sealand)	1030.1	-4	SE'S	3	3o	46	95	5	5	-	-	10	10	1500	1	*
8	L'pool (Bidston)	1029.5	-2	S	3	o/d	46	95	6	5	-	-	10	10	1500	1	*
	Manchester	1030.1	-4	S'W	3	of	47	85	3	5	-	-	10	10	4000	1	*
9	Harrogate	1030.5	-6	S	1	f	44	95	2	5	-	-	10	10	<150	1	*
10	Spurn Head	1031.7	-4	SSW	2	c	45	85	7	-	2	-	0	10	-	0	1
	Catterick	1029.7	-6	SE'S	2	f	44	95	3	5	-	-	10	10	<150	1	*
	Tynemouth	1029.4	-4	SW	2	m	45	95	4	5	-	-	10	10	1500	1	1
11	Inchkeith	1026.4	-18	SSW	3	0	48	75	6	5	-	-	10	10	1500	0	1
	Leuchars	1026.2	-10	S	1	c	45	95	6	5	-	-	10	10	1500	1	*
12	Renfrew (Abbotsl.)	1025.4	-10	5SE	2	m	47	85	4	5	-	-	10	10	1500	1	*
	Eskdalemuir	1027.2	-10	S'W	3	m	42	85	4	5	-	-	10	10	800	1	*
13A	Tiree	1021.1	-8	S'E	5	c	49	85	7	5	-	-	7-8	7-8	2500	0	3
13B	Stornoway	1018.1	-8	SSW	8	q	49	75	7	8	6	-	4-6	7-8	1500	1	4.
15	Dalwhinnie	1024.3	-8	S	1	c	45	75	6	6	5	-	4-6	10	800	0	
	Aberdeen	1024.8	-14	SSW	3	3o	46	75	5	5	-	-	10	10	2500	1	1
	Wick	1021.3	-8	SSW	4	bc	48	85	8	5	1	-	2-3	4-6	1500	1	2.
16	Lerwick	1020.1	-20	SSW	5	c	47	85	8	8	2	-	7-8	9+	1500	1	*
17	Blacksod Point	1019.1	-12	S	4	c	50	75	8	-	4	-	0	9+	-	0	3
18	Malin Head	1020.6	-20	S	5	c	47	95	7	4	7	-	2-3	9	1500	0	2
	Aldergrove	1025.2	-8	S	3	3o	46	85	6	5	-	-	10	10	4000	1	*
	Donaghadee	1026.0	-6	SSW	2	c	48	75	7	5	-	-	9	9	1500	0	1
19	Birr Castle	1023.9	-14	5SE	2	c	44	95	8	5	-	-	7-8	7-8	2500	1	*
20	Valentia Obsy.	1021.6	-6	5E'S	6	id	49	85	6	5	-	-	10	10	800	1	3
	Roches Point	1025.0	-8	SSW	4	bc	49	85	8	5	-	-	4-6	4-6	2500	1	4

PAST 24 HOURS. WEATHER.

Stations.	7h.–13h. 30th (37)	13h.–18h. 30th (38)	18h. 30th to 1h. 1st (39)	1h.–7h. 1st (40)
London (Kew)	o[c]m.	cbcc	c3.	cm.
Croydon	cm.	cb, cm.	cm. 3.	cm. 3.
S. Farnborough	m cmc	m c	cm.	cm. c
Boscombe Down	id cm.	cm.	cm. o	o d d
Calshot, S'thmtn	cm.	cm. c	cm. c	c
Lyanpne	cm.	cb, cm.	cm. c	c
Manston	C	cbc	bcc	cm.
Shoeburyness	cm.	bccm.	cm.	c
Felixstowe	c3o	c3o	c3.	c3.
Gorleston	c3o3o	c3o3o	cbcc	c
Cranwell	cm.	c3om	cm	cm
Birmingham	ccm	mo	oc	c
Upper Heyford	cdfm	cm.	cm.	cid.
Ross-on-Wye	omc3	c3o3o	o3.	c3.
Portland Bill	c	C	c	c
Plymouth	c	cidfm.	cm. d. d.	cm.
The Lizard	cpd c	co	oc	c
Scilly (St. Mary's)	c	c	cbc6	civ.
Guernsey	obcc	co	o	oc
Pembroke	eqm.	cqm. c	cq	bccq
Holyhead	cm.	dmc	cm. c	cm. c
Chester (Sealand)	off	ffd. o	om.	cbc
L'pool (Bidston)	omom	omd. o	oc	cbcc
Manchester	cmfd.	cmff	c f m.	cm.
Harrogate	cof	off	o f f	co
Spurn Head	3o	co	o	o
Catterick	of	of	o f	o f om
Tynemouth	off	off m	am. o	o
Inchkeith	c3o	c3o o	co	o
Leuchars	cwm.	cmm.	cm.	cm.
Renfrew (Abbotsl.)	id. em. m	m d d cm	m d. om	om. id.
Eskdalemuir	cof	off m	mv. id.	c cid.
Tiree	c	c	c	R r d
Stornoway	cpr. q	cq	cq	cr.
Dalwhinnie	c	c		c
Aberdeen	ccm.	c3. q	c3. c	c
Wick	c	cbc	bcc	civ
Lerwick	corrc	cpr.	c bc	bcc pr.
Blacksod Point	cbc	c	rrcq	i R
Malin Head	c	c	c	cpr
Aldergrove	c3o	c3. bc bbc	bc corr	bc corr
Donaghadee	cmd	cid c	c	civ.
Birr Castle	coir	oc	coir	oir
Valentia Obsy.	cbcvc	ccid	or. rr	rrir.
Roches Point	cpr. c	cbc	bc civ	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, 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.
"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.

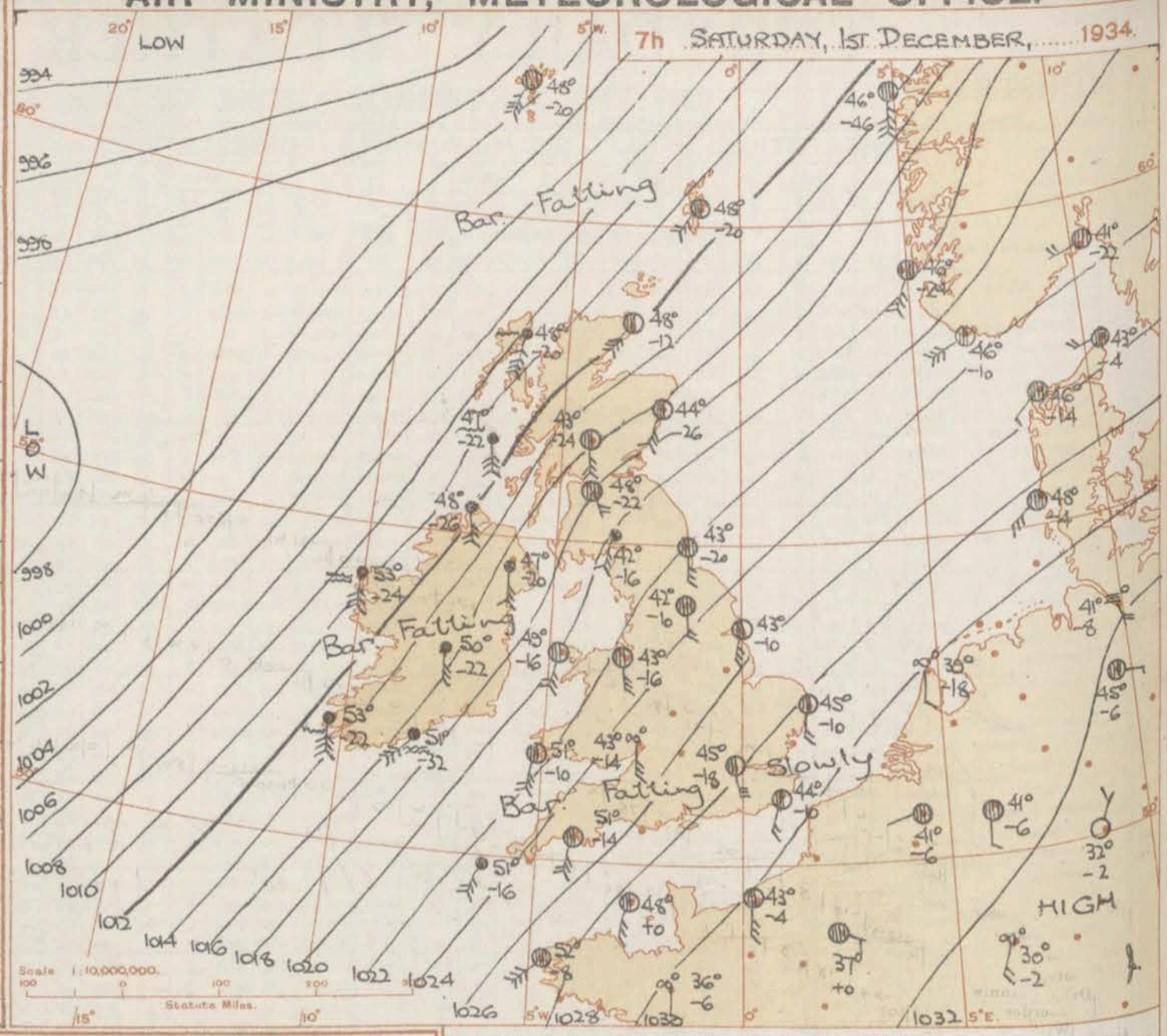
REPORTS from HEALTH RESORTS for 30th November 1934

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	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.	o	oco	43	46	–	–	0.1
	Bournemouth	oc	o	46	49	–	–	0.1
	Ventnor ...	o	o	47	49	–	–	0.0
	Southsea ...	o	o	47	49	–	–	0.0
	Bognor Regis	o	o	46	49	–	–	0.0
	Littlehampton	o	o	45	49	–	–	0.0
	Worthing ...	c	c	46	49	Tr	–	0.0
	Brighton ...	c	c	47	50	0.3	–	0.1
	Eastbourne†	cbco	o	47	50	0.1	–	1.9
	Hastings† ...	co	o	46	49	0.4	–	0.6
	Folkestone ...	o	cbcb	46	49	–	–	1.9
	Dover... ...	c	cbc	47	49	Tr	–	~~0.9~~ 1.8
	Deal	o	obco	46	48	–	–	1.8
	Ramsgate ...	c	bc	47	49	–	–	1.5
	Margate ...	c	bc	45	49	–	–	1.0
2	Southend ...	om	ocbcb	46	47	Tr	–	0.1
	Maldon ...	o	oc	45	47	–	–	0.0
	Clacton-on-Sea	c	c	46	47	–	–	0.0
	Dovercourt ...	oc	oc	45	47	–	–	0.0
	Lowestoft ...	bmc	om	35	46	–	–	0.0
	Skegness ...	o	o	43	46	–	–	0.0
	Mablethorpe	omo	omo	42	46	–	–	0.0
	Cleethorpes...	omo	o	41	47	–	–	0.0
3	Leamington S.	om	o	45	47	–	–	0.0
4	Cheltenham†	om	om	45	47	–	–	0.0
5	Bath	mc	c	47	49	–	–	0.0
	Weymouth ...	mc	c	47	52	–	–	0.1
	Jersey ...	o	o	41	44	–	–	0.0
	Torquay ...	cjg	co	46	48	–	–	0.1
	Penzance ...	ccdc	o	46	50	–	Tr	0.0
	St. Ives ...	o	o	45	48	–	–	0.0
	Bude	c	c	46	46	–	–	0.0
	Ilfracombe ...	oc	co	47	48	–	–	0.4
6	Aberystwyth	jo	oj	46	49	–	–	0.0
7	Llandudno ...	c	c	46	49	–	–	0.0
	Colwyn Bay...	o	o	46	49	–	–	0.0
	Rhyl	mo	o	45	48	–	–	0.0
8	Wallasey ...	fm	m	45	49	–	–	0.0
	Southport‖ ...	o	o	45	47	–	–	0.0
	Blackpool ...	omo	o	45	46	–	–	0.0
	Morecambe ...	mof	mof	44	47	–	–	0.0
9	Ilkley... ...	omog	mofo	41	49	–	–	0.0
10	Berwick-on-T.	o	o	42	46	–	–	0.0
11	Dunbar ...	c	cmo	42	48	–	–	0.0
12	Troon... ...	cococ	cocro	42	48	–	0.3	0.0
	Douglas ...	omo	omo	43	50	–	–	0.0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h SATURDAY, 1st DECEMBER, 1934



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 1st December, 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Moderate southerly wind, freshening; cloudy; rain after dusk; rather mild.
4. W. Midlands	Moderate to fresh southerly wind, becoming strong; cloudy; continuous rain, becoming intermittent; rather mild.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Fresh southerly wind, becoming strong to a gale; cloudy; continuous rain becoming intermittent; fog on the hills; rather mild.
9. N. Midlands 10. N.E. England 11. S.E. Scotland	As 4.
12. S.W. Scotland & Isle of Man	As 5 - 8.
13. A. W. Scotls. B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Strong to a gale southerly wind; cloudy; continuous rain, becoming intermittent; rather mild.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Strong to a gale southerly wind; cloudy, occasional rain; rather mild.

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

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

GENERAL INFERENCE.

Depressions centred over Iceland and about 800 miles west of Ireland are travelling Northeast, while pressure is falling over the British Isles. Weather will be cloudy and rather mild, while rain will spread eastwards from Ireland across the British Isles during to-day.

FURTHER OUTLOOK.

Cloudy; occasional rain; rather mild.

Time of Issue of Gale Warnings.

South Cone at 0840 on 30th. November in 13A, 13B, 16 & 17
South Cone at 0200 on 1st. in 15.
South Cone at 0845 on 1st. in 20.

Forecasts issued at 10.0 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

Morning of Saturday. 1st. December. 1934.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 1st December 1934.

No. 46672

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1030·0	·10	SSE	2	3o	45	75	6	5	-	-	10	10	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1031	-6	S	2	c	45	65	8	5	-	-	10	10	4000
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1030·8	·14	SW's	2	c	43	95	7	5	-	-	10	10	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1028·5	·8	S	4	c	49	95	7	5	-	-	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1027·3	·4	SSW	5	c	49	75	8	5	2	-	9	9+	2500
	Scilly (St. Mary's)	163	1026·0	·6	SSW	4	6	49	75	8	-	-	-	0	0	-
	Guernsey	175	1029·1	·8	S	3	0	46	85	6	5	-	-	10	10	2500
6	Pembroke	142	1024·3	·4	SW's	5	9	50	75	7	5	-	-	10	10	2500
7	Holyhead	26	1023·8	·8	S	4	c	48	75	6	5	-	-	10	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1029·5	·6	SW's	3	c	44	85	6	-	2	-	0	10	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1026·6	·16	S	3	0	45	95	6	5	-	-	10	10	1500
11	Inchkeith	190	1024·2	·14	SW	3	0	47	75	7	5	-	-	10	10	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1013·0	·8	SSW	8	c	49	75	7	8	-	-	10	10	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1016·2	·16	SW	6	c	46	85	7	5	1	-	4·6	7·8	1500
16	Lerwick	156	1015·5	·16	SSW	6	8c	47	95	7	5	-	-	4·6	4·6	1500
17	Blacksod Point	18	1014·2	·22	SSE	6	r	52	95	7	6	-	-	10	10	800
18	Malin Head	52	1016·9	·30	S'E	5	r	46	95	7	6	-	-	10	10	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1017·3	·14	S	6	r	51	95	7	6	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	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	1027·6	-10	S	1	c	45	85	6	5	-	-	10	10	4000	1	*
	1027·5	-18	S'E	3	c	45	75	6	5	-	-	10	10	4000	1	*
	1027·4	-18	S	3	c	44	75	6	5	-	-	10	10	2500	1	*
	1027·1	-12	SSE	3	dd	42	95	6	6	-	-	10	10	800	1	*
	1027·9	-10	SSE	3	c	46	85	8	5	-	-	10	10	1500	1	1
	1028·8	-10	S'W	2	c	44	75	7	5	-	-	10	10	2500	1	§2
	1028·4	-10	SW	2	c	44	85	6	5	-	-	10	10	1500	0	*
2	1028·6	-10	SSW	2	c	45	85	7	5	-	-	10	10	1500	1	*
	1028·2	-14	SW's	3	3o	46	75	6	5	-	-	10	10	2500	0	1
	1028·4	-10	S	2	c	45	75	6	5	-	-	10	10	2500	0	2
	1026·0	-20	SSE	3	m	41	85	4	5	-	-	10	10	1500	1	*
3	1025·6	-16	S	2	c	41	85	7	5	-	-	9	9	1500	1	*
	1026·6	-14	S	3	id$_o$	42	85	6	5	-	-	10	10	2500	1	*
4	1024·9	-14	S	3	3o	43	85	6	1	-	8	Tr	9+	2500	1	*
5	1025·9	-8	SW	4	c	51	75	7	4	-	-	10	10	1500	1	3
	1025·1	-14	S	5	c	51	85	7	5	2	-	4·6	10	1500	1	3
	1025·1	-12	S'W	5	c	51	95	8	4	-	-	9+	9+	1500	1	3
	1022·8	-16	S'W	5	ir$_o$	51	95	7	8	2	-	7·8	10	2500	1	3
	1028·2	0	SSW	3	c	48	85	6	8	-	-	10	10	2500	0	3
6	1021·0	-10	S'W	5	cq	51	75	7	5	-	-	9+	9+	4000	1	3
7	1020·2	-16	S'W	5	c	49	85	6	5	1	-	7·8	10	1500	1	2
	1023·5	-16	SSE	3	c	43	85	7	5	7	-	4·6	7·8	2500	1	*
8	1022·4	-20	S'W	4	c	42	85	8	5	-	-	7·8	7·8	2500	1	*
	1024·0	-14	SW's	4	3o	44	85	6	5	2	-	2·3	10	2500	1	*
9	1023·7	-10	S	2	o	42	85	6	5	-	-	10	10	2500	1	*
10	1025·7	-10	SSW	3	c	43	95	7	-	2	-	0	10	-	0	2
	1022·8	-16	SE's	3	m	42	85	4	5	-	-	10	10	2500	1	*
	1022·0	-20	S	3	o	43	85	6	5	-	-	10	10	1500	1	1
11	1019·1	-22	SW	2	o	46	85	7	5	-	-	10	10	1500	0	1
	1018·2	-24	SSW	2	c	45	85	6	5	2	-	7·8	10	1500	1	*
12	1017·1	-22	SSE	2	o/d	48	85	6	6	-	-	10	10	2500	1	*
	1020·3	-16	SSW	4	id$_o$	42	95	6	5	-	-	10	10	800	1	*
13A	1011·7	-22	S'E	6	dd	47	95	6	6	2	-	9+	10	1500	1	4
13B	1008·6	-20	SSW	8	r$_o$r$_o$	48	95	7	6	2	-	7·8	10	1500	1	4
15	1015·6	-24	S	5	c	43	95	6	3	5	-	4·6	10	800	1	*
	1015·6	-26	S'W	4	c	44	85	7	-	7	7	0	10	-	1	1
	1011·6	-12	SW	6	c/r	48	85	7	9	2	-	7·8	9+	1500	1	3
16	1010·3	-20	SW's	5	c	48	95	7	8	2	-	7·8	9+	1500	0	*
17	1009·8	-24	S	6	iR	53	95	7	6	-	-	10	10	450	1	5
18	1010·9	-26	S'E	5	pr	48	95	7	6	2	-	7·8	10	1500	1	2
	1016·6	-20	S	4	rr	47	95	6	6	-	-	10	10	800	1	*
	1016·8	-22	SW	4	ir$_o$	49	95	7	6	-	-	9+	9+	800	1	2
19	1015·2	-22	S	3	ir	50	95	7	6	-	-	10	10	2500	1	*
20	1012·9	-22	S'E	6	ir$_o$	53	95	7	6	-	-	10	10	800	1	4
	1016·7	-32	SW	6	ir	51	95	6	6	-	-	10	10	1500	1	5

PAST 24 HOURS.

District	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 30° Hrs. (36)
1	49	44	41	-	-	0·0
	48	42	41	-	-	0·0
	47	43	41	-	-	0·0
	47	41	40	Tr	0·3	0·0
	50	45	44	-	-	0·0
	47	43	42	-	-	1·5
	48	43	41	-	-	1·4
2	47	40	39	-	-	0·0
	47	45	40	-	-	0·0
	47	40	38	-	-	1·8
	45	40	39	-	-	0·0
3	46	40	39	-	-	0·0
	45	42	42	Tr	-	*
4	47	42	38	-	-	0·0
5	50	45	*	-	-	*
	47	45	44	Tr	Tr	0·0
	48	48	*	-	Tr	*
	48	48	*	-	Tr	0·0
	45	44	43	-	-	0·6
6	50	46	*	-	-	0·0
7	49	47	46	Tr	-	0·0
	46	42	36	Tr	-	0·0
8	46	41	39	Tr	-	0·0
	47	43	41	Tr	-	0·0
9	45	42	40	-	-	0·0
10	46	43	*	-	-	0·0
	44	42	40	-	-	*
	45	43	41	-	-	0·0
11	49	45	41	-	-	0·0
	46	43	39	-	-	0·0
12	48	45	40	0·1	Tr	0·0
	43	40	40	-	Tr	0·0
13A	49	46	44	-	4	0·0
13B	50	46	*	0·1	0·1	0·3
15	45	42	39	-	Tr	0·0
	46	44	41	-	-	0·0
	48	46	*	-	0·3	*
16	48	46	*	-	Tr	0·1
17	52	50	*	-	8	*
18	49	44	*	-	0·6	1·1
	49	42	39	-	2	0·0
	50	45	*	0·1	1	*
19	49	43	40	-	5	0·2
20	51	48	45	Tr	24	1·3
	51	49	*	Tr	3	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility 9h.
		24 hrs. ended 9h.											
Kew	18	of cm$_o$	cbcc	c3o m$_o$	49	44	41	-	-	0·0	*	*	6
Croydon	217	cm$_o$	cbm$_o$o	cm$_o$3o	48	42	41	-	-	0·0	*	*	5
Greenwich (Royal Observatory)	149	om$_o$m$_o$	c m$_o$8c	c m$_o$	48	43	30	-	-	0·0	67	80	5
City (Bunhill Row)	—				*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park)	27	*	*	*	50	49	36	-	-	0·0	60	73	*
Regents Pk. (Botanic Gardens)†	168	*	*	*	49	44	40	-	-	0·0	63	77	*
Camden Square	110	c	c	*	47	45	34	-	-	*	*	75	*
Kensington	80	co	co	*	48	44	34	-	-	0·0	At 18h. 58	74	*
Hampstead Observatory	450	o	c	o	46	42	38	-	-	0·0		85	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·6	17-22h 30th	<0·3	1-7h 1st

Kew Observatory. Max.	Time.	Min.	Time.
0·5	18h 30th	<0·1	1h 4th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 30th November. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 1st December. 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	1031·5	-	0	3o	43	1030·7	ESE	1	0	37	45	37	-	-
Brussels	1032·6	ENE	2	c	43	1030·2	WSW	2	0	41	46	*	-	*
Berlin	1034·2	NW	2	b	43	1033·9	-	0	bF	30	46	30	Tr	-
Zurich	1032·7	ENE	1	0	30	1033·4	NNE	1	om	30	32	30	-	-
Rome	1027·5	-	0	b	45	1026·9	NE	2	bcm	39	*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

G. C. Simpson, 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 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 2nd December 1934.

No. 26673

OBSERVATIONS at 13h. G.M.T. 1st 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)	°F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	1024.8	-24	S'W	3	c	47	85	6	5	2	-	9	10	4000
	Croydon	1025.3	-18	SSW	4	id.	45	95	5	5	-	-	10	10	2500
	S. Farnborough	1024.8	-22	S	3	0	47	85	6	5	-	-	10	10	1500
	Boscombe Down	1023.9	-22	S	3	c/d.	48	95	5	5	1	-	4.6	9+	800
	Calshot, S'thmtn	1025.1	-16	S'W	4	c	49	85	6	5	-	-	10	10	1500
	Lympne	1026.8	-18	SSW	2	c	45	85	6	5	-	-	10	10	2500
	Manston	1026.0	-20	SE	3	0	45	85	6	5	-	-	10	10	800
2	Shoeburyness	1026.3	-20	SW'S	2	c	47	85	7	5	-	-	9+	9+	2500
	Felixstowe	1025.5	-22	SSW	4	3.	47	75	6	5	-	-	10	10	4000
	Gorleston	1024.6	-16	S	3	c	46	95	6	5	-	-	10	10	2500
	Cranwell	1022.6	-26	S	4	3.	45	85	6	5	7	5	4.6	9+	4000
3	Birmingham	1021.9	-26	SSW	4	c	46	95	6	6	7	-	4.6	9+	1500
	Upper Heyford	1023.7	-26	S	3	3.	45	95	6	5	1	-	7.8	10	800
4	Ross-on-Wye	1021.6	-14	SSW	3	id.	50	85	8	5	-	-	10	10	2500
5	Portland Bill	1024.1	-16	SW	5	c	51	85	7	4	-	-	10	10	1500
	Plymouth	1023.1	-18	S	5	c/r.	51	95	7	6	2	-	9+	10	800
	The Lizard	1021.9	-16	S'W	5	pr	51	95	7	8	2	-	9	10	2500
	Scilly (St. Mary's)	1019.7	-20	S'W	5	rr	52	95	6	6	-	-	10	10	1500
	Guernsey	1026.2	-14	SW'S	4	0	48	85	6	5	-	-	10	10	2500
6	Pembroke	1018.1	-24	S'W	6	rr	50	85	6	9	-	-	10	10	1500
7	Holyhead	1016.5	-28	S	5	r.r.	50	85	7	6	2	-	7.8	10	800
	Chester (Sealand)	1019.5	-28	SE	3	ir.	46	95	6	5	2	-	4.6	10	2500
8	L'pool (Bidston)	1019.0	-24	SSE	3	rr	44	95	6	5	-	-	10	10	1500
	Manchester	1020.6	-26	S	3	r.r.	46	85	5	6	2	-	4.6	10	2500
9	Harrogate	1019.9	-20	S	2	m	45	75	4	5	-	-	9+	9+	<150
10	Spurn Head	1021.9	-12	SW	3	c	46	85	6	5	7	-	4.6	9	1500
	Catterick	1019.1	-22	ESE	2	3.	45	85	5	-	7	-	0	9	-
	Tynemouth	1018.7	-18	S	3	c	46	85	6	4	-	-	7.8	7.8	4000
11	Inchkeith	1014.1	-14	SW	3	ir.	49	85	7	8	2	-	7.8	10	1500
	Leuchars	1013.8	-24	SW	3	ir.	50	75	6	5	2	-	7.8	9+	800
12	Renfrew (Abbotsl.)	1012.7	-22	S	4	rr	50	85	6	6	2	-	7.8	10	800
	Eskdalemuir	1015.8	-22	SSW	5	r.r.	45	95	7	6	-	-	10	10	800
13A	Tiree	1007.5	-20	SSE	5	rr	50	95	6	6	-	-	10	10	800
13B	Stornoway	1005.4	-20	SSW	6	r.r.	50	95	6	6	2	-	7.8	10	1500
15	Dalwhinnie	1011.3	-24	S	3	ir.	47	85	6	8	7	-	4.6	10	800
	Aberdeen	1012.8	-27	SSW	3	r.r.	47	85	6	6	2	-	9	10	800
	Wick	1008.3	-14	SW	6	pr	49	85	7	8	9	-	7.8	9+	1500
16	Lerwick	1007.3	-20	SSW	6	c/r.	47	95	6	5	2	-	4.6	10	800
17	Blacksod Point	1006.9	-24	S	7	Dr	54	95	7	6	-	-	10	10	450
18	Malin Head	1006.7	-24	S	6	u	51	95	7	6	-	-	10	10	800
	Aldergrove	1011.9	-24	S	5	c	50	85	7	6	2	-	7.8	10	1500
	Donaghadee	1013.0	-20	SW	3	ir.	49	95	7	6	-	-	9	9	800
19	Birr Castle	1011.7	-22	S	2	o/r	52	95	7	6	-	-	10	10	2500
20	Valentia Obsy.	1010.4	-18	S	5	dd	54	95	5	5	-	-	10	10	220
	Roches Point	1013.7	-20	SW	4	dd	52	95	6	5	-	-	10	10	800

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1021.5	-20	S'W	3	c	48	85	7	5	-	-	10	10	4000	1	*
1022.2	-18	S'W	3	3.	47	85	6	5	-	-	9+	9+	800	1	*
1021.3	-16	S'W	3	0	47	85	6	5	-	-	10	10	1500	1	*
1020.6	-18	S	4	r.r.	48	95	6	6	-	-	10	10	800	1	*
1022.4	-20	S	5	c	49	95	7	5	-	-	10	10	1500	0	3
1024.2	-14	S'W	4	3.	44	85	5	5	-	-	10	10	1500	1	§ 3
1023.6	-12	SSW	4	c	45	85	7	5	-	-	10	10	4000	0	*
1023.0	-14	SW'S	3	c	45	85	7	5	-	-	9+	9+	2500	1	*
1022.8	-14	SW'S	5	3.	46	85	6	5	-	-	10	10	2500	0	3
1021.6	-16	S	4	0	45	95	6	6	-	-	10	10	2500	0	3
1019.1	-18	S'E	2	3.	45	95	6	5	7	-	7.8	10	1500	1	*
1018.4	-16	SSW	3	r.r.	47	95	6	6	-	-	10	10	800	1	*
1019.9	-20	SSW	4	ir.	47	95	6	5	-	-	10	10	800	1	*
1018.0	-14	S'W	3	ir.	49	85	6	6	-	-	10	10	1500	1	*
1020.4	-20	SSW	5	0	51	95	7	5	-	-	10	10	1500	1	4
1018.8	-22	S	6	rr	52	95	7	6	-	-	10	10	800	1	3
1016.8	-20	S	7	rr	51	95	6	6	-	-	10	10	1500	1	4
1014.6	-20	S'W	6	rr	52	95	6	6	-	-	10	10	1500	1	4
1023.0	-20	SSW	5	pr	48	95	7	5	-	-	10	10	1500	1	4
1012.5	-8	S'W	7	rr	52	95	6	9	-	-	10	10	1500	1	4
1012.7	-18	S	5	id.	51	95	6	6	2	-	4.6	10	800	1	3
1015.7	-20	SSE	4	r.r.	49	85	6	5	2	-	4.6	10	1500	1	*
1015.0		SCW	4	rr	46	95	7	5	-	-	10	10	1500	1	*
1016.2	-24	S'W	4	rr	47	95	5	6	2	-	9	10	1500	1	*
1015.7	-14	SSW	2	r.r.	47	85	5	6	-	-	10	10	2500	1	*
1018.1	-12	SSW	3	c	45	95	6	-	2	-	0	10	-	0	2
1015.2	-14	SSE	2	ir.	46	95	5	6	2	-	4.6	10	1500	1	*
1014.0	-14	S	3	r.r.	46	95	6	7	-	-	10	10	1500	1	1
1010.5	-14	SW	1	c	50	85	8	5	3	-	4.6	9	2500	0	1
1009.6	-24	SSW	2	c	49	85	7	5	-	-	7.8	7.8	1500	1	*
1008.6	-18	S	4	r.r.	51	95	5	6	-	-	10	10	800	1	*
1012.3	-14	SSW	5	r.r.	45	95	6	6	2	-	9+	10	800	1	*
1004.0	-16	SSE	5	[illegible]	51	95	6	6	-	-	10	10	800	1	4
1001.5	-20	SSW	7	r.r.	50	95	5	6	-	-	10	10	800	1	3
1007.6	-18	S	2	c	46	95	6	3	5	-	4.6	10	800	1	
1009.1	-18	SSW	3	c/r.	48	85	6	6	2	-	7.8	10	450	1	1
1005.0	-16	SSW	4	ir.	50	85	8	8	2	-	7.8	9+	1500	1	3
1004.6	-12	SSW	6	c	48	95	6	5	2	-	9	10	800	0	*
1004.1	-18	S	7	iD	52	95	7	6	-	-	10	10	450	1	5
1004.0	-16	S	6	u	54	95	7	9	-	-	9+	9+	800	0	2
1008.4	-20	S	4	ir.	52	95	6	6	-	-	10	10	800	1	*
1009.2	-12	SW	2	ir.	51	95	7	6	-	-	9	9	800	1	1
1008.8	-12	S	2	o/r	54	95	7	6	-	-	10	10	2500	1	*
1007.9	-14	S'E	4	d.d.	53	95	4	5	-	-	10	10	220	1	4
1011.0	-18	SW	3	dS	52	95	3	5	-	-	10	10	<150	1	4

PAST 24 HOURS.

Weather 7h.–13h. 1st (37)	Weather 13h.–18h. 1st (38)	Weather 18h. 1st to 1h. 2nd (39)	Weather 1h.–7h. 2nd (40)
c3.	c3.c	c c r r	c r c c r r
cm3cd.m.	d.d.mm.	cm.cr.r.	cm.r.r.r
coid.o	oid.m.o	oi r m.o	o r r m.o
oid.m.	cir.o r.r.	o r r m.	o r r m.
cm.c	cm.c	c r r	r r R m.
cm.	cm.	d.o r.r.m.	d r S r r
cm.c	cm.c	cd.o r r	o r r c q
c	c	c i r	~~c.~~ c r r
c3.	c3.	c3 r r m.	c r.r.m.
c3.3.	c3.o q	o r.r.	o r r q
c m m.	cm.	c r.r.	c r.r.
c	c i r.	d i r.	o r.r.
c d.c	c r.	r r r.r.	r r r.r.
c m.c	d.c r.	d i r.	o r.r.
c	i r o	o r r 3.	o R 3.
p r.	p r.r r	o r r	o R R m.
i r.r r	o r r m.	o r r m	o R r
o	o	i R r	o r r
c q r r m.	c q r r m.c	c q m.R r	c m.r r
i r.c	r o r.c	d.d.o	d.d.o r c
c i r.m.o	o r.r r.	r.c m.r.	o r.r.o
c i r.r	o r r	~~r r o i r~~	~~r o i r~~
c m.r.o	c m r r	c r.r.o	c r.r.o
o c m	m c o r.	c o r.	c o r.
o c	c o	o p r	o r r i r.
o m c m.	c m.o i r.	o m.i r.	o m.
o c	o r.r.o	o r.r.b c	b c o i d
c 3 i r.	c	b c c	c
c m.i r.	c r.m.c	c	c
d r r r.o	r o r.m r r	c r.o r.m.	c r.o r.m.
d o r.r.o	c r.r.	c r D r r	c r A D
c r r	~~R r~~ R r.R	i R i r	R R r
c r.r.	c r.r.	c r r m.	c r r
i r c	i r c	*	i r c
c 3 r.r.	c 3 r r.	c r o m.	c
c p r.	c i r.	c c r.c	c i r.
c i r.m.	c p r o m.	c b c c r.	c o i r m
i D r	i D	c D	c
c p r.	c	c u	
c i r.r.c	c c i r.	o i r o	o r r.r.
c i r.	c i r.	c i r.c	c o m.
o i r	o i r	o i r	o i r c
r.R d r d d	i r r.d.d.	~~o d~~ d i r.	o i r.c
o r r d d	D d S d S	S S c d d	o r r d d

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. ⁿ 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.

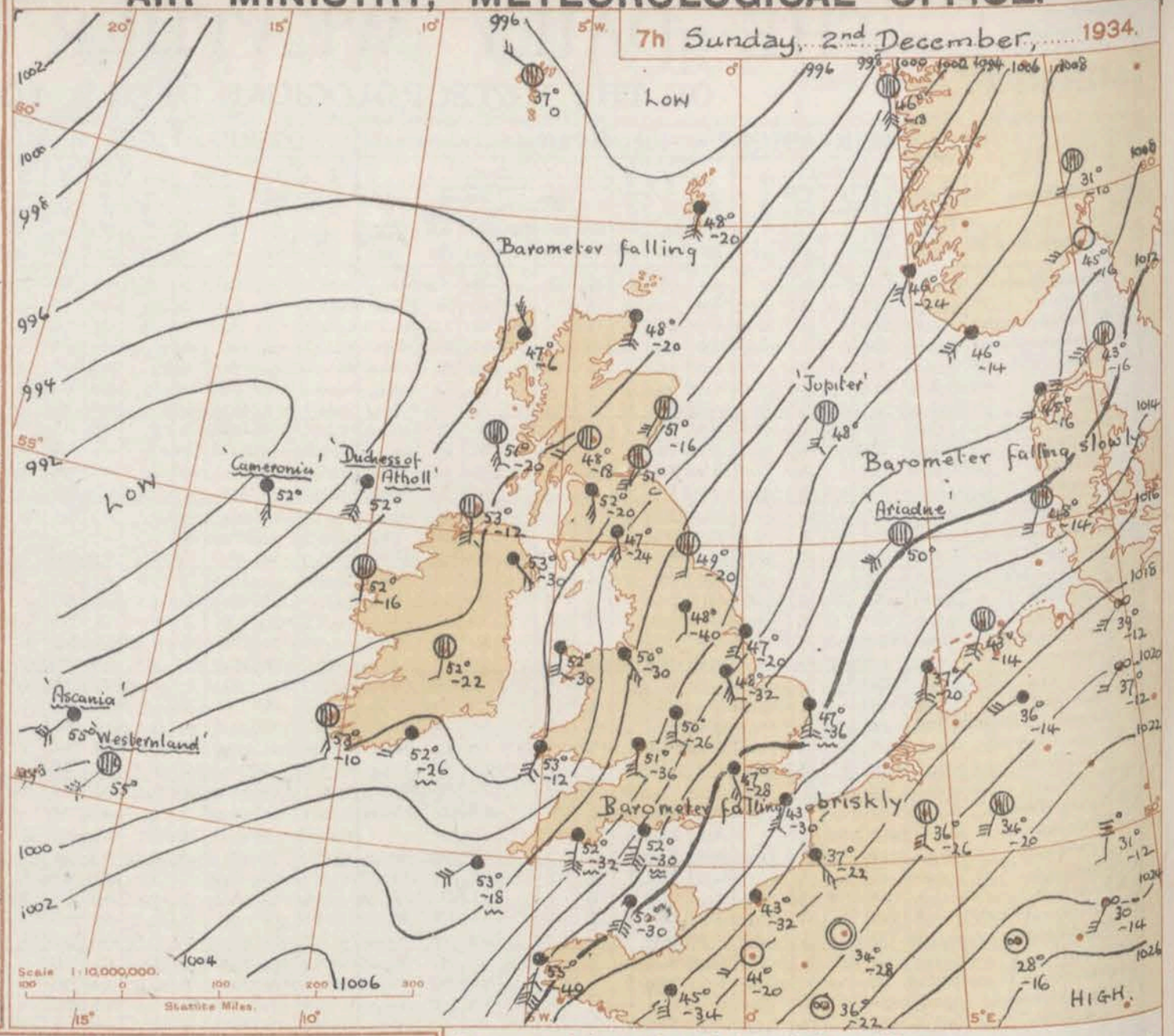
REPORTS from HEALTH RESORTS for 1st December 1934

Division	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 30th to 9h. 1st	Temperature. Max. 9h.—17h. 1st	Rainfall. Night. 17h. 30th to 9h. 1st	Rainfall. Day. 9h.—17h. 1st	Sunshine. Sunrise to Sunset, 1st
1	Tunbridge W.	o	oeo	38	46	–	–	0·0
	Bournemouth	o	o	45	50	–	–	0·0
	Ventnor ...	o	co	44	48	–	–	0·0
	Southsea ...	od.	o	46	49	–	Trace	0·0
	Bognor Regis	o	o	46	49	–	–	0·0
	Littlehampton	oc	c	46	49	–	–	0·0
	Worthing ...	c	c	46	50	–	–	0·0
	Brighton ...	oc	c	46	50	–	–	0·0
	Eastbourne†	o	o	46	49	Trace	–	0·0
	Hastings† ...	o	o	45	48	–	–	0·0
	Folkestone ...	o	o	45	48	–	–	0·0
	Dover... ...	c	co	46	49	–	–	0·0
	Deal	o	o	45	47	–	–	0·0
	Ramsgate ...	c	c	46	48	–	–	0·0
	Margate ...	c	c	44	47	–	–	0·0
2	Southend ...	om	om.	43	46	Trace	–	0·0
	Maldon ...	o	o	39	46	–	–	0·0
	Clacton-on-Sea	cog	og	45	47	–	–	0·0
	Dovercourt ...	oc	oc	44	46	–	–	0·0
	Lowestoft ...	c	c	37	46	–	–	0·0
	Skegness ...	obco	o	44	46	–	–	0·0
	Mablethorpe	om.	com.	42	45	–	–	0·3
	Cleethorpes...	om.	oc	42	46	–	–	0·2
3	Leamington S.	o	o	43	49	–	–	0·0
4	Cheltenham†	cm.co	op.	42	50	–	Trace	0·0
5	Bath	c	r.c	44	52	–	0·3	0·1
	Weymouth ...	c	cr	45	52	Trace	1	0·0
	Jersey ...	o	o	42	46	–	–	0·0
	Torquay ...	oirp	opr.q	46	51	Trace	1	0·0
	Penzance ...	crcrr	crr	46	53	1	12	0·0
	St. Ives ...	r	r	48	53	Trace	8	0·0
	Bude	or.	or.	44	52	–	2	0·0
	Ilfracombe ...	o	or	45	53	–	2	0·0
6	Aberystwyth	orr	rrc	44	51	–	3	0·0
7	Llandudno ...	c	cp.	44	52	–	Trace	0·0
	Colwyn Bay...	coc	cp	43	52	–	0·5	0·0
	Rhyl	c.c	cprc	42	51	–	0·5	0·0
8	Wallasey ...	corr	orr	43	48	–	6	0·0
	Southport‖ ...	or	ror	43	47	–	3	0·1
	Blackpool ...	od.	od.	44	46	–	2	0·0
	Morecambe ...	emido	rror	43	47	–	3	0·0
9	Ilkley	o	o	42	48	–	–	0·0
10	Berwick-on-T.	od.	d.o	42	49	–	0·2	0·0
11	Dunbar ...	cm.	crr	40	49	–	2	0·0
12	Troon... ...	c.crc	rorro	45	51	0·3	2	0·0
	Douglas ...	om.id	om.ic	46	50	Trace	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.

7h Sunday, 2nd December, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 2nd Dec., 1934
1 S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Wind south, fresh or strong, veering to southwest during the evening; continuous rain today, intermittent tonight and tomorrow; mild.
5. S.W. England 6. South Wales 7. North Wales	Light southwest winds, freshening later; dull, with intermittent rain; mild.
8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. A. W Scotld. B. N W Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands. 17. N.W Ireland 18. N.E. Ireland	Winds light, southerly at first, veering to southwest tonight or tomorrow; dull, with intermittent rain; mild.
19. S.E. Ireland 20. S.W. Ireland	Light southwest winds, freshening later; dull, with intermittent rain; 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 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◕ Sky 5/10 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet ▲ Hail ≡ Fog. ≡ Mist. T Thunder. ⱿT 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 is situated to the West of Ireland and a trough of low pressure associated with it is crossing the British Isles. There will be southerly winds and dull, mild weather with much rain.

BEVO

FURTHER OUTLOOK.

Unsettled.

Times of issue of Gale Warnings

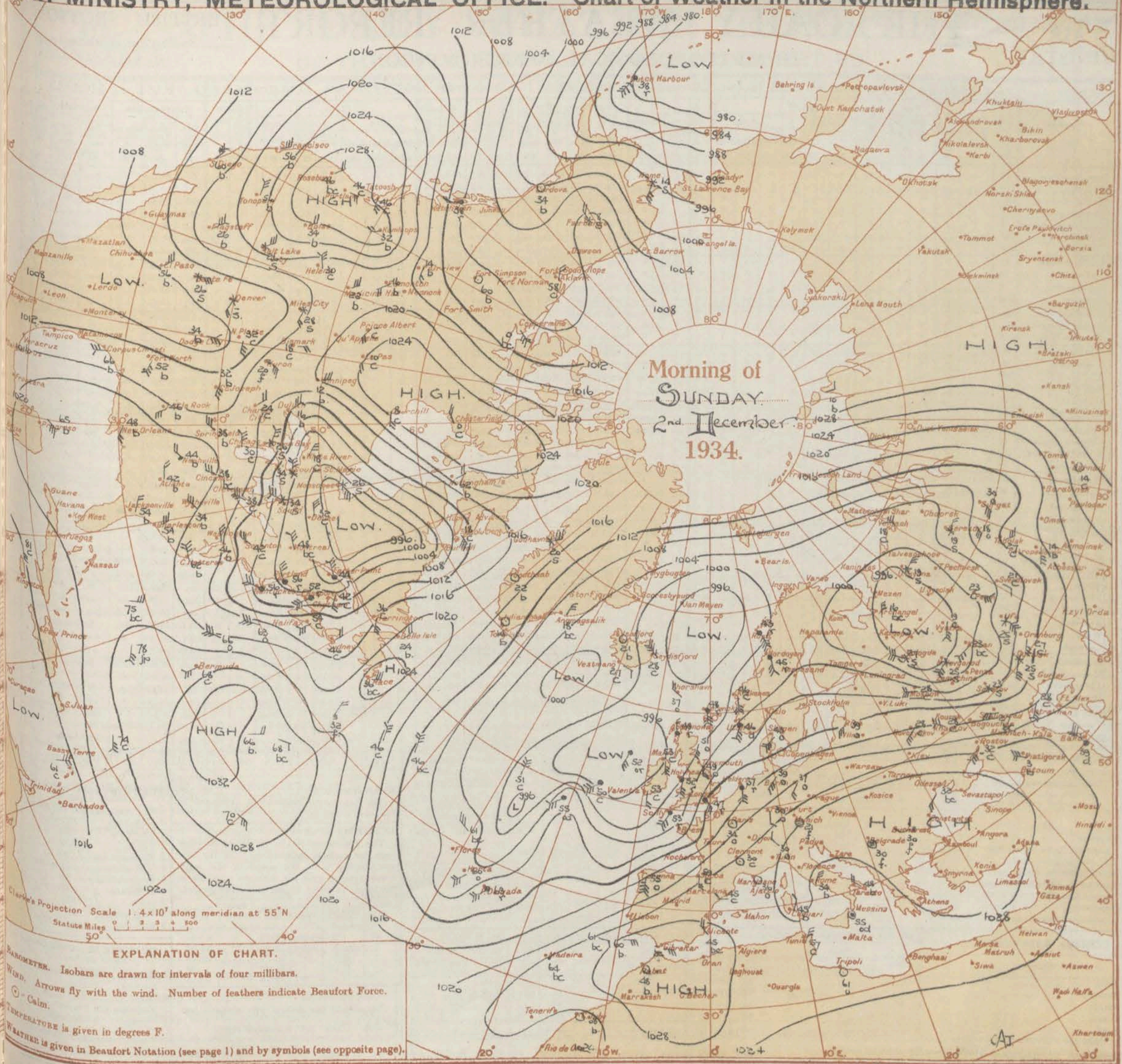
South Cone at 0840 on 30th Nov. in 13A, 13B, 16 & 17
South Cone at 0200 On 1st Dec. in 15.
South Cone at 0845 on 1st Dec. in 20.

Forecasts issued at 1200 G.M.T.

G. C. SIMPSON, 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

Sunday 2nd December 1934.

No. 26673

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

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	1017.8	-2.0	SW/W	4	c.c.	47	95	6	6	-	-	10	10	800
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1019.5	-1.8	SSW	4	c.c.	45	95	5	6	-	-	10	10	450
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1017.4	-2.0	S	4	c.c.	46	95	6	6	-	-	10	10	1500
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1014.1	-2.6	SSW	6	⊂	50	95	6	6	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1011.1	-2.0	S'W	7	⊂	52	95	6	6	-	-	10	10	1500
	Scilly (St. Mary's)	163	1009.1	-2.6	SSW	6	⊂	53	95	6	6	-	-	10	10	1500
	Guernsey ...	175	1017.8	-2.0	SSW	6	⊂	49	95	6	6	-	-	10	10	1500
6	Pembroke ...	142	1007.3	-2.0	SW	5	RR	53	95	6	6	-	-	10	10	800
7	Holyhead ...	26	1006.7	-3.0	S'E	4	d.d.	51	95	6	5	-	-	10	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1013.3	-1.2	SW	4	o	47	95	7	5	-	-	10	10	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1008.6	-2.4	SW	2	bc	48	95	6	5	-	-	4-6	4-6	800
11	Inchkeith ...	190	1005.8	-1.6	S	2	c	52	85	8	5	7	-	2-3	7-8	4000
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	998.3	-1.4	SSW	5	c.c.	52	95	5	8	2	-	4-6	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1000.6	-1.8	SSW	4	c	50	85	8	8	2	-	7-8	9+	1500
16	Lerwick ...	156	1000.4	-1.6	SSW	5	c.c.	48	95	7	6	2	-	4-6	9+	1500
17	Blacksod Point	18	1000.7	-2.0	S	5	cD	53	95	7	6	-	-	10	10	450
18	Malin Head ...	52	1000.5	-1.6	S	5	c	54	95	7	9	-	-	9+	9+	800
	Aldergrove ...	268	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1002.4	-2.6	S	5	d.c.	53	95	4	6	-	-	10	10	800
	Roches Point...	28	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1010.5	-2.6	SSW	3	rr	47	95	7	6	2	-	7-8	10	1500	1	*
1012.0	-2.8	SSE	4	c.c.	47	95	6	6	-	-	10	10	800	1	*
1009.7	-2.2	S	4	rr	47	95	6	6	-	-	10	10	450	1	*
1008.2	-3.6	S	4	rr	49	95	6	6	-	-	10	10	450	1	*
1010.6	-3.0	S'E	5	RR	49	95	6	6	2	-	4-6	10	1500	1	3
1013.6	-3.0	S'W	4	rr	43	95	5	6	-	-	10	10	800	1	§ 3
1012.7	-2.6	SW	5	ic.	45	95	7	6	-	-	10	10	800	1	*
1011.5	-2.4	SSW	5	rr	46	95	7	6	2	-	7-8	10	450	1	*
1011.6	-3.8	SSW	6	c.c.	46	95	6	6	2	-	9	10	800	1	3
1011.3	-3.6	S	5	c.c.	47	95	6	6	-	-	10	10	800	1	4
1007.3	-3.2	S'E	4	c.c.	48	95	6	6	2	-	9	10	800	1	*
1006.0	-2.6	S	4	c.c.	50	95	8	6	-	-	10	10	1500	1	*
1008.1	-3.0	S	4	rr	47	95	6	6	2	-	9	10	800	1	*
1005.4	-3.6	S	4	c.c.	51	95	7	6	-	-	10	10	2500	1	*
1007.2	-3.0	SSW	7	RR	52	95	6	6	-	-	10	10	800	2	5
1004.8	-3.2	SSW	7	RR	52	95	6	6	-	-	10	10	800	1	4
1004.8	-2.2	S'W	7	RR	53	95	6	6	-	-	10	10	1500	1	4
1002.4	-1.8	SW	5	rr	53	95	5	6	-	-	10	10	1500	1	4
1010.9	-3.0	SSW	6	rr	50	95	6	6	-	-	10	10	1500	2	3
999.8	-1.2	SSW	5	rr	53	95	6	6	-	-	10	10	800	1	3
1000.5	-3.0	S	4	rr	52	95	6	5	-	-	10	10	800	12	3
1003.3	-3.0	SE'S	3	c.c.	50	95	6	5	2	-	4-6	10	1500	1	*
1003.0	-3.0	S	4	rr	50	95	6	5	2	-	10	10	1500	1	*
1003.9	-3.4	SSW	4	c.c.	50	95	6	6	2	-	7-8	10	800	1	*
1004.3	-4.0	S	1	c.c.	48	95	5	6	-	-	10	10	2500	1	*
1006.1	-2.0	SSW	4	ic.	47	95	6	6	-	-	10	10	1500	1	3
1003.4	-3.0	S'E	3	ic.	49	95	6	6	2	-	7-8	10	1500	1	*
1004.4	-2.0	S	2	o/d	49	95	7	6	-	-	10	10	1500	1	1
1001.8	-2.4	SW	2	c	51	95	8	5	1	-	4-6	7-8	2500	0	1
1000.5	-2.0	SSW	3	c	51	85	7	5	2	-	7-8	9+	1500	1	*
999.8	-2.0	S'E	3	ic.	52	95	5	5	2	-	7-8	10	1500	1	*
1001.9	-2.4	SSE	3	DD	47	95	5	5	-	-	10	10	450	1	*
996.7	-2.0	S'E	4	c/r	51	95	7	6	2	-	7-8	10	1500	1	3
996.1	-6	NNW	3	c.c.	47	95	6	8	2	-	4-6	10	1500	1	1
998.9	-1.8	SW	2	c	48	95	6	6	4	-	7-8	10	800	1	*
999.6	-1.6	SSW	3	c	51	95	7	5	-	-	9+	9+	800	1	1
996.3	-1.4	SSW	4	ic.	50	95	8	9	2	-	7-8	10	1500	1	3
997.0	-2.0	S	5	ic	48	95	5	6	-	-	10	10	450	1	*
997.4	-1.6	S	1	c	52	95	7	5	-	-	10	10	800	1	3
996.3	-1.2	S	4	c	53	95	7	9	-	-	9+	9+	800	0	1
999.0	-3.0	SE'S	2	c.c.	53	95	6	6	-	-	10	10	800	1	*
999.3	-2.0	SW	1	c	51	95	6	5	-	-	10	10	800	1	1
999.0	-2.2	S	1	c	52	95	7	8	-	-	9	9	2500	1	*
999.3	-1.0	SSE	2	c	53	95	5	5	-	-	9+	9+	450	1	3
1000.5	-2.6	SW	2	dd	52	95	6	5	-	-	10	10	800	1	4

PAST 24 HOURS.

Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine Yesterday Hrs. (36)
48	47	45	-	7	0.0
47	47	45	Tr	5	0.0
48	46	45	Tr	6	0.0
49	46	47	0.1	12	0.0
49	49	46	Tr	13	0.0
45	42	41	-	3	0.0
47	44	43	-	5	0.0
47	45	44	-	4	0.0
47	45	44	-	4	0.0
46	44	43	-	1	0.0
47	45	43	-	4	0.3
48	46	45	Tr	5	0.0
47	46	?	Tr	11	*
50	49	47	0.2	5	0.0
53	49	*	Tr	13	*
52	52	50	3	21	0.0
52	51	*	7	22	*
52	51	*	11	22	0.0
48	48	47	Tr	16	0.0
52	49	*	9	12	0.0
51	50	50	3	11	0.0
49	49	45	2	5	0.0
48	47	46	7	5	0.0
48	47	45	7	16	0.0
47	47	45	Tr	2	0.0
47	45	*	-	3	0.2
46	45	43	0.3	0.2	0.0
46	46	42	0.5	1	*
50	49	41	-	-	0.0
51	48	46	0.1	-	0.0
51	51	49	3	2	0.0
45	44	44	1	11	0.0
51	51	50	9	57	0.0
50	47	*	1	5	0.0
47	45	44	0.1	0.5	0.0
48	47	46	3	0.6	0.0
51	48	*	0.4	2	*
49	47	*	0.2	2	0.0
54	50	*	7	1	*
54	52	*	0.1	-	0.0
52	52	50	3	1	0.0
52	49	*	4	1	*
55	51	48	4	2	0.0
54	52	50	8	4	0.0
53	50	*	12	15	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather Morning.	Weather Afternoon.	Weather Night.	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset, hrs.	Humidity 15h G.M.T. %	Humidity 9h G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	c$_3$	c$_3$c	crrcrr	48	47	45	-	7	0.0	*	*	6
Croydon	217	cm$_2$c$_2$d$_2$m$_2$	d$_2$d$_2$mm$_2$	cm$_2$c$_2$c$_2$r	47	47	45	Tr	5	0.0	*	*	6
Greenwich (Royal Observatory) ...	149	cm$_2$	cm$_2$c	crrddrr	47	46	44	-	9	0.0	91	95	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	49	49	44	9		0.0	92	91	*
Regents Pk. (Botanic Gardens) ‡...	168	*	*	*	48	46	46	-	10	0.0	92	92	*
Camden Square	110	c	c	*	48	47	45	-	10	*	*	95	*
Kensington	80	o	oe	*	48	46	43	Tr	10	0.0	At 18h. 92		*
Hampstead Observatory	450	o	od	or	47	44	41	0.1	11	0.0	83 *	98	*

Atmospheric Pollution
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.6	15-19h 1st	0.3	6h 2nd

Kew Observatory. Max.	Time.	Min.	Time.
0.3	15-17h 1st	<0.1	0-7h 2nd

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 1st December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 2nd December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1027.7	SSW	2	⊃	36	1019.9	-	0	o	34
Brussels	1026.3	SSW	4	o	36	1018.7	S	4	c/r	36
Berlin	1027.9	SE	1	⊃	36	1020.1	SW	2	⊃	37
Zürich	1031.0	WNW	1	m	32	1027.4	NW	1	F	30
Rome	1026.2	NE	1	⊃	48	1027.0	NE	3	b	34

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall Day. mm.	Rainfall Night. mm.
39	34	-	-
41	34	-	Tr
	30	-	-
34	28	-	-
*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

G. C. Simpson, C.B., D.Sc., F.R.S., Director.

† Inc. observations are from Valentia W/T station

‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h

§ Sea disturbance reported from Dungeness

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 3rd December 1934.

No. 26674

OBSERVATIONS at 13h. G.M.T. 2nd 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)	1003·3	-36	SSW	4	rr	50	95	6	6	–	–	10	10	800
	Croydon	1004·7	-38	S	4	r$_o$r$_o$	50	95	6	6	–	–	10	10	800
	S. Farnborough	1003·3	-34	S'W	4	rr	50	95	6	6	–	–	10	10	450
	Boscombe Down	1002·0	-30	S'W	4	rr	52	95	6	6	–	–	10	10	450
	Calshot, S'thmtn	1004·3	-34	SSW	5	RR	52	95	6	6	2	–	7-8	10	800
	Lympne	1007·1	-42	SSW	5	rr	47	95	4	6	–	–	10	10	450
	Manston	1006·2	-42	SW	5	r$_o$r$_o$	46	95	6	6	–	–	10	10	800
2	Shoeburyness	1004·7	-34	S'W	4	rr	49	95	7	6	2	–	7-8	10	800
	Felixstowe	1005·1	-44	SSW	6	r$_o$r$_o$	46	95	6	6	2	–	9	10	800
	Gorleston	1004·6	-40	S	6	r$_o$r$_o$	45	95	6	6	–	–	10	10	800
	Cranwell	1001·0	-38	S'E	4	rr	48	95	6	6	–	–	10	10	450
3	Birmingham	999·9	-36	SSW	3	ir$_o$	51	95	7	6	–	–	10	10	800
	Upper Heyford	1000·7	-42	S	4	rr	50	95	6	6	2	–	9	10	800
4	Ross-on-Wye	999·6	-26	SW	4	id$_o$	53	95	7	6	1	–	9	10	2500
5	Portland Bill	1002·6	-18	WSW	7	c/r	54	95	7	5	–	–	10	10	1500
	Plymouth	1004·2	+10	WSW	6	c/d	54	95	7	5	1	–	9+	10	450
	The Lizard	1005·8	+16	WSW	5	d f	52	95	3	5	–	–	10	10	800
	Scilly (St. Mary's)	1005·0	+16	W'S	5	f	53	95	3	5	–	–	10	10	<150
	Guernsey	1007·3	-8	W	6	d$_o$d$_o$	55	95	5	5	–	–	10	10	1500
6	Pembroke	999·1	-4	W	5	r F	53	95	1	5	–	–	10	10	<150
7	Holyhead	997·3	-10	SW'W	3	d$_o$d$_o$f	53	95	3	5	–	–	10	10	<150
	Chester (Sealand)	998·3	-28	SE	2	3$_o$	52	95	6	5	–	–	10	10	1500
8	L'pool (Bidston)	997·7	-22	S'W	3	o/r	51	95	6	5	–	–	10	10	1500
	Manchester	998·5	-26	SSW	3	r$_o$r$_o$	52	95	6	6	2	–	9	10	800
9	Harrogate	999·6	-26	S	1	r f	50	95	2	5	–	–	10	10	<150
10	Spurn Head	1000·5	-18	SW'S	4	RR	47	95	6	6	–	–	10	10	1500
	Catterick	998·3	-32	SE'S	2	rr	49	95	4	–	2	–	10	10	800
	Tynemouth	998·6	-24	S	2	r$_o$r$_o$f	49	95	3	6	–	–	10	10	1500
11	Inchkeith	998·1	-16	SSW	1	id$_o$	51	95	6	5	2	–	2-3	10	800
12	Louchars	997·5	-18	S	2	c	51	85	7	5	2	–	4-6	10	1500
	Renfrew (Abbotsl.)	997·2	-18	NEN	2	m/f	50	95	4	5	–	–	10	10	1500
	Eskdalemuir	997·4	-22	S	2	d d	48	95	5	5	–	–	10	10	<150
13a	Tiree	995·7	-6	S'W	3	d$_o$d$_o$	52	95	4	5	–	–	10	10	450
13b	Stornoway	997·2	+2	NNE	4	c/r	44	95	7	5	2	–	7-8	10	1500
15	Dalwhinnie	996·9	-14	W	2	c	50	95	7	4	5	–	4-6	10	1500
	Aberdeen	997·4	-16	S'E	3	3$_o$	50	95	6	5	2	–	9+	10	450
	Wick	995·2	-4	SW	2	c	52	95	8	6	2	–	7-8	10	1500
16	Lerwick	994·8	-2	NW	3	rr	49	95	6	6	–	–	10	10	450
17	Blacksod Point	997·4	-2	S	3	c	53	95	7	5	–	–	10	10	800
18	Malin Head	995·6	-2	S	1	rr	52	95	6	6	–	–	10	10	800
	Aldergrove	997·5	-6	SW	3	o/f	52	95	6	6	–	–	10	10	450
	Donaghadee	996·9	-10	WNW	1	id$_o$	53	95	6	5	–	–	10	10	800
19	Birr Castle	999·4	0	S	2	o/r	55	95	7	6	–	–	10	10	2500
20	Valentia Obsy.	1000·4	+2	SW'S	5	ir$_o$	54	95	6	6	–	–	10	10	450
	Roches Point	1002·0	+10	SW	3	rr	55	95	6	6	–	–	10	10	1500

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

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)
1003·0	+12	W'S	3	c	55	95	7	5	–	–	10	10	2500	1	*
1003·2	+16	SW'S	5	3$_o$	56	95	6	6	–	–	9+	9+	1500	1	*
1003·4	+14	W'S	6	c	55	85	7	6	–	–	10	10	800	1	*
1003·9	+20	WSW	5	c	54	85	8	5	–	–	7-8	7-8	800	1	*
1004·7	+22	SW	5	c	53	95	7	5	7	–	7-8	10	1500	1	3
1004·1	-4	SW'W	4	3$_o$	53	95	5	6	–	–	10	10	220	1	§ 4
1002·3	-10	SW	4	c/r	54	95	7	5	–	–	7-8	7-8	800	1	*
1002·0	0	WSW	3	c	55	95	7	5	–	–	7-8	7-8	1500	1	*
1001·0	-2	SW	3	3$_o$	50	95	6	6	–	–	10	10	800	1	2
999·8	-14	SSW	4	r$_o$r$_o$	50	95	6	6	–	–	10	10	800	1	4
998·7	+2	WSW	3	3$_o$	52	95	6	6	–	–	10	10	800	1	*
1000·5	+10	WSW	4	bc	54	85	8	6	–	–	4-6	4-6	1500	1	*
1001·8	+20	WSW	4	c	53	95	8	5	2	–	7-8	9+	800	1	*
1002·2	+14	SW	3	bc	54	85	8	5	–	–	2-3	2-3	2500	1	*
1005·4	+14	W'S	7	o	54	95	7	5	–	–	10	10	1500	2	§
1006·7	+16	SW'W	6	d$_o$d$_o$	53	95	5	5	–	–	10	10	220	1	3
1007·9	+14	WSW	5	d f	53	95	3	5	–	–	10	10	800	1	4
1007·1	+16	WSW	5	if	53	95	5	5	–	–	10	10	1500	1	4
1009·5	+26	W	5	r$_o$r$_o$	54	95	5	6	–	–	10	10	1500	2	4
1001·9	+8	W'S	6	rm	53	95	4	5	–	–	10	10	800	1	4
999·7	+18	SW	3	c/d	53	95	6	5	7	–	7-8	10	800	1	2
1000·0	+20	W	3	3$_o$	54	95	6	5	–	–	9	9	1500	1	*
999·3	+30	NW'W	5	o/r	51	95	6	5	–	–	10	10	1500	2	*
999·0	+14	WNW	5	id$_o$	51	95	5	5	–	–	10	10	800	2	*
997·7	0	–	0	o/r	50	95	5	5	–	–	10	10	2500	1	*
997·3	-6	–	0	0	49	95	6	5	–	–	10	10	1500	1	1
997·0	+4	S'W	1	r f	49	95	3	–	2	–	10	10	800	1	*
997·1	-6	–	0	0	50	95	5	6	–	–	10	10	1500	1	0
996·9	-8	–	0	d$_o$d$_o$	49	95	86	6	–	–	10	10	800	1	0
996·4	0	–	0	c	48	95	6	5	2	–	4-6	9	2500	1	*
997·0	+4	SSW	1	o f	50	95	3	5	–	–	10	10	800	1	*
997·2	+8	SW'W	2	d f	49	95	80	5	–	–	10	10	<150	1	*
995·7	+6	–	0	c f	48	95	3	5	1	–	7-8	10	<150	1	2
998·7	+6	NNE	4	c	42	95	7	5	2	–	4-6	10	1500	1	2
996·4	+2	–	0	rr	47	95	6	6	–	–	7-8	10	1500	1	*
996·2	-2	WNW	1	3$_o$	48	95	6	–	–	–	0	0	–	1	1
996·8	+6	N	3	r$_o$r$_o$	46	95	7	6	2	–	7-8	10	1500	1	2
996·8	+12	NNE	4	c	43	95	8	8	2	–	7-8	9+	800	1	*
997·9	+8	SW	2	dm	51	95	4	6	–	–	10	10	<150	1	3
996·4	+8	SW'W	2	d$_o$d$_o$	51	95	6	6	–	–	10	10	800	2	1
998·3	+8	SSW	3	c/r	51	95	6	6	–	–	9	9	450	1	*
997·9	+10	WNW	1	ir$_o$	53	95	6	6	–	–	10	10	800	1	0
1000·7	+10	S	2	c	52	95	7	6	–	–	9	9	2500	1	*
1001·3	+6	SSW	4	c/d	53	95	7	6	–	–	9+	9+	800	1	3
1003·5	+16	WSW	53	o	52	95	7	5	–	–	10	10	800	1	4

PAST 24 HOURS.

Weather. 7h.–13h. 2nd (37)	13h.–18h. 2nd (38)	18h. 2nd to 1h. 3rd (39)	1h.–7h. 3rd (40)
crrr m$_o$	crrr m$_o$c	cd$_o$c	c
r$_o$r$_o$rr$_o$r$_o$	crrr d m$_o$	cm$_o$cq	cqbcc
orrr$_o$r$_o$	o Rid$_o$c	c	c I.
orrr m$_o$	om bcc	cbccir$_o$	cir$_o$
crr RR	c Rrcm$_o$	ccd$_o$	ccd$_o$d$_o$
rrr$_o$f om	rrr$_o$f dom$_o$	id$_o$om$_o$	id$_o$cm$_o$
corrr$_o$r$_o$	crrr$_o$r$_o$	cr	cpr$_o$c
crrr	crrr	c	c
crrr m$_o$	crrr cm$_o$	cm$_o$	cmprbq$_o$
or$_o$r$_o$	or$_o$r$_o$	orbcq	bcq
corrr	o rrr$_o$	cm$_o$	cm$_o$d$_o$
or$_o$r$_o$	oid$_o$	cpr$_o$	c
rr	rrr$_o$c	cbccpr	ccd$_o$
or d$_o$	c bc	bcpd$_o$bc	c
o Rc	o	ocr$_o$	o
o Rm$_o$c	od$_o$dm$_o$	od$_o$drm$_o$	od$_o$m$_o$
rrif d	if d	if cid$_o$	od$_o$if
rd f f e	oif e	oid$_o$m	id$_o$im
orr d$_o$	od$_o$rr	oid$_o$	o
cFFr$_o$r$_o$c	cqFr$_o$	cqifd$_o$c	cqifid$_o$c
rrdd f f	d d f f	com$_o$c	cm$_o$
r$_o$Rr$_o$o	oir$_o$cm$_o$	cir$_o$m$_o$	mc
orrr	orir$_o$	roidc	cbbc
cr r m$_o$	or d f	odrm$_o$	cr$_o$cm$_o$
o f f rr	f rro	oc	oc
orr	oir	pro	oc
om rr	omrr f rr	o f rbc	bbcc
orrr f f	orrr f f o	ocr$_o$obc	bcc
cid$_o$	cid$_o$	cd f d f	3$_o$oir
c	cm$_o$e w	cm$_o$ew d$_o$	od d rm$_o$
cr$_o$d d f	or f f d$_o$d$_o$	of rrcm	rr$_o$Rrc
Drrd	d d i d f	d$_o$f c c f	cird$_o$
r Rm o	f f d$_o$d$_o$	if d d m	id$_o$c
cr$_o$r$_o$c	crrc	cir$_o$	cr$_o$
c	irc	o	rrc
cc3$_o$	cr$_o$bm$_o$	borr$_{oo}$	om$_o$
cir$_o$c	cr$_o$r	orrm$_o$	cir
oirrrm$_o$	o rrc	cprr$_o$rr	orrir
id	iD	cD	c
crr	crrdd	oid$_o$3	odd$_o$
or$_o$d d f f	corr r m$_o$	cr$_o$	c
id$_o$m$_o$	oir$_o$	cm$_o$	cm$_o$
cor$_o$	oir$_o$c	c	coir
cirir$_o$	ir$_o$id$_o$c	coir$_o$	oir$_o$
d d corr	oir$_o$	oc	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.

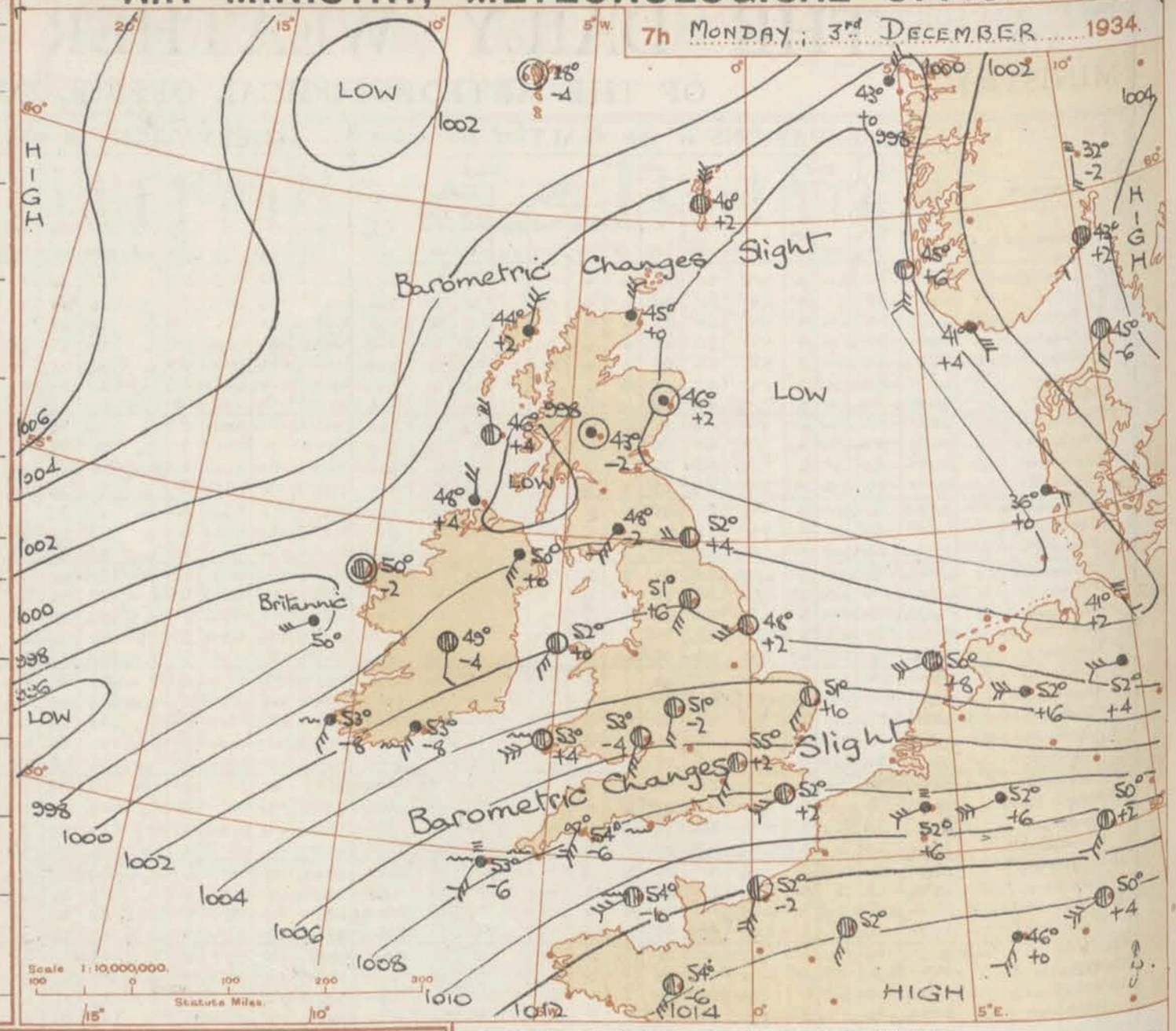
REPORTS from HEALTH RESORTS for 2nd December 1934

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 1st to 9h. 2nd	Temperature. Max. 9h.—17h. 2nd	Rainfall. Night. 17h. 1st to 9h. 2nd	Rainfall. Day. 9h.—17h. 2nd	Sunshine. Sunrise to Sunset. 2nd
1	Tunbridge W.	ov	ovo	43	53	5	8	0·0
	Bournemouth	v	vo	48	55	18	6	0·0
	Ventnor ...	ov	ovow	45	54	20	10	0·0
	Southsea ...	ovv	ovoc	46	55	14	10	0·0
	Bognor Regis	vv	vvo	47	54	21	13	0·0
	Littlehampton	ov	ovc	47	54	20	11	0·0
	Worthing ...	vv	vo	47	53	18	12	0·0
	Brighton ...	v	vo	47	54	14	10	0·0
	Eastbourne†	vvov	vvo	46	54	17	11	0·0
	Hastings† ...	ovv	ovo	45	54	10	11	0·0
	Folkestone ...	ovm	ovo	44	53	7	11	0·0
	Dover... ...	ovv	voiv	45	54	6	11	0·0
	Deal	dv	v	44	53	1	7	0·0
	Ramsgate ...	vdo	vdo	45	53	6	5	0·0
	Margate ...	cv	cvd	44	53	7	4	0·0
2	Southend ...	ovv	ovc	45	52	8	5	0·0
	Maldon ...	ovv	ovo	45	52	8	2	0·0
	Clacton-on-Sea	ovv	ovc	45	48	5	6	0·0
	Dovercourt ...	voc	voc	44	49	7	4	0·0
	Lowestoft ...	oiv	oiv	44	49	5	10	0·0
	Skegness ...	ov	ovo	43	48	5	5	0·0
	Mablethorpe	ov	ov	43	49	4	3	0·0
	Cleethorpes ...	ov	ovv	42	51	2	5	0·0
3	Leamington S.	ov	ovo	48	54	13	7	0·0
4	Cheltenham†	oiv	oivo	44	54	8	4	0·0
5	Bath	vvc	voc	47	56	13	4	0·0
	Weymouth ...	vv	c	50	56	21	8	0·0
	Jersey ...	v	vcd	43	55	14	4	0·0
	Torquay ...	voRq	coidm	53	57	18	4	0·0
	Penzance ...	vvov	vvom	52	55	43	1	0·0
	St. Ives ...	d	d	51	55	46	0·3	0·0
	Bude	v	v	48	55	10	4	0·0
	Ilfracombe ...	o	ov	50	55	26	6	0·0
6	Aberystwyth	Rv	Fjpv	46	53	11	6	0·0
7	Llandudno ...	voco	divo	50	55	4	2	0·0
	Colwyn Bay...	o	op	49	55	7	1	0·0
	Rhyl	vvc	ovpvc	47	54	7	5	0·0
8	Wallasey ...	vv	vvp	44	52	13	5	0·0
	Southport‖ ...	v	voc	47	52	5	6	0·0
	Blackpool ...	ov	ov	44	51	5	9	0·0
	Morecambe ...	vmov	vmov	43	52	5	9	0·0
9	Ilkley... ...	ovo	ov	43	52	7	9	0·0
10	Berwick-on-T.	ov	od	44	50	1	1	0·0
11	Dunbar ...	cv	cvof	47	52	0·3	1	0·0
12	Troon... ...	ovod	ddofe	46	52	6	1	0·0
	Douglas ...	ovR	ocirc	48	53	15	7	0·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h MONDAY, 3rd DECEMBER 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T 3rd December, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate or fresh southwest wind; cloudy or dull, local drizzle, probably more general rain at times later; very mild.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Moderate or fresh southwest wind; dull, rain at times; very mild.
10. N.E. England	As 1 - 4.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light or moderate southwest to variable wind; dull, some rain; very mild, becoming somewhat colder.
13. A. W. Scotld. B. N.W. Scotland. 14. Mid Scotland 15. N.E. Scotland 16. Orkneys and Shetlands. 17. N.W. Ireland	Moderate northerly wind; dull, some rain; average temperature.
18. N.E. Ireland	As 11 - 12.
19. S.E. Ireland 20. S.W. Ireland	As 5 - 9.

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

GENERAL INFERENCE.

A belt of low pressure extends from north of the Azores across Northwest Ireland and Scotland to the North Sea. Weather will be mainly dull with rain or drizzle at times.

FURTHER OUTLOOK.

Rain in most districts.

Forecasts issued at 1000 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

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

Morning of
Monday
3rd. December
1934.

Clarke's Projection Scale 1·4 × 10⁷ along meridian at 55°N
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 3rd December 1934.

No. 26674

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1006.8	+1.4	SxW	5	c	55	85	7	7	-	-	9+	9+	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1007.4	+1.0	WSW	4	o	53	95	6	5	-	-	10	10	800
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1002.8	+2.0	WSW	4	bc	53	95	7	8	-	-	2-3	2-3	2500
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1008.1	+1.8	W	6	o	53	95	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1009.6	+2	SW	5	o	53	95	6	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	1008.5	+6	WSW	5	o/d	53	95	5	5	-	-	10	10	1500
	Guernsey ...	175	1011.5	+4	WSW	4	o	53	95	7	5	-	-	10	10	2500
6	Pembroke ...	142	1003.9	+4	W	5	cd	53	95	6	5	-	-	10	10	1500
7	Holyhead ...	26	1002.3	+1.0	SW	3	c	52	95	6	5	-	-	10	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1000.8	+0.8	W'N	1	c	50	95	6	-	2	-	0	10	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	999.6	+0.8	W	2	bc	51	95	7	2	-	-	4-6	4-6	2500
11	Inchkeith ...	190	998.6	-0.6	SW	2	3o	50	95	6	5	-	-	10	10	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	999.6	0	NNE	1	r5o	43	95	6	6	2	-	10	10	800
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	998.7	+2	NNE	4	rr	45	95	6	6	-	-	10	10	1500
16	Lerwick ...	156	999.9	+4	NE	6	rr	41	95	7	6	-	-	10	10	800
17	Blacksod Point	18	999.4	+4	SW	2	c	51	95	7	5	-	-	10	10	800
18	Malin Head ...	52	997.9	+4	SW	2	d d	50	95	6	6	-	-	10	10	220
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1002.1	+6	SSW	3	dr	52	95	1	9	-	-	10	10	800
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1007.1	0	SW	4	c	54	85	7	8	2	-	7-8	10	1500	1	*
1007.5	+2	SW'S	4	c	55	85	8	5	-	-	9+	9+	1500	1	*
1007.2	0	SW	4	ir	53	95	7	6	1	-	7-8	10	1500	1	*
1007.0	-2	SW'W	4	o/r	53	95	8	5	-	-	10	10	800	1	*
1008.2	-6	SW'W	4	id	53	95	7	5	-	-	10	10	1500	1	3
1008.4	+2	WSW	4	c	52	95	6	5	-	-	10	10	800	1	§3
1007.5	+2	SW	3	c	53	95	7	5	-	-	7-8	7-8	1500	1	*
1007.1	+2	SW	1	c	51	95	7	5	-	-	9+	9+	2500	1	*
1005.9	0	SW'W	4	3o	51	95	6	5	-	8	4-6	7-8	2500	1	2
1004.6	+10	SW'W	3	bc	51	95	7	4	-	6	2-3	4-6	2500	1	2
1003.7	0	SW'W	3	c/d	50	95	6	6	7	-	7-8	9	800	1	*
1004.8	-2	SSW	2	c	51	95	9	5	1	-	7-8	9+	1500	1	*
1005.8	-4	SW	4	id	52	95	7	5	2	-	7-8	10	800	1	*
1005.1	-4	SW'W	3	c	53	95	7	6	-	1	9	9+	2500	1	*
1008.0	+6	WSW	5	o	54	95	7	5	-	-	10	10	1500	1	4
1007.7	-6	SWW	5	3o	54	95	6	5	-	-	10	10	450	1	3
1007.7	-4	SW	4	o	52	95	6	5	-	-	10	10	1500	1	4
1006.7	-6	SW'S	4	df	53	95	3	5	-	-	10	10	<150	1	4
1011.1	-10	WSW	4	o	54	95	8	5	-	-	10	10	2500	1	4
1004.4	+4	W'S	6	c	53	95	6	5	-	-	10	10	1500	1	4
1001.8	0	SW'S	3	c	51	95	7	5	7	-	4-6	10	1500	1	2
1003.0	-2	WSW	2	c	53	85	7	5	-	-	7-8	7-8	2500	1	*
1002.8	0	W	2	c	50	95	8	8	-	-	7-8	7-8	2500	1	*
1002.9	+2	SW	2	3o	51	95	6	5	7	-	4-6	9+	2500	1	*
1002.0	+6	SW	3	c	51	95	7	6	2	-	9+	10	2500	1	*
1001.8	+2	WSW	3	bc	48	95	7	-	7	-	0	2-3	-	0	2
1000.9	+4	SW'S	2	c	52	85	8	8	-	-	9	9	2500	1	*
999.1	-2	-	0	Dr	43	95	6	4	-	-	10	10	800	1	*
998.0	+2	-	0	id	46	95	6	5	-	-	10	10	800	1	1
998.5	0	NNE	4	ir	45	95	8	9	2	-	7-8	9+	1500	1	3
999.7	+2	NNE	6	o/r	40	95	7	6	-	-	10	10	800	1	*
998.9	-2	-	0	c	50	95	7	5	-	-	10	10	800	1	3
998.2	+4	N	2	d d	48	95	4	6	-	-	10	10	<150	2	1
999.9	0	SSW	3	dr	50	95	6	6	-	-	10	10	800	1	*
999.7	0	W	1	c	51	95	6	5	-	-	9	9	800	1	0
1001.4	-4	S	1	o	49	95	7	6	-	-	10	10	2500	1	*
1001.0	-8	SSW	3	ir	53	95	6	6	-	-	10	10	800	1	4
1003.4	-8	SW	3	id	55	95	6	5	-	-	10	10	800	1	4

PAST 24 HOURS.

Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 2nd Hrs. (36)
55	54	50	8	Tr	0.0
56	54	51	9	-	0.0
55	53	50	7	-	0.0
55	52	50	10	0.2	0.0
54	53	52	19	0.2	0.0
53	49	50	11	0.1	0.0
54	52	49	6	Tr	0.0
55	51	50	10	-	0.0
50	50	47	7	Tr	0.0
50	49	46	14	0.6	0.0
52	49	47	9	Tr	0.0
54	49	47	5	0.1	0.0
53	50	47	6	0.3	*
55	51	47	3	0.1	0.1
55	51	*	12	Tr	*
54	53	52	9	0.4	0.0
53	52	*	7	1	*
53	52	*	1	0.3	0.0
55	(53)	49	11	0.3	0.0
53	50	*	6	0.4	0.0
53	51	50	6	-	0.0
54	50	42	7	0.1	0.0
51	49	47	6	1	0.0
52	50	47	11	2	0.0
50	50	47	8	-	0.0
49	48	*	9	3	0.0
49	44 (48)	44	8	0.6	0.0 *
50	50	47	4	0.4	*
52	48	47	Tr	Tr	0.0
52	45	44	9	1	0.0
48	42	*	3	7	0.0
50	42	41	2	4	0.0
51	45	43	Tr	2	*
53	44	*	3	4	*
50	39	*	7	4	0.0
53	48	*	2	0.6	*
53	47	*	11	4	0.0
53	48	46	3	0.5	0.0
54	42	*	2	1	*
55	48	45	0.5	1	0.4
54	52	49	8	3	0.2
55	51	*	5	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.	Weather Afternoon.	Weather Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility 9h. To-day.
		24 hrs. ended 9h.											
Kew	18	crrm o	crrm c	cd c	55	54	50	8	Tr	0.0	*	*	6
Croydon	217	rrrrr o	crr dm	cm c	56	54	51	9	-	0.0			6
Greenwich (Royal Observatory) ...	149	r d r	rrm c	c o	56	53	50	4	-	0.0	94	89	6
City (Bunhill Row)	—									0.0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	56	55	51	5		0.0	93	87	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	57	48	51	6	Tr	0.0	100	93	*
Camden Square	110	cr	crc	*	55	54	50	6	-	*	At 18h.	88	*
Kensington	80	orc	cr	*	55	54	49	7	Tr	0.0	95	90	*
Hampstead Observatory	450	or	or	omd	54	51	47	6	0.1	0.0		96	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
Record defective			

Kew Observatory.

Max.	Time.	Min.	Time.
0.2	9h 2nd	<0.1	0h 3rd

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 2nd December: Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 3rd December: Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1001.8	WSW	3	3o	48	1013.7	SSW	3	o	52
Brussels						1009.1	WSW	4	df	52
Berlin	1014.3	S	1	o/r	37	1002.3	S	3	rf	43
Munich						1011.1	SE	2	o	43
Rome	1016.3	-	o	b	43	1012.7	ESE	2	o	46

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
48	41	9	-
	43		4
39	36	Tr	7
	39		4
×	×	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† The observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 4th December 1934.

No. 26675

OBSERVATIONS at 13h. G.M.T. 3rd 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)	°F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base (feet) (14)
1	London (Kew)	1006·9	-4	SW	3	c	55	85	6	5	·	·	10	10	1500
	Croydon	1007·7	-6	WSW	4	c	56	85	6	5	·	·	9+	9+	1500
	S. Farnborough	1006·7	-12	SW	4	id$_o$	55	95	6	6	·	·	10	10	800
	Boscombe Down	1006·2	-14	SW'S	3	o	54	95	7	6	·	·	10	10	450
	Calshot, S'thmtn	1008·1	-6	SSW	4	id$_o$	53	95	4	5	·	·	10	10	450
	Lympne	1008·7	-2	SW	4	df	52	95	1	5	·	·	10	10	<150
	Manston	1007·7	0	WSW	4	c/pr$_o$	56	95	7	5	7	·	7-8	9+	1500
2	Shoeburyness	1007·2	0	SW	3	c	55	85	7	5	·	·	10	10	2500
	Felixstowe	1006·4	-6	SW	3	3$_o$	53	95	6	5	·	·	9+	9+	1500
	Gorleston	1005·1	+2	SWW	3	ir$_o$	55	95	6	6	·	·	10	10	1500
	Cranwell	1004·1	-6	SW	3	ir$_o$	54	95	6	6	2	·	9	10	800
3	Birmingham	1004·5	-4	SW	2	c	56	85	8	6	·	·	7-8	7-8	1500
	Upper Heyford	1005·7	-4	SW	4	c/d	54	95	8	5	2	·	9	10	800
4	Ross-on-Wye	1004·7	-8	SW	3	o/pr	54	95	7	6	·	·	10	10	2500
5	Portland Bill	1007·0	-10	WSW	5	rr	54	95	6	5	·	·	10	10	800
	Plymouth	1006·3	-14	SW	4	d$_o$d$_o$	54	95	5	5	·	·	10	10	220
	The Lizard	1006·6	-6	SW'W	5	3$_o$	53	95	5	5	·	·	10	10	2500
	Scilly (St. Mary's)	1006·4	-6	SWW	4	if$_o$	53	95	3	5	·	·	10	10	<150
	Guernsey	1009·6	-14	SW'W	4	d$_o$d$_o$	55	95	5	5	·	·	10	10	1500
6	Pembroke	1002·5	-8	SSW	4	of	53	95	3	5	·	·	10	10	800
7	Holyhead	1001·4	-4	SSW	3	d$_o$d$_o$	53	95	5	5	·	·	10	10	450
	Chester (Sealand)	1002·8	-5	S'E	2	c/d$_o$	54	95	6	5	3	·	9	9+	1500
8	L'pool (Bidston)	1002·1	-2	SSW	2	o	53	95	7	5	·	·	10	10	2500
	Manchester	1002·3	-6	SW'W	3	c/d$_o$	54	85	6	5	7	3	2-3	9+	1500
9	Harrogate	1002·4	0	SW	1	c	51	85	5	6	2	·	9	10	2500
10	Spurn Head	1002·7	+2	W'S	3	bc	53	85	7	5	7	1	2-3	4-6	2500
	Catterick	1001·6	+2	-	0	c/d$_o$	51	95	8	5	·	·	9+	9+	2500
	Tynemouth	1000·5	0	WSW	1	cf	52	85	3	9	·	·	9	9	1500
11	Inchkeith	999·1	0	SW	3	c	51	85	7	8	6	2	2-3	7-8	2500
	Leuchars	998·4	+2	SW	2	c	52	85	6	5	3	·	9	9+	1500
12	Renfrew (Abbotsl)	998·8	+2	SW'S	3	c	53	85	6	5	·	·	9+	9+	1500
	Eskdalemuir	999·5	-2	SW	4	d$_o$d$_o$	49	95	6	5	·	·	9+	9+	800
13A	Tiree	999·0	-2	NNW	3	dr	47	95	8	5	7	·	9+	10	800
13B	Stornoway	1001·7	+10	NNE	5	r$_o$r$_o$	41	95	7	8	2	·	4-6	10	1500
15	Dalwhinnie	999·1	+6	NE	3	Dr	42	95	5	4	·	·	10	10	450
	Aberdeen	999·0	+4	N'E	1	id$_o$	46	95	5	5	·	·	10	10	450
	Wick	1000·5	+4	N	3	c	44	85	8	8	1	·	7-8	9+	1500
16	Lerwick	1000·2	+4	NNW	4	pr$_o$	41	85	7	8	7	·	7-8	9+	800
17	Blacksod Point	999·0	0	SW	3	id$_o$	51	95	7	6	·	·	10	10	450
18	Malin Head	998·7	0	N	2	dd	46	95	5	6	·	·	10	10	220
	Aldergrove	999·0	-6	S'W	2	id$_o$	50	95	8	5	·	·	10	10	800
	Donaghadee	999·8	+2	SW	2	c	51	95	8	5	·	·	7-8	7-8	1500
19	Birr Castle	1001·2	-4	S	1	ir	52	95	7	6	·	·	10	10	2500
20	Valentia Obsy.	1001·2	-6	SSW	1	c	53	95	7	5	·	·	9+	9+	450
	Roches Point	1003·2	-2	SW	3	c	53	95	7	5	·	·	9+	9+	1500

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

District	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	°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	1005·9	-6	SSW	2	o	55	95	6	5	·	·	10	10	1500	1	*
	1006·7	-6	SW	3	id$_o$	54	95	6	5	·	·	10	10	450	1	·
	1005·8	-4	SW	3	id$_o$	54	95	7	6	·	·	10	10	450	1	·
	1005·8	+2	SW'S	2	3$_o$	53	95	6	5	·	·	10	10	450	1	·
	1007·0	-2	SW'S	4	r$_o$r$_o$	54	95	7	6	2	·	7-8	10	800	1	2
	1007·6	-8	SW'S	3	df	53	95	1	5	·	·	10	10	<150	1	§2
	1006·7	-6	SW'S	4	c	53	95	7	5	·	·	10	10	1500	1	*
2	1006·1	-6	SW	3	c	53	95	7	5	·	·	10	10	2500	1	*
	1006·2	-2	SSW	3	3$_o$	50	95	6	5	·	·	9+	9+	2500	1	2
	1005·3	+2	S'W	3	c	54	95	6	5	·	·	10	10	1500	1	2
	1003·7	0	SW'S	3	3$_o$	53	95	6	5	·	·	9+	9+	1500	1	*
3	1004·2	0	SSW	2	d$_o$d$_o$	53	95	8	5	·	·	9+	9+	1500	1	*
	1004·8	+2	SSW	3	c	53	95	8	5	·	·	7-8	7-8	800	1	*
4	1004·2	-4	SW	3	bc	53	95	7	5	·	·	4-6	4-6	2500	1	*
5	1006·4	-4	W	5	o	53	95	6	5	·	·	10	10	1500	1	4
	1006·4	+4	SW	5	d$_o$d$_o$	53	95	4	5	·	·	10	10	220	1	3
	1006·9	+4	SW	5	df	53	95	3	5	·	·	10	10	800	1	4
	1006·2	+2	WSW	5	df	53	95	2	5	·	·	10	10	<150	1	3
	1009·1	+8	W	4	id$_o$	55	95	5	6	·	·	10	10	1500	2	3
6	1003·1	+4	SW	3	id$_o$	52	95	7	5	—	—	10	10	1500	†	3
7	1001·2	+4	SW'S	4	id$_o$	52	95	4	5	·	·	10	10	220	1	2
	1002·7	+4	SSW	2	c	55	75	8	5	·	·	9+	9+	2500	1	*
8	1002·1	0	W	3	c	53	85	8	5	2	·	7-8	9+	2500	1	*
	1002·0	-2	SW'S	3	3$_o$	53	95	5	5	·	·	10	10	1500	1	*
9	1002·3	0	SSW	1	ir$_o$	51	95	5	5	·	·	10	10	2500	1	*
10	1002·6	0	·	0	c	50	95	6	-	2	·	0	10	-	0	1
	1001·5	+2	S'E	2	c	50	95	7	5	·	·	10	10	1500	1	*
	1000·7	+2	SW	1	o	51	95	5	6	·	·	10	10	1500	1	1
11	999·5	+8	SW	1	id	50	95	7	6	·	·	10	10	1500	1	0
	1000·0	+10	NE	3	r$_o$r$_o$	46	95	6	5	·	·	10	10	460	1	*
12	999·0	+4	SW'S	2	o/pr$_o$	50	95	6	6	·	·	10	10	800	1	*
	1000·5	+6	SW	3	d$_o$d$_o$	47	95	5	5	·	·	10	10	220	1	*
13A	999·3	+4	N	5	r$_o$r$_o$	45	95	6	6	2	·	7-8	10	800	1	3
13B	1004·3	+8	NNE	3	c/r$_o$	39	75	6	8	2	·	4-6	10	1500	1	1
15	1001·2	+16	NE	3	ir$_o$	37	95	5	3	·	·	10	10	450	1	·
	1001·2	+12	NW	2	d$_o$d$_o$	43	95	5	6	·	·	10	10	450	1	1
	1002·2	+10	N	3	ir$_o$	42	85	8	8	1	·	4-6	7-8	1500	1	3
16	1001·5	+10	N'E	5	c	40	85	8	5	2	·	4-6	10	1500	1	*
17	1000·9	+6	N	5	ir	46	95	7	6	·	·	10	10	450	1	5
18	998·8	+4	N	3	c/d	46	95	7	8	·	·	10	10	800	2	1
	999·7	-2	S'W	2	o/d$_o$	50	85	7	5	·	·	10	10	1500	1	*
	999·8	0	·	0	c	50	95	7	5	·	·	9+	9+	1500	1	0
19	1000·3	-2	SW	1	c	50	95	8	8	·	·	7-8	7-8	2500	1	*
20	999·4	-14	S'W	3	r$_o$r$_o$	52	95	6	5	·	·	10	10	460	1	4
	1002·1	-6	SW	3	df	51	95	3	5	·	·	10	10	<150	1	4

PAST 24 HOURS.

Weather. 7h.–13h. 3rd. (37)	13h.–18h. 3rd. (38)	18h. 3rd to 1h. 4th. (39)	1h.–7h. 4th. (40)
cr$_o$c	o sm$_o$	om$_o$rbc	c
bcm$_o$	cm$_o$id$_o$	cm$_o$d$_o$c	cm$_o$dcbcd$_o$
cid$_o$c	d$_o$cd$_o$c	cb, c	cid$_o$m$_o$o
oir$_o$m$_o$	oid$_o$m$_o$	omc	err$_o$
cd$_o$r$_o$m$_o$	cid$_o$mr$_o$	cr$_o$cr$_o$r$_o$	cd$_o$r$_o$r$_o$
ifr$_o$Fd$_o$d$_o$	FFd$_o$d$_o$	FFdr	d$_o$m$_o$ffd
cpr$_o$c	c	cr$_o$	bccm$_o$
c	c	cr	c
bc3$_o$c3$_o$	c3$_o$m$_o$	cmcr$_o$m$_o$	bcmcirm$_o$
coir$_o$	orc	d$_o$d$_o$o	o$_o$j$_o$
cm$_o$d$_o$	cr$_o$m$_o$	cbcm$_o$	bccm$_o$
c	c	cbcc	co
oddc	c	cd$_o$	cd$_o$bcc
cbccop	d$_o$cp$_o$bc	bccod$_o$	cod$_o$
orr3$_o$	orr3$_o$	c	oirrr
oddfdr	od$_o$d$_o$m$_o$m	od$_o$d$_o$mdr	oddrrm$_o$
ffd$_o$o	mifr$_o$	ifD	dfhq
ffdif	if id$_o$	if cdm	ifdrr
opir ir	oird$_o$	oird$_o$	cor
cifidc	cFeid$_o$c	cqidm$_o$c	cqiFRrm$_o$
r$_o$r$_o$o	riRo	d$_o$r$_o$rc	id$_o$c
cm$_o$id$_o$	c	cbc	bcc
bcco	cprc	cbc	bcc
id$_o$m$_o$	id$_o$r$_o$	cm$_o$	r$_o$bcc
co	coir$_o$	coir	c
cbc	bcco	co	cir$_o$
cid$_o$	c	dor$_o$rm$_o$	cir$_o$bcm$_o$
cff	cffir$_o$	obccm	oirff
omidc	Fqid	orr	oiRq
or$_o$cm$_o$	Rrrrr$_o$r	cr$_o$rm$_o$c	cr$_o$r$_o$
cid$_o$m$_o$	cm$_o$pr$_o$	em$_o$Rrrr	m$_o$r$_o$r$_o$r
cid$_o$	c cid$_o$	d$_o$d$_o$bcc	cd$_o$ird
cid$_o$	cir$_o$	rrc	rr
cr$_o$r$_o$	cr$_o$r$_o$	c	cprq
dro	dro	·	irsso
m$_o$id	om$_o$d$_o$d$_o$	d$_o$ir$_o$	or$_o$o
cirpr	cir$_o$	cdr$_o$c	c
ocpr$_o$	cpr$_o$	cbc	bccyH
id$_o$	dr	PRcq	PRcq
odd3$_o$	oid3$_o$	ocd3$_o$	oid3$_o$
cr$_o$d$_o$o	ocid$_o$	cr$_o$r$_o$	cr$_o$r$_o$c
cid$_o$c	c	c	crrcom$_o$
oir	oirc	cpr	prrr
ir$_o$d$_o$d$_o$c	or$_o$r$_o$	r$_o$ikir	ir$_o$orr
oid$_o$c	codfdf	dfddc	rrik

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.*

§ See. disturbance reported from Dungeness

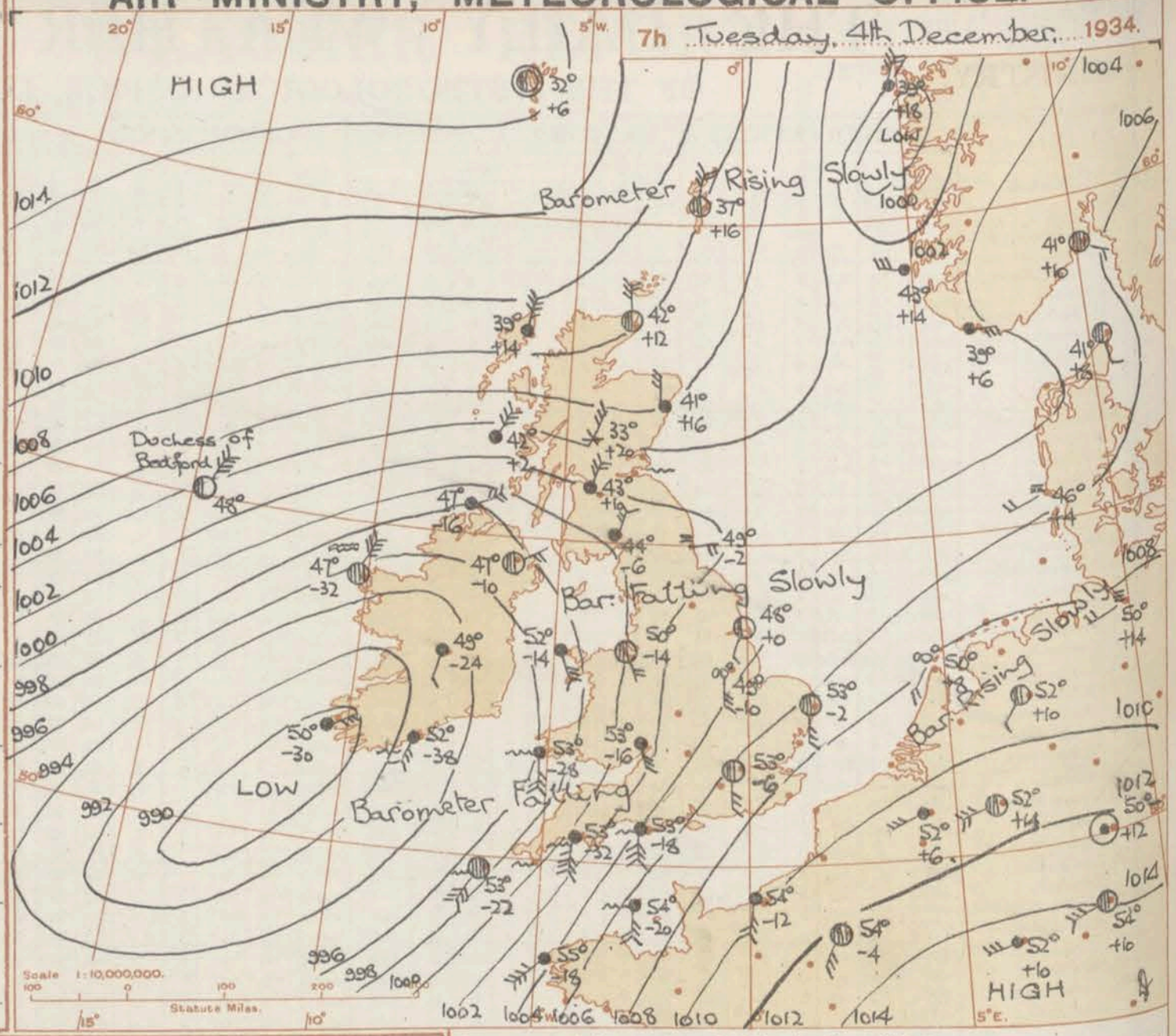
REPORTS from HEALTH RESORTS for 3rd December 1934

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 2nd to 3rd 9h.	Temperature. Max. 9h.—17h. 3rd	Rainfall. Night. 17h. 1st to 3rd 9h.	Rainfall. Day. 9h.—17h. 3rd	Sunshine. Sunrise to Sunset. 3rd.
1	Tunbridge W.	o	o	45	54	Trace	-	0·0
	Bournemouth	o	or	48	54	-	2	0·0
	Ventnor ...	rodm	odmor	49	54	0·3	5	0·0
	Southsea ...	od$_o$o	od$_o$o	49	55	0·5	0·5	0·0
	Bognor Regis	oir	oir R	50	53	0·3	3	0·0
	Littlehampton	odo	orr	49	54	0·4	4	0·0
	Worthing ...	od	or	49	54	0·5	2	0·0
	Brighton ...	o	opor	48	55	0·6	0·6	0·0
	Eastbourne†	or$_o$o	od$_o$d$_o$	53	55	1	0·3	0·0
	Hastings† ...	epodo	odf	53	54	0·4	1	0·0
	Folkestone ...	om$_o$d	om$_o$d	45	54	0·1	1	0·0
	Dover... ...	odr	roid	45	55	Trace	2	0·0
	Deal	o	od$_o$o	44	55	-	0·3	0·0
	Ramsgate ...	c	c	52	55	-	-	0·0
	Margate ...	c	c	45	56	0·1	-	0·0
2	Southend ...	c	co	45	53	0·2	-	0·0
	Maldon ...	ro	o	50	57	0·3	-	0·0
	Clacton-on-Sea	c	c	45	52	0·2	-	0·0
	Dovercourt ...	doc	oc	46	56	Trace	-	0·0
	Lowestoft ...	d$_o$ebc	bed$_o$c	45	56	1	0·2	0·5
	Skegness ...	bco	oro	46	54	0·6	0·2	0·5
	Mablethorpe	bc	cr$_o$	46	54	1	Trace	1·1
	Cleethorpes...	bc	cr$_o$	47	55	3	Trace	1·6
3	Leamington S.	o	pco	48	57	0·2	0·2	0·5
4	Cheltenham†	oc	cp$_o$o	50	56	0·3	Trace	0·0
5	Bath	ir$_o$c	ir$_o$c	53	61	3	0·5	0·0
	Weymouth ...	md	id$_o$	49	55	0·4	3	0·0
	Jersey ...	ro	oro	49	55	Trace	5	0·0
	Torquay ...	dod$_o$p	od$_o$pq	53	57	1	1	0·0
	Penzance ...	moid	moid	53	56	2	1	0·0
	St. Ives ...	d	p	52	56	1	2	0·4
	Bude	md	md	52	56	2	1	0·0
	Ilfracombe ...	dd	dof	53	56	2	3	0·0
6	Aberystwyth	prc	cir	46	53	6	2	0·0
7	Llandudno ...	c	ir$_o$c	51	54	2	0·3	0·4
	Colwyn Bay...	cbec	pcbec	52	56	1	0·5	0·3
	Rhyl	c	r$_o$c	50	56	2	Trace	0·1
8	Wallasey ...	c	cpbec	49	54	1	0·5	0·0
	Southport‖ ...	oco	or	50	52	0·2	1	0·0
	Blackpool ...	oc	or	50	52	2	4	0·0
	Morecambe ...	deem$_o$	rmor	49	52	1	2	0·0
9	Ilkley... ...	od$_o$o	od$_o$o	48	53	1	1	0·0
10	Berwick-on-T.	bcc	co	48	53	1	-	2·8
11	Dunbar ...	cr$_o$bc	cm$_o$	48	54	1	-	1·4
12	Troon... ...	r$_o$ebc	corc	46	52	3	0·5	0·2
	Douglas ...	cbc	cbcid	50	53	1	Trace	0·6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Tuesday, 4th December, 1934.



Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ Temperature is given in degrees F.
Weather Symbols :— ◯ Clear sky. ◔ Sky less than 1/10 clouded. ◑ Sky 1/10 to 1/5 clouded. ◑ Sky 1/10 to 1/5 clouded. ◍ Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet ▲ Hail ≡ Fog. ≡ Mist. T Thunder. T 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. 4th December, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate or fresh south to southwest wind, strong locally on coast; dull, continuous rain at first; showers or occasional rain later, with some brighter intervals; very mild.
5. S.W. England 6. South Wales 7. North Wales	Fresh or strong south to southwest wind; cloudy, rain at times, bright intervals locally at first; mild.
8. N.W. England 9. N. Midlands 10. N.E. England	Moderate southerly wind; dull, rain at times; mild.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Fresh or strong northeast to east wind; dull, rainy, rather cold, especially at first.
13. {A. W. Scotld. ▲ / B. N.W. Scotland	Strong northeast wind, perhaps gale locally; dull, rainy; rather cold.
14. Mid-Scotland 15. N.E. Scotland	Moderate to fresh or strong northeast wind; dull, rainy, snow on hills; rather cold.
16. Orkneys and Shetlands.	Fresh north to northeast wind; cloudy, showers; rather cold.
17. N.W. Ireland ▲	As 13.
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate or fresh variable wind; dull, rain at times; rather mild.

GENERAL INFERENCE.

A depression off Southwest Ireland is likely to move very slowly northeast. Rain will be general. Strong southwest winds will occur in the English Channel and strong to gale northeast winds on the northwest seaboard.

FURTHER OUTLOOK.

Rain at times.

Time of issue of Gale Warning.

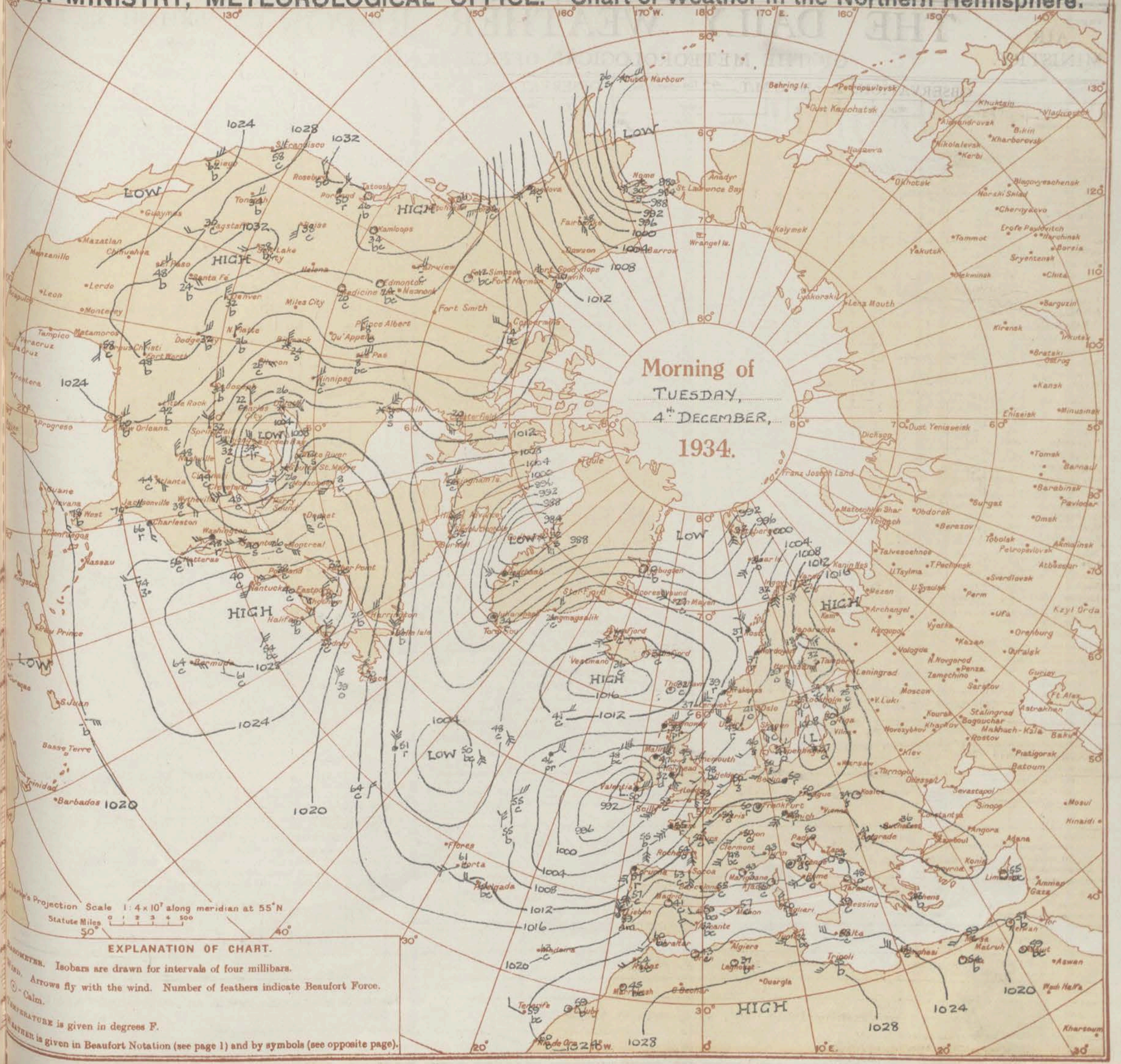
▲ North Cone at 0820 on 4th in districts 17 and 13A.

Forecasts issued at 1015 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

H.M. Stationery Office Press, Kingsway, W.C.2. Fs.253/2d/4. We.9016. D.8030 6p.902 23450 4/34.

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, 4th December 1934.

No. 26675

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

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)	°F. Temp. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1007.4	+.4	SSW	3	c/d$_o$	53	95	6	5	-	-	10	10	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1008.4	+.6	SW	3	d$_f$	52	95	2	5	-	-	10	10	<150
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1005.5	+.4	SW'S	4	3$_o$	53	95	5	5	-	-	10	10	1500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1007.4	+.2	WSW	4	c	54	95	7	4	-	-	7-8	7-8	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1006.0	-.6	SSW	4	d$_f$	53	95	3	5	-	-	10	10	400
	Scilly (St. Mary's)	163	1004.1	-1.8	SW'S	5	c$_f$	53	95	4-5	5	-	-	10	10	800
	Guernsey	175	1003.7	0	SW	4	c	54	95	8	8	-	-	7-8	7-8	2500
6	Pembroke	142	1001.7	-.2	SW	4	id$_o$	53	95	6	5	-	-	10	10	1500
7	Holyhead	26	1000.4	-.2	SW'S	4	c/d$_o$	52	95	6	5	2	-	4-6	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1003.6	+.2	-	0	c	51	95	7	-	2	-	0	10	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1001.7	+.6	-	0	m	49	85	4	5	-	-	10	10	1500
11	Inchkeith	190	1001.9	+.8	NE	5	0/c	43	95	8	6	-	-	10	10	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1006.4	+.10	NNE	5	c	42	75	8	5	6	-	7-8	9	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1005.3	+.10	N	4	c	42	85	8	8	1	-	7-8	10	1500
16	Lerwick	155	1005.7	+.14	N	5	bc	38	85	8	5	1	-	2-3	4-6	1500
17	Blacksod Point	18	999.6	0	N	7	9	46	95	7	9	-	-	10	10	800
18	Malin Head	52	999.1	0	N	7	d$_d$	45	95	6	6	-	-	10	10	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obcy.†	30	997.1	-.4	S'W	1	d$_d$	50	95	7	6	-	-	10	10	800
	Roches Point	22														

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1006.2	-.6	S	3	c	54	95	7	5	2	-	7-8	10	800	1	*
1006.9	-.6	S	3	c/d	53	95	6	5	-	-	9+	9+	800	1	*
1005.8	-1.4	S	4	d$_d$	53	95	5	5	-	-	10	10	800	1	*
1004.2	-1.6	S'E	5	rr	53	95	5	6	-	-	10	10	450	1	*
1006.1	-1.8	S	5	dd	53	95	8	9	2	9	7-8	10	800	1	3
1008.3	-.6	SSW	3	d$_f$	52	95	2	6	-	-	10	10	<150	1	§3
1007.7	-.4	SW	4	o/d	53	95	7	6	-	-	10	10	800	1	*
1007.2	-.2	SSW	3	c	51	95	7	5	7	-	4-6	7-8	2500	1	*
1007.1	-.2	SSW	3	3$_o$	51	95	6	5	7	-	7-8	9	2500	1	2
1006.3	-.2	S	3	c	53	95	6	5	-	-	10	10	2500	1	2
1003.8	-1.0	S	3	3$_o$	49	95	6	5	-	-	9	9	1500	1	*
1003.0	-.6	SSE	3	o	51	95	7	5	-	-	10	10	1500	1	*
1004.5	-1.0	S	3	c	52	95	6	5	-	-	10	10	800	1	*
1001.8	-1.6	S'E	3	d$_o$d$_o$	53	95	5	6	-	-	10	10	1500	1	*
1003.4	-1.8	S	6	rr	53	95	6	5	-	-	10	10	800	1	4
1000.1	-3.2	S'W	7	dd	53	95	6	6	-	-	10	10	800	1	4
999.1	-2.0	SSW	7	rr	52	95	6	6	-	-	10	10	1500	1	4
996.9	-2.2	SW'S	6	c/r	53	95	6	9	-	-	10	10	1500	1	4
1006.5	-2.0	S	5	rr	54	95	7	6	-	-	10	10	1500	2	4
995.6	-2.8	S	5	RR	53	95	6	5	-	-	10	10	1500	1	4
997.6	-1.4	SE'S	4	id$_o$	52	95	6	5	-	-	10	10	800	1	2
1000.9	-1.4	SE	2	c	50	95	7	5	2	-	7-8	9	2500	1	*
1000.3	-.6	S	3	c	50	95	8	5	-	-	9	9	2300	1	*
1001.1	-1.0	SSE	2	3$_o$	47	95	6	-	7	-	0	9+	-	1	*
1002.3	-.6	S	1	c	49	95	7	6	8	-	2-3	7-8	2500	1	*
1003.7	0	SW'S	1	bc	48	95	7	5	7	1	2-3	4-6	1500	1	1
1001.8	-.4	SSE	2	3$_o$	48	95	6	5	-	6	4-6	4-6	2500	1	*
1001.5	-.2	E	2	o$_f$	49	95	5	6	-	-	10	10	1500	1	1
1002.9	+.4	NE	6	rr	44	95	7	6	-	-	10	10	1500	1	4
1004.0	+.2	NE	3	r$_o$r$_o$	43	95	7	5	2	-	9	10	800	1	*
1002.0	+.10	NE'E	5	rr	43	95	6	6	-	-	10	10	800	1	*
1000.9	-.6	NEN	4	dd	44	95	6	5	-	-	10	10	800	1	
1002.4	+.2	NE	6	rr	42	85	8	6	-	-	10	10	1500	1	4
1003.3	+.14	NNE	7	PR	39	85	7	9	6	-	7-8	9	1500	1	3
1007.0	+.20	NE	3	ss	33	95	5	4	-	-	10	10	450	7	*
1006.5	+.16	N'W	3	r$_o$r$_o$	41	85	6	6	-	-	10	10	800	1	1
1008.3	+.12	N	5	c	42	75	8	8	1	-	7-8	7-8	1500	1	3
1008.9	+.16	NNE	5	c	37	55	8	5	-	-	7-8	7-8	1500	0	*
999.4	-.32	NE	7	9	47	95	7	9	-	-	10	10	450	1	5
997.6	-.16	E'N	5	id$_o$	47	95	6	6	-	-	10	10	800	2	2
998.2	-.10	ENE	2	c	47	95	7	5	-	-	7-8	7-8	1500	1	*
997.3	-.10	-	0	0	50	95	6	5	-	-	10	10	800	1	0
993.4	-.24	SW	1	rr	49	95	7	6	-	-	10	10	1500	1	*
989.3	-.30	E'N	3	rr	50	95	6	6	-	-	10	10	800	1	3
992.2	-.38	SSW	4	cR	52	95	6	6	-	-	10	10	800	2	4

PAST 24 HOURS.

Temperatures. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 3rd Hrs. (36)
56	54	50	Tr.	Tr	0.0
56	53	51	Tr.	Tr	0.0
55	52	48	Tr.	Tr	0.0
54	51	50	Tr.	0.6	0.0
54	52	51	3	1	0.0
53	51	51	0.3	4	0.0
55	51	49	Tr.	0.4	0.0
56	50	47	-	0.1	0.0
54	48	47	-	0.2	0.2
55	52	50	1		0.0
55	47	43	0.1	-	0.9
56	49	46	Tr.	-	*
54	51	48	0.5	Tr	*
56	51	48	1	Tr	0.2
57	50	*	3	3	*
54	53	52	1	5	0.0
53	52	*	1	8	*
53	52	*	1	7	0.0
54	52	*	0.3	7	0.0
55	53	51	10	8	0.0
53	50	*	304	8	0.0
53	50	50	4	1	0.0
51	49	47	Tr.	-	0.0
53	49	47	0.2	-	0.0
55	47	44	0.2	0.1	0.0
51	49	45	0.3	0.6	0.0
53	47	*	-	0.6	3.1
52	48	45	Tr.	1	0.0
53	48	41	0.2	2	*
51	43	41	Tr.	8	1.0
53	42	39	3	3	0.1
53	42	41	0.1	7	0.0
49	43	43	0.3	3	0.0
47	41	39	1	6	0.0
44	38	*	6	1	0.0
43	32	32	2	6	0.0
47	40	39	0.6	4	*
45	40	*	1	0.4	
42	37	*	Tr.	-	0.1
51	45	*	1	3	*
54	50	47	2	5	0.0
53	45	43	0.1	2	0.0
53	46	*	0.2	8	*
53	47	46	0.4	8	0.0
54	50	47	2	14	0.0
53	51	*	1	22	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
KEW	18	cr$_o$c	oom$_o$	om$_f$c$_o$c$_o$	56	54	50	Tr	Tr	0.0	*	*	6
CROYDON	217	bcm$_o$	cm$_o$d$_o$	cm$_o$d$_o$d$_o$	56	53	51	Tr	Tr	0.0			5
GREENWICH (Royal Observatory)	149	c$_o$	c$_o$d$_o$	c$_o$d$_o$	56	53	50	Tr	*	0.0	87	94	6
CITY (Bunhill Row)	—									0.0	*	*	*
WESTMINSTER (St. James' Park)	27	*	*	*	57	54	49	Tr		0.0	87	91	*
REGENTS PK. (Botanic Gardens)‡	168	*	*	*	57	54	50	-	Tr	0.0	91	93	*
CAMDEN SQUARE	110	cdc	c	*	56	54	48	Tr	Tr	*	*	93	*
KENSINGTON	80	co	co$_f$	*	57	54	45	Tr	Tr	0.0	At 18h. 91	90	*
HAMPSTEAD OBSERVATORY	450	od	od	om	55	50	46	0.2	0.1	0.0		99	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

SOUTH KENSINGTON. Max.	Time.	Min.	Time.
0.5	19h-21h 3rd	0.0	1h-5h 4th

KEW OBSERVATORY. Max.	Time.	Min.	Time.
0.2	16h 3rd	<0.1	0h-4h 4th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 3rd December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 4th December. 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	2	r$_o$r$_o$	55	1012.6	SSW	3	o	54	57	54	2	5
BRUSSELS	1009.2	SSW	3	o	52	1011.0	SW	3	id$_o$	52	52	52	1	9
BERLIN	1004.7	W	4	r$_o$r$_o$	52	1005.7	W	2	r$_o$r$_o$	50		48	5	1
ZÜRICH	1018.5	SSE	1	r	46	1020.5	SW	2	c	52	52	45	3	14
ROME	1021.5	WNW	5	o	59	1018.9	WSW	5	o	61	x	x	-	Tr

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† Observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 5th December 1934.

No. 26676

OBSERVATIONS at 13h. G.M.T. 4th 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)	1003·3	-14	SSW	3	r₀r₀	54	95	6	5	2	·	7-8	10	800
	Croydon	1004·3	-20	S'E	4	rr	53	95	6	6	2	·	4-6	10	450
	S. Farnborough	1003·3	-16	S'W	4	r₀r₀	53	95	7	6	·	·	10	10	450
	Boscombe Down	1001·3	-18	S	6	r₀r₀	53	95	6	6	·	·	10	10	450
	Calshot, S'thmtn	1003·4	-18	SSE	5	c	53	95	7	6	3	·	7-8	9+	450
	Lympne	1006·6	-18	S	4	rf	52	95	3	6	·	·	10	10	<150
	Manston	1006·2	-16	SSW	5	rr	53	95	6	6	·	·	10	10	800
2	Shoeburyness	1005·3	-16	SSW	3	rr	52	95	7	6	·	·	10	10	1500
	Felixstowe	1005·6	-14	SSW	4	rr	51	95	6	5	2	·	9	10	1500
	Gorleston	1004·5	-14	S	5	r₀r₀	52	95	6	6	·	·	10	10	1500
	Cranwell	1001·6	-18	SSE	4	rr	53	95	6	6	2	·	9	10	450
3	Birmingham	1000·3	-12	SSW	4	c	52	95	6	6	·	·	10	10	800
	Upper Heyford	1001·8	-14	S'E	4	id	53	95	7	6	·	·	10	10	450
4	Ross-on-Wye	999·6	-6	S'W	4	c	54	85	7	6	7	·	9	9+	2500
5	Portland Bill	1001·1	-16	S	5	d₀d₀	54	95	7	6	·	·	10	10	1500
	Plymouth	999·0	-18	S'W	5	c	54	95	6	6	·	·	10	10	1500
	The Lizard	996·9	-20	S'E	5	c	54	85	8	8	6	·	7-8	7-8	1500
	Scilly (St. Mary's)	993·2	-34	S	6	c	54	95	6	8	7	·	7-8	9	1500
	Guernsey	1002·9	-26	S'W	4	c	55	93	7	8	·	·	9	9	2500
6	Pembroke	995·8	-8	S'W	5	pr₀	53	95	6	5	·	·	9+	9+	1500
7	Holyhead	995·2	0	S	4	id₀	53	95	6	5	·	·	9+	9+	1600
	Chester (Sealand)	997·6	-18	S'E	2	r₀r₀	56	95	6	6	7	·	4-6	9+	1600
8	L'pool (Bidston)	997·6	-12	SSW	2	c/p₀	53	95	6	3	4	·	4-6	7-8	2500
	Manchester	998·0	-14	SSW	4	c/r₀	56	95	6	6	3	·	9	9+	2500
9	Harrogate	999·3	-26	S	1	r-F	50	95	1	5	·	·	10	10	<150
10	Spurn Head	1001·0	-10	S	3	rr	49	95	6	6	·	·	10	10	1500
	Catterick	999·1	-30	ESE	2	rr	50	95	5	·	2	·	10	10	800
	Tynemouth	1000·7	-14	NE	1	r₀r₀	48	95	4	6	·	·	10	10	1500
11	Inchkeith	1001·9	-8	NE	8	c/r	43	95	7	6	2	·	7-8	10	1500
	Leuchars	1005·3	-4	NNE	3	d₀d₀	40	95	6	5	2	·	7-8	10	800
12	Renfrew (Abbotsl.)	1002·9	-6	ENE	6	c/r₀	41	85	7	5	·	·	10	10	1500
	Eskdalemuir	1000·5	-12	NE'N	5	r₀r₀	44	95	5	6	·	·	10	10	800
13A	Tiree	1001·8	-12	NE	6	c/r	43	75	9	5	7	·	7-8	9+	2500
13B	Stornoway	1009·8	-2	NE	7	c	41	65	8	8	6	·	7-8	9	1500
15	Dalwhinnie	1006·9	+8	NE	4	is	35	95	7	4	6	·	7-8	10	1500
	Aberdeen	1007·5	-2	NNE	4	c/r₀	43	75	8	6	2	·	7-8	10	800
	Wick	1009·4	+6	NNE	5	c	40	75	8	8	6	·	4-6	7-8	1600
16	Lerwick	1010·6	+6	NE'N	5	c/ph₀	36	85	8	8	7	·	4-6	7-8	1500
17	Blacksod Point	992·8	-20	NE	6	ir₀	49	96	7	6	·	·	10	10	450
18	Malin Head	997·2	-14	E'N	7	rr	46	95	6	6	·	·	10	10	800
	Aldergrove	995·4	-10	E'N	5	rr	50	95	6	6	·	·	10	10	220
	Donaghadee	994·9	-20	ESE	5	RR	50	95	7	6	·	·	10	10	800
19	Birr Castle	991·1	-6	SW	1	c/r	53	96	8	8	·	·	7-8	7-8	2500
20	Valentia Obsy.	986·4	-12	SE'S	4	c/pr	53	85	8	6	·	·	9+	9+	1500
	Roches Point	991·5	-6	SW	5	ir	52	95	5	6	·	·	10	10	800

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

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)
1001·0	-8	S	3	c/r	54	35	6	6	·	·	7-8	7-8	1500	1	*
1001·7	-18	S'E	3	c/d	54	96	6	5	·	·	9	9	1500	1	*
999·9	-18	S'W	3	bc/r	54	95	7	6	·	·	4-6	4-6	800	1	*
998·2	-18	SE'S	5	r₀r₀	53	95	7	6	·	·	10	10	450	1	*
1000·4	-10	SE'S	5	c	53	95	8	5	7	·	2-3	7-8	2500	1	2
1003·2	-18	S'E	4	3₀	52	95	5	6	·	·	10	10	220	1	§3
1003·1	-8	S	4	3₀	53	95	6	6	·	·	10	10	800	1	*
1002·3	-16	SSW	4	c	52	95	8	5	·	·	7-8	7-8	2500	1	*
1002·4	-18	S'E	4	d₀d₀	50	95	6	5	2	·	7-8	10	1500	1	3
1002·6	-8	S'W	4	r₀r₀	52	95	6	6	·	·	10	10	1500	1	3
1000·2	-4	SE'S	2	ir₀	51	95	6	6	·	·	9+	9+	1500	1	*
998·9	-8	SSE	3	c	52	95	7	5	·	·	9+	9+	1500	1	*
999·6	-12	SSE	3	id₀	52	95	6	5	2	·	9+	10	450	1	*
996·6	-12	SE	3	pr₀	53	95	6	6	·	·	10	10	1500	1	*
996·7	-32	SSE	5	o	54	95	7	6	·	·	10	10	1500	1	4
992·3	-40	SE	6	ir	55	85	6	6	·	·	10	10	800	1	4
989·1	-32	S	7	o	53	95	7	5	·	·	10	10	2500	2	4
986·3	-24	S	5	c/r	53	95	6	8	7	·	7-8	9	2500	1	4
997·6	-30	SSE	6	o	55	85	7	5	·	·	10	10	2500	2	4
989·4	-28	SE	6	ir₀	53	95	6	5	·	·	10	10	800	1	4
994·5	-2	SE	3	c	52	85	6	5	7	·	4-6	9+	1500	1	2
997·5	-2	SE	2	bc	51	95	6	5	·	·	4-6	4-6	2500	1	*
997·3	-4	S'W	3	c	52	95	8	5	·	·	7-8	7-8	2500	1	*
997·6	-6	S'E	2	3₀	52	95	5	5	3	·	7-8	9	2500	2	*
998·6	0	S	1	b	50	95	5	·	·	·	0	0	·	1	*
999·4	-4	SW	2	c	50	95	6	5	2	·	2-3	10	1500	1	1
998·2	+2	·	0	3₀	49	95	5	5	·	·	10	10	1500	1	*
997·9	-12	NE	4	ir₀	48	95	6	6	·	·	10	10	1500	1	3
1002·3	+6	NE	8	rr	43	95	7	6	·	·	10	10	1500	1	5
1004·2	0	NE	4	r₀r₀	42	85	6	5	·	·	10	10	800	1	*
1002·3	+2	ENE	5	rr	41	95	7	6	·	·	10	10	1500	1	*
1000·3	0	NE'N	5	rr	42	95	6	6	2	·	9+	10	800	1	*
1001·7	+2	NE	6	c	44	65	8	5	·	·	9+	9+	2500	0	4
1009·5	0	NE	7	c/ph	40	65	7	8	6	·	4-6	7-8	1500	1	4
1005·9	0	NE	4	is	34	85	5	4	4	·	4-6	10	450	1	·
1006·7	-4	NE	5	c	43	85	8	5	·	·	9+	9+	800	1	3
1009·1	0	NE	5	c	42	65	8	8	1	·	7-8	9	1500	1	5
1010·8	0	NE	5	c/ph	37	95	8	8	·	·	7-8	7-8	1500	1	*
991·6	-4	ESE	4	c	50	95	7	8	·	·	9+	9+	800	1	4
997·4	-6	E'N	7	rr	44	95	6	6	·	·	10	10	800	2	2
995·7	+6	ENE	4	r₀r	47	95	6	6	·	·	10	10	450	1	*
996·5	+10	SE	5	RR	49	95	7	6	·	·	10	10	800	1	3
989·8	-4	SE	1	c	52	95	8	8	·	·	7-8	7-8	2500	1	*
984·2	-14	E'N	4	ir₀	52	85	8	6	·	·	10	10	1500	1	3
986·6	-32	SE	5	rr	52	95	6	6	·	·	10	10	800	1	5

PAST 24 HOURS.

Weather. 7h.—13h. 4th (37)	Weather. 13h.—18h. 4th (38)	Weather. 18h. 4th to 1h. 5th (39)	Weather. 1h.—7h. 5th (40)
cRrr	ccrc	crm₀	cirbcc
caddrrm₀	rrr₀r₀d₀d₀	crm₀rrc	crrbcir₀
rRr₀o	ir₀obc	cr₀₀	circbc
orrm₀	oir₀o₀r₀	oirorr	oirebc
cddrrm	crrc	creer	cbcb
cm₀orif	rrfforn₀	crr c	crrigrR
cdorr	crrm₀	cprbcq	cirridrr
cr₀orr	orrc	cr₀r₀	cr₀
cm₀crrm₀	crrm₀d₀d₀m₀	cd₀d₀rrm₀	crrm₀bc
corq	oirrq	or₀q	ocir
cm₀rrr	cr₀c	cm₀rr	crvcm₀
oirr	ocpr₀	corr	cbc
crrd	crrr₀m₀	err	cd₀bc
rrc	cbccp₀o	p₀our	cp₀bc
od₀	oddo	orrc	c.
odrr₀m₀c	com₀rr	om₀rrc	cirm₀
rr₀c	cRo	bbcpr	bccpr
cp₀c	cqmr	cb₀p₀	p₀q₀q₀
circir	cirr	cprbc	cprbc
cqirm₀pr₀	cqmirc	cqm₀prc	cqirbcc
rRc	d₀cm₀	r₀orrm	RRo
Rrrbc	r₀bcm₀	cRr	rRd₀q
coirbc	cbcc	cR	oR
crrir₀	cirm₀	RR	RRr
cofrR	foirb	bo	offrr
corr	rrc	omrr	orrir
mr₀orrm	rrcnom₀	ir₀om₀	m₀or₀n
offir₀	oirm	o r₀r₀	oir₀q
cirq	cirq	oirq	coirq
cr₀i₀d₀d₀	cr₀r₀m₀	crrr₀c	cr₀c
rr₀r₀cr	cr₀r₀ir	crrc	c
dr₀r₀	cirm₀	crr	cpr₀
·	c	cir₀	chc
cpr₀	cphrq	cprbc	bcpr₀
s$o	p	·	cisbc
orr	oir₀c	ccy	cy
cir₀	cprc	cpr₀q	cpr₀q
cpr₀	cpr₀	cpr	cprhc
r₀	ir	idq	cq
oid3	orr	oirpr	c
coid₀rr	orrr₀r₀	ov₀r₀c	c
cRrq	cRrq	cq	cq
orrc	cr₀c	cpr	cpr
rrr₀r₀pr	pr₀ir₀	cr₀bc	bcvc
orrir	rrorr	orrbc	coid

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

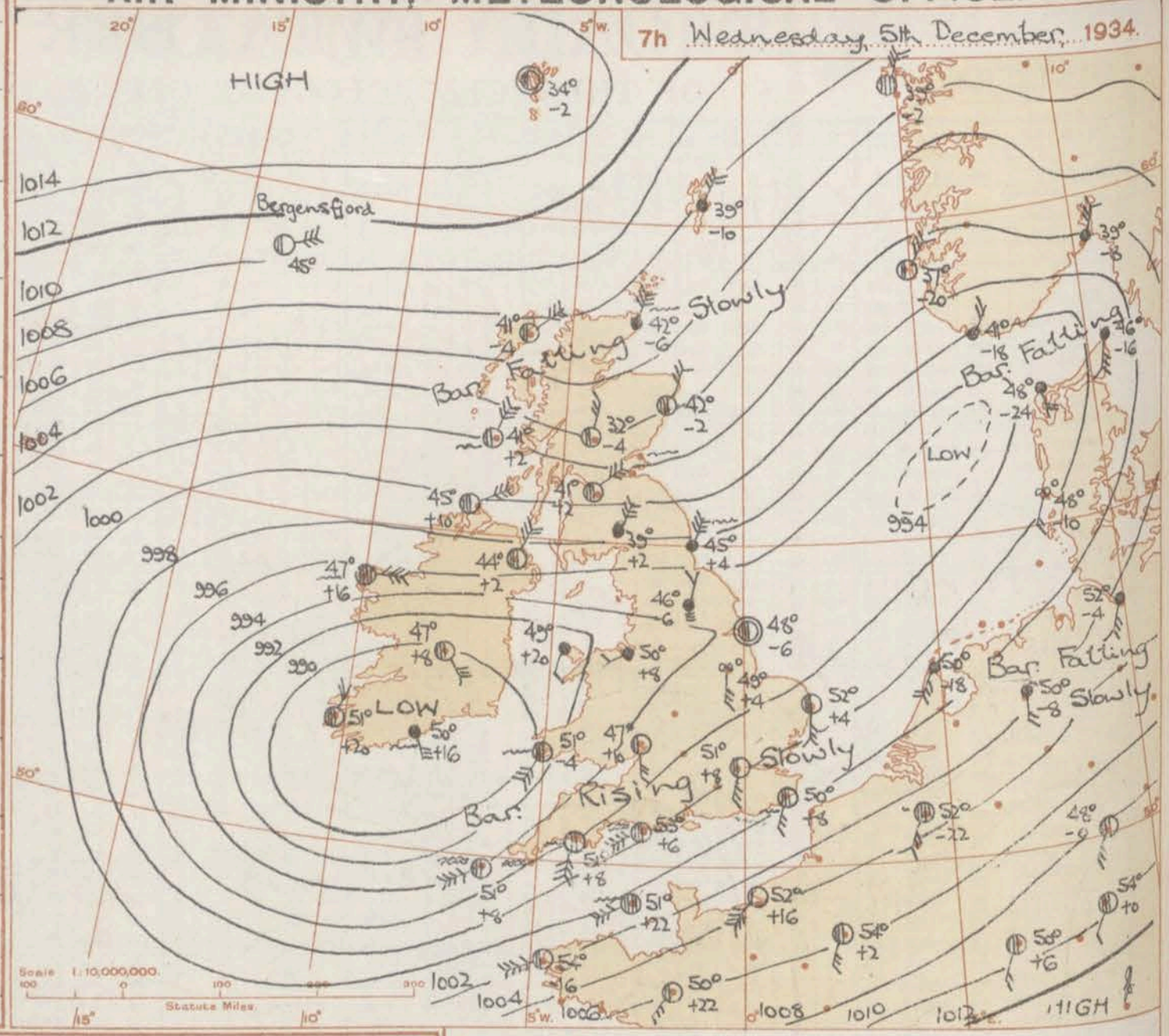
REPORTS from HEALTH RESORTS for Tues. 4th December 1934

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 3rd to 9h. 4th.	Temperature. Max. 9h.—17h. 4th	Rainfall. Night. 17h. 3rd to 9h. 4th	Rainfall. Day. 9h.—17h. 4th	Sunshine. Sunrise to Sunset. 4th.
1	Tunbridge W.	or	oro	52	54	3	11	0·0
	Bournemouth	d	doc	53	54	5	3	0·1
	Ventnor ...	orm	orcu	52	53	7	4	0·3
	Southsea ...	orr	od$_o$	52	54	6	4	0·0
	Bognor Regis	rr	rcoc	53	54	7	7	0·0
	Littlehampton	orr	rrc	52	54	5	8	0·0
	Worthing ...	rr	roc	52	54	5	6	0·0
	Brighton ...	ror	rbc	52	55	3	9	0·0
	Eastbourne†	r$_o$rr	rro	52	54	7	13	0·0
	Hastings† ...	orr	oro	52	54	5	11	0·0
	Folkestone ...	oir	oir	52	53	5	7	0·0
	Dover... ...	cro	ro	52	54	3	5	0·0
	Deal	id	id	51	55	0·5	3	0·0
	Ramsgate ...	co	rorodo	51	53	1	3	0·0
	Margate ...	c	cr	52	54	0·5	3	0·0
2	Southend ...	or	orco	50	52	0·3	5	0·0
	Maldon ...	or	rco	51	54	Trace	7	0·0
	Clacton-on-Sea	cr	cre	49	51	-	5	0·0
	Dovercourt ...	doc	roc	50	•	Trace	6	0·0
	Lowestoft ...	c	copr	50	53	-	3	0·0
	Skegness ...	oro	oro	48	51	Trace	4	0·0
	Mablethorpe	or	orm$_o$	47	53	Trace	3	0·0
	Cleethorpes ...	or$_o$m$_o$	or	48	54	Trace	2	0·0
3	Leamington S.	oc	cpo	49	56	0·2	4	0·3
4	Cheltenham†	oirc	circ	51	55	4	3	0·8
5	Bath	rrc	cp	54	56	3	6	0·1
	Weymouth ...	rc	c	53	55	6	0·3	0·2
	Jersey ...	rcr	rc	52	55	8	4	0·3
	Torquay ...	roqc	oRpq	53	55	8	1	0·0
	Penzance ...	cpcbc	rr	53	55	11	5	0·1
	St. Ives ...	c	rr	53	56	16	5	0·0
	Bude	cpbcp	cp	53	56	5	3	1·2
	Ilfracombe ...	od	o	53	56	10	0·2	0·0
6	Aberystwyth	rrc	bcc	48	55	6	2	0·6
7	Llandudno ...	rrc	cbcc	50	56	2	5	0·3
	Colwyn Bay...	rrpr	cbc	52	56	3	5	1·2
	Rhyl	ordd	cbcc	50	57	Trace	4	1·3
8	Wallasey ...	RR	bcc	50	56	2	5	0·7
	Southport‖ ...	rc	coc	49	55	3	8	0·3
	Blackpool ...	oR	c	49	55	4	10	0·3
	Morecambe ...	cirrr	bccro	48	55	5	11	0·2
9	Ilkley... ...	o	rr	49	54	0·4	12	0·0
10	Berwick-on-T.	od$_o$d$_o$	r$_o$Ro	46	46	1	7	0·0
11	Dunbar ...	cir	crr	43	46	5	3	0·0
12	Troon... ...	rcqpr	cqrpr	44	48	6	4	0·0
	Douglas ...	oRR	circb	49	52	4	16	0·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Wednesday, 5th December, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 5th December, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate or fresh southwest wind, backing later; bright intervals and local showers at first, probably general rain tomorrow; mild, though not so mild as of late.
5. S.W. England ⚜ 6. South Wales ⚜	Strong southwest wind, moderating slightly, backing later and perhaps increasing again; cloudy, some showers; continuous rain later; mild.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind variable to northeast, fresh locally; dull, rain at times; colder.
11. S.E. Scotland	Fresh or strong northeast wind, moderating; cloudy, some showers; rather cold.
12. S.W. Scotland & Isle of Man	Fresh or strong northeast wind, moderating; cloudy, slight local showers, becoming fair; rather cold.
13. A. W. Scotld. B. N.W. Scotland 14. Mid Scotland	Fresh or strong northeast wind, moderating; mainly fair; rather cold.
15. N.E. Scotland 16. Orkneys and Shetlands.	As 11.
17. N.W. Ireland 18. N.E. Ireland	As 12.
19. S.E. Ireland 20. S.W. Ireland	Wind variable to easterly, fresh locally; cloudy, occasional rain; rather mild, then colder.

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

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

GENERAL INFERENCE.

A depression off Southern Ireland is beginning to fill up but a new depression northeast of the Azores will probably advance to the English Channel. Weather will be unsettled in most districts, but fair in the Northwest.

FURTHER OUTLOOK.

Some rain in the South and Midlands; showers in the Northeast, mainly fair in the Northwest.

Time of issue of Gale Warning.

⚜ South Cone at 1430 on 4th in districts 5 and 6.

Forecasts issued at 1030 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

Morning of
WEDNESDAY,
5th DECEMBER,
1934.

Clarke's Projection Scale 1 : 4 × 10⁷ along meridian at 55°N
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 5th December 1934.

No. 26676

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

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)	°F. Temp. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	997.3	-1.8	S'E	4	c/r	53	95	8	5	-	-	9+	9+	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	998.5	-2.2	SW	5	16	52	95	7	6	-	-	10	10	1500
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	999.2	-2.0	S'E	5	r.r.	50	95	6	6	-	-	10	10	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	994.8	+4	SW	6	C	53	95	7	4	-	-	10	10	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	993.9	+2.4	WSW	7	bc/pr	51	85	7	8	-	-	4-6	4-6	2500
	Scilly (St. Mary's)	163	992.2	+2.2	WSW	6	bc	51	85	7	2	-	-	2-3	2-3	2500
	Guernsey	175	991.2	+1.2	SW	4	C	54	95	7	8	-	-	9	9	2500
6	Pembroke	142	988.4	+1.2	SW	6	C	52	95	6	5	-	-	10	10	1500
7	Holyhead	26	990.0	-1.2	E'N	6	r.r.	52	95	4	5	-	-	10	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	996.7	-1.0	-	0	RR	49	95	5	6	-	-	10	10	1500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	997.1	-.8	NNE	6	r.r.	48	95	6	6	-	-	10	10	1500
11	Inchkeith	190	1000.8	-.6	NE	8	c/r	42	95	8	9	-	-	9+	9+	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	54	1008.3	0	ENE	6	bc	40	75	8	3	7	-	2-3	4-6	1500
15	Dalwhinnie	1178	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1007.6	-.6	NE	6	pr	42	75	8	9	1	-	4-6	7-8	1500
16	Lerwick	156	1010.3	-.4	NE	5	c/pr	37	85	8	8	-	-	7-8	7-8	1500
17	Blacksod Point	18	992.6	+.4	E	6	q	48	95	7	9	-	-	10	10	800
18	Malin Head	52	998.0	+.6	E'N	7	o/pr	44	95	7	6	-	-	10	10	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	985.2	+1.0	E'N	2	C.	51	95	7	9	-	-	7-8	7-8	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 5th 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)	°F. Temp. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	997.9	+.8	SW	3	C	51	95	7	8	8	-	7-8	7-8	2500	1	*
	Croydon	998.1	+.8	SSW	3	bc	51	85	8	5	7	-	1	4-6	1500	1	*
	S. Farnborough	998.0	+.2	SW	3	bc	49	85	8	8	3	1	4-6	4-6	4000	1	*
	Boscombe Down	997.1	+1.6	SSW	4	bc	47	85	7	5	3	-	4-6	4-6	2500	1	*
	Calshot (S'thmtn)	998.5	+1.4	SW	4	bc	51	75	7	8	3	-	1	4-6	1500	1	2
	Lympne	999.3	+.8	SSW	3	c/r	50	95	8	5	-	-	9+	9+	1500	1	§4
	Manston	998.7	-.4	SW'W	4	c/r	51	95	7	5	3	-	4-6	7-8	1500	1	*
2	Shoeburyness	998.2	+.8	SW	4	C	51	85	7	5	7	-	4-6	7-8	4000	1	*
	Felixstowe	997.3	+.4	SW'S	3	r.	50	95	7	5	2	8	4-6	9	1500	1	2
	Gorleston	996.1	+.4	S'W	4	C	52	95	6	9	-	-	7-8	7-8	2500	1	2
	Cranwell	995.1	+.4	S	3	b.	49	95	6	5	-	-	9+	9+	1500	1	*
3	Birmingham	995.3	+.8	SSW	3	bc	47	85	8	-	7	-	0	2-3	-	1	*
	Upper Heyford	996.0	+1.8	SSW	3	bc	46	95	7	5	1	-	4-6	4-6	1500	1	*
4	Ross-on-Wye	994.9	+1.0	S	3	bc	47	85	7	5	-	-	4-6	4-6	2500	1	*
5	Portland Bill	997.2	+.6	WSW	7	C	53	85	7	4	-	-	10	10	1500	1	5
	Plymouth	995.6	+.8	SSW	6	c/r	51	85	6	6	-	-	7-8	7-8	1500	1	4
	The Lizard	996.1	+1.6	SW	8	C	51	85	7	8	-	-	10	10	1500	1	5
	Scilly (St. Mary's)	993.2	+.8	WSW	8	c/d	51	85	6	8	7	-	7-8	9	2500	1	5
	Guernsey	1000.8	+2.2	W.S	7	c/pr	51	85	7	8	-	-	10	10	800	1	4
6	Pembroke	988.6	-.4	SW'S	6	c/r	51	95	7	5	-	-	9+	9+	2500	1	4
7	Holyhead	991.6	+.2	S'W	1	RR	49	95	5	6	-	-	10	10	800	1	2
	Chester (Sealand)	993.1	+.8	W'S	1	d.d.	50	95	6	6	2	-	7-8	10	1500	1	*
8	L'pool (Bidston)	992.7	0	S	3	RR	48	95	6	6	-	-	10	10	800	2	*
	Manchester	992.9	-.4	E	4	r.	48	95	5	6	2	-	9	10	800	2	*
9	Harrogate	995.0	-.6	NE	1	rF	46	95	1	5	-	-	10	10	<150	1	*
10	Spurn Head	994.3	-.6	-	0	c/r	48	95	6	5	2	-	4-6	9	1500	1	1
	Catterick	995.4	-.4	NNE	4	r.r.	47	95	4	-	2	-	10	10	800	1	*
	Tynemouth	997.2	+.4	NE	6	r.	45	95	6	6	-	-	10	10	1500	1	4
11	Inchkeith	1000.2	-.4	NE	8	0	42	95	8	6	-	-	10	10	2500	1	4
	Leuchars	1001.6	0	NNE	3	C	40	75	7	5	2	-	7-8	10	1500	1	*
12	Renfrew (Abbotsl)	1001.4	+.2	ENE	5	C	41	65	7	5	-	-	7-8	7-8	4000	1	*
	Eskdalemuir	998.7	+.2	NE'N	6	pr.	39	95	6	5	-	-	9+	9+	800	1	*
13A	Tiree	1001.2	+.2	NE	6	bc	41	65	9	5	-	-	4-6	4-6	4000	1	4
13B	Stornoway	1007.8	-.4	ENE	6	bc	41	65	8	3	7	-	4-6	4-6	1500	1	3
15	Dalwhinnie	1004.7	-.4	NE	3	bc	32	95	6	4	2	-	2-3	4-6	800	6	*
	Aberdeen	1004.1	-.2	NE	4	C	42	55	8	5	-	-	9+	9+	1500	1	3
	Wick	1006.4	-.6	NE	6	pr	42	75	8	9	1	-	4-6	7-8	1500	1	4
16	Lerwick	1007.9	-1.0	NE	5	pr	39	65	8	9	-	-	7-8	7-8	1500	1	*
17	Blacksod Point	995.7	+1.6	E	7	q	47	85	7	8	-	-	10	10	800	1	4
18	Malin Head	999.7	+1.0	ENE	6	C	45	85	7	8	-	-	10	10	1500	2	2
	Aldergrove	996.6	+.2	NE	5	C	44	75	8	5	-	-	7-8	7-8	1500	1	*
	Donaghadee	995.4	+.4	ESE	5	q	46	75	7	9	-	-	9	9	1500	0	3
19	Birr Castle	989.9	+.8	SE	4	c/pr	47	95	8	6	-	-	7-8	7-8	2500	1	*
20	Valentia Obsy.†	989.1	+1.0	NE'N	2	C	51	95	8	5	-	-	9	9	1500	1	0
	Roches Point	989.3	+1.6	SE	3	dd	50	95	5	5	-	-	10	10	800	1	4

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 4th Hrs. (36)
London (Kew)	54	51	47	7	3	0.0
Croydon	54	51	47	8	5	0.0
S. Farnborough	54	48	45	9	5	0.0
Boscombe Down	53	45	43	8	6	0.0
Calshot (S'thmtn)	54	50	46	7	3	0.0
Lympne	52	49	47	9	6	0.0
Manston	55	50	48	3	6	0.0
Shoeburyness	54	50	48	—4	3	0.0
Felixstowe	51	49	46	5	3	0.0
Gorleston	53	50	49	4	4	0.0
Cranwell	54	48	44	1	3	0.0
Birmingham	54	46	43	7	5	0.0
Upper Heyford	53	45	39	6	4	*
Ross-on-Wye	54	47	42	8	5	0.0
Portland Bill	56	51	*	4	5	*
Plymouth	55	49	46	6	4	0.0
The Lizard	54	49	*	7	1	*
Scilly (St. Mary's)	54	49	*	3	1	0.0
Guernsey	55	50	46	4	2	0.1
Pembroke	53	48	*	7	8	0.0
Holyhead	54	48	48	14	20	0.0
Chester (Sealand)	57	49	45	5	15	0.8
L'pool (Bidston)	54	47	47	6	21	0.5
Manchester	56	48	44	8	18	0.2
Harrogate	52	45	45	9	4	0.0
Spurn Head	52	47	*	3	4	0.0
Catterick	51	45	45	10	0.4	*
Tynemouth	49	45	44	14	2	0.0
Inchkeith	45	41	38	3	2	0.0
Leuchars	43	39	36	2	5	0.0
Renfrew (Abbotsl)	43	39	36	2	1	0.0
Eskdalemuir	44	38	37	13	4	0.0
Tiree	44	41	38	1	0.2	1.3
Stornoway	41	38	*	0.5	tr	0.0
Dalwhinnie	35	31	28	2	0.1	0.0
Aberdeen	43	40	39	1	—	*
Wick	42	39	*	1	0.6	2.8
Lerwick	38	35	*	0.6	0.6	*
Blacksod Point	50	45	*	3	0.2	0.0
Malin Head	47	42	*	12	5	0.0
Aldergrove	50	43	42	12	2	*
Donaghadee	52	45	*	18	1	*
Birr Castle	54	47	46	9	10	0.7
Valentia Obsy.†	54	48	42	5	2	0.6
Roches Point	53	49	*	3	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.	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	c.rr	c.r.c	cr.rbc	54	51	47	7	3	0.0	*	*	6
Croydon	217	c.d.d.rr	r.r.r.Dd	c.r.r.c.r.r.c	54	51	47	8	5	0.0			6
Greenwich (Royal Observatory)	149	rr	rr.d.c.r.	c.r.r.bc	54	49	45	6	3	0.0	95	84	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park)	27	*	*	*	57	50	46	8		0.0	93	83	*
Regents Pk. (Botanic Gardens) ‡	168	*	*	*	55	49	46	6	2	0.0	93	86	*
Camden Square	110	cr	c.r.c.r	*	55	50	44	6	3	*	*	83	*
Kensington	80	c.r.b.c	c.o.r.c.o	*	55	50	43	7	2	0.0	At 18h. 91.	85	*
Hampstead Observatory	450	o.r	c.o.r	o.r	54	46	41	7	3	0.0		92	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.5	18h-19h 4th	<0.3	23h 4th - 7h 5th

Kew Observatory. Max.	Time.	Min.	Time.
0.2	19h 4th	<0.1	0h - 6h 5th

FOREIGN OBSERVATIONS.

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

Stations.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1005.8	S.E'S	1	c/r	55
Brussels	1006.6	S	4	rr	52
Berlin	1011.6	W	1	m	50
Zürich	1017.1	SE	1	bc	48
Rome	1019.1	x	x	0	59

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

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1005.1	SSW	3	C	54
1002.8	SSW	4	r.r.	52
1006.0	SSE	3	d.	46
1016.4	W	1	PR	46
1016.5	SE	4	C	57

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
55	54	35	-
54	50	3	3
52	46	2	0.1
55	45	-	2
x	x	x	Tr

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, 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 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 6th December 1934.

No. 26677.

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

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)	999·0	-4	SW	4	c/pr.	53	75	8	5	3	·	4-6	9+	2500
	Croydon	1000·1	-2	SSW	4	c	53	75	6	5	3	·	7-8	9+	1500
	S. Farnborough	999·1	-6	SW'W	6	ir.	51	75	7	6	3	·	9+	9+	1500
	Boscombe Down	997·7	-4	SW'S	6	rr	48	95	6	6	·	·	10	10	800
	Calshot, S'thmtn	999·9	+2	SSW	6	ir.	52	75	6	6	2	·	7-8	10	1500
	Lympne	1001·8	-2	SW'S	6	bc/pr	53	75	7	9	·	·	4-6	4-6	2500
	Manston	1001·0	+2	SW	4	bc/pr	52	85	7	8	3	·	2-3	4-6	1500
2	Shoeburyness	1000·2	0	SW	4	c	52	75	7	5	3	·	4-6	7-8	2500
	Felixstowe	999·5	-2	SW	5	c	52	75	7	5	3	·	4-6	7-8	2500
	Gorleston	998·7	-2	SSW	4	c/pr.	52	85	6	8	·	·	9	9	2500
	Cranwell	996·5	-2	SSW	3	pr.	50	85	6	9	·	·	9+	9+	1500
3	Birmingham	996·7	-6	SSW	3	cjp	49	85	6	6	·	·	7-8	7-8	1500
	Upper Heyford	996·9	-6	SSW	4	r.r.	48	95	6	6	·	·	10	10	1500
4	Ross-on-Wye	994·9	-8	S'W	3	ir.	49	95	7	6	7	3	9	9+	2500
5	Portland Bill	997·8	0	WSW	7	id.	53	75	7	5	·	·	10	10	1500
	Plymouth	997·6	+10	SW'W	8	o/r	52	75	6	5	·	·	10	10	1500
	The Lizard	999·8	+12	WSW	8	c	51	95	7	8	2	·	9	10	2500
	Scilly (St. Mary's)	998·5	+24	W'S	8	c	52	85	6	8	7	·	7-8	9+	2500
	Guernsey	1003·0	+2	WSW	7	q	54	65	8	8	·	·	4-6	4-6	2500
6	Pembroke	993·1	+10	W'N	4	bc	52	85	7	7	8	·	2-3	4-6	5700
7	Holyhead	994·3	+14	ENE	3	c	50	85	8	8	8	3	4-6	7-8	2500
	Chester (Sealand)	995·4	+6	SE	1	dr	49	85	5	6	2	·	7-8	10	1500
8	L'pool (Bidston)	995·3	+6	SE'E	3	ir.	49	85	4	5	·	·	10	10	800
	Manchester	995·3	+2	NE	3	ir.	48	95	4	6	2	·	7-8	10	1500
9	Harrogate	995·7	+6	N	3	rr	43	95	6	6	·	·	10	10	1500
10	Spurn Head	995·4	+2	SW	4	bc	51	85	7	4	7	1	2-3	4-6	1500
	Catterick	997·2	+6	N'E	4	rr	43	95	6	·	2	·	10	10	450
	Tynemouth	998·7	+4	NE	6	ir	45	85	7	6	·	·	10	10	1500
11	Inchkeith	1002·0	+4	NE	7	ir.	41	85	8	8	2	·	4-6	9+	2500
12	Leuchars	1002·8	0	NNE	3	bc/pr.	40	85	8	8	6	1	4-6	4-6	1500
	Renfrew (Abbotsl.)	1001·8	+4	NE	5	c	41	65	9	5	·	·	9	9	4000
	Eskdalemuir	999·8	+4	NE'N	5	c	40	85	8	5	7	·	9	9+	1500
13A	Tiree	1003·8	+2	NE	5	b	43	65	9	4	4	·	1	1	5700
13B	Stornoway	1007·8	0	ENE	6	c	41	75	8	3	7	3	4-6	7-8	2500
15	Dalwhinnie	1005·4	+4	NE	2	bc	35	85	7	4	·	·	2-3	2-3	1500
	Aberdeen	1003·8	-4	N	3	bcjp	42	75	8	8	·	·	4-6	4-6	2500
	Wick	1006·4	-2	NE	6	q	45	65	8	9	6	·	4-6	7-8	1500
16	Lerwick	1007·0	-6	NE	5	cjp	40	85	8	8	·	·	7-8	7-8	1500
17	Blacksod Point	999·7	+18	E	5	c	46	85	8	·	7	·	0	9+	·
18	Malin Head	1001·6	+8	ENE	5	c	44	75	9	8	·	·	9+	9+	1500
	Aldergrove	999·4	+10	NE	5	c	43	86	8	5	7	·	7-8	9+	1500
	Donaghadee	998·7	+10	ESE	5	q	47	75	7	9	·	·	7-8	7-8	1500
19	Birr Castle	996·6	+28	SE	2	id	47	95	7	6	·	·	10	10	2500
20	Valentia Obsy.	996·2	+26	NE'E	2	c	50	95	8	5	·	·	9+	9+	800
	Roches Point	996·8	+34	NW	2	c	50	95	7	5	·	·	7-8	7-8	1500

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

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)
999·7	-10	WSW	5	bc	51	95	7	5	·	·	4-6	4-6	2500	1	*
1000·0	0	SW	5	r.r.	50	95	6	6	·	·	9+	9+	800	1	*
1000·2	+12	SW'W	5	bc/r.	50	95	7	6	·	·	4-6	4-6	800	1	*
1000·7	+34	W'S	4	r.r.	49	95	6	6	·	·	10	10	800	1	*
1001·5	+14	SW	6	ir.	52	86	7	6	2	·	7-8	10	1500	1	3
1001·8	-2	SW	5	c/r.	49	95	6	6	2	·	9	10	800	1	§5
1000·7	-6	SW	6	r.r.	49	95	7	6	·	·	10	10	800	1	*
999·3	-10	SW	5	rr	50	95	7	6	2	·	9+	10	800	1	*
999·1	-6	SSW	5	rr	48	95	6	5	·	·	10	10	800	1	3
999·1	0	SSW	4	r.r.	50	85	6	6	·	·	10	10	800	1	3
997·4	+12	NW'W	3	r.r.	46	95	6	6	·	·	10	10	800	1	*
999·1	+30	WNW	3	c	48	95	7	5	·	·	9+	9+	1500	1	*
999·0	+26	WSW	3	bc	46	95	7	5	·	·	4-6	4-6	1500	1	*
1000·2	+32	S	3	b	46	95	7	5	·	·	1	1	2500	1	*
1001·8	+30	W	7	id.	53	85	7	5	·	·	10	10	1500	1	6
1002·9	+40	WSW	6	c	52	85	6	5	·	·	9+	9+	1500	1	5
1003·9	+20	WSW	5	c/pr.	50	95	8	5	·	·	10	10	2500	1	4
1002·7	+22	WSW	3	cjp	50	95	6	8	2	·	4-6	10	2500	1	4
1005·5	+22	W	6	rr	52	95	6	6	·	·	10	10	1500	1	4
999·0	+42	NW	2	bc	50	95	7	5	·	·	2-3	2-3	5700	1	3
999·9	+38	ENE	5	c	47	85	7	5	7	·	7-8	9+	2500	1	3
1000·6	+40	NNE	2	c	46	85	6	5	·	·	10	10	1500	1	*
1000·8	+34	E	3	c	45	85	7	5	·	·	10	10	2500	2	*
999·2	+32	ENE	4	3.	45	75	6	5	3	·	7-8	9	1500	2	*
1000·5	+30	N	3	r.r.	41	95	5	6	·	·	10	10	2500	1	*
996·6	+4	·	0	c	48	95	7	·	2	·	0	10	·	1	1
1000·8	+18	N'W	3	ir.	41	85	6	6	·	·	4-6	4-6	2500	1	*
1001·5	+20	NE	5	ir.	46	85	7	6	·	·	10	10	1500	1	3
1003·5	+14	NE	6	bc	40	85	8	8	4	·	4-6	4-6	2500	0	3
1004·8	+12	N	2	c	39	85	8	5	7	·	4-6	7-8	2500	1	*
1004·3	+14	NE'E	3	b	37	75	8	·	·	·	0	0	·	1	*
1002·8	+22	NE'N	4	c	39	85	8	5	·	·	7-8	7-8	1500	1	*
1005·8	+12	NE	4	b	42	65	9	5	4	·	1	1	4000	0	3
1008·8	+6	ENE	5	c/PR	40	95	7	8	6	·	4-6	7-8	1500	1	3
·	+12	NNE	2	bc	34	95	6	4	·	·	2-3	2-3	800	6	·
1005·0	+10	N'W	3	c	42	75	8	8	·	·	9	9	2500	1	3
1006·5	+2	NE	6	pr.	45	65	8	9	1	·	4-6	7-8	1500	1	4
1007·5	+2	NE	6	bcjp	42	65	7	8	1	·	4-6	4-6	800	1	*
1000·8	+4	E	4	c	45	95	8	·	7	·	0	9+	·	0	4
1003·7	+12	ENE	6	c	45	85	9	4	·	·	7-8	7-8	2500	2	2
1002·7	+20	NE	4	c	43	85	7	5	7	·	7-8	9+	4000	1	*
1001·9	+12	ESE	4	c	46	75	7	5	·	·	9	9	1500	0	3
999·9	+12	SE	2	o	46	95	7	6	·	·	10	10	2500	1	*
997·2	+2	·	0	c	50	95	8	5	·	·	10	10	1500	1	3
999·8	+24	S	3	c	51	95	7	5	·	·	7-8	7-8	1500	1	5

PAST 24 HOURS. WEATHER.

7h.—13h. 5th (37)	13h.—18h. 5th (38)	18h. 5th to 1h. 6th (39)	1h.—7h. 6th (40)
cpr.	cr.cbc	bcb	cr.r.r.m.
bcepr.	pr.r.r.m.	cr.bcm.	cm.m.rrr
cpr.	orrq.r.c	bbc	rrr.rrrc
bccirrir.m	oirrir.	or.cr.	our.rr
bcprqir.	cirrqir.	cur.bcc	crrdrm.
cprq	cqcrr	cirq.cbcb	cd.rrff
cbcbcpr	bccr.r.	[illegible]	crr.r.
cbc	bccrr	or.bc	cr.r.
cir.cbc	ccrrRrrm	crrm.r.r.c	cr.r.m.
cpr.	or.r.	or.r.c	co
cpr.	prir.	cr.d.	crm.
cpr	cpr.	c	cpr.
cr.r.	cRR	bcf	frr.r.
cpbcr	r.cbc	bcc	cr
oid.	oid.	orr3.	aRR
cirm.	cr.m.	crm.orr	orrrm.r.d.
cpr.c	cpr.	cigrr	ifrro
cirq	cp.	dgrrp	cp.d.
cprq	bcqco	orr	orr
cbc	cbRc	bcldom.f	cidifc
r.ir.	c	cbbc	bcorm.
cim.d.r.	r.gcm.	cbcm.	bcor.m.
irom	rgc	c	co
rrmr.f	cirm.	cjr.m.	cr.m.
foRR	orr	r.ob	bcc
cbcp	cbc	pdcbc	cbc
orrm.	orrbcir.m.	bcur.r.m.	crm.bcc
prq	cirq	cir.bc	bc
cirq	cir.	bc	bcur.
cpr.bc	cpr.bc	bc	bcbx
c	cb	b	bxcxm.
d.d.c	id.bc	bcpr.	bcb
b	b	b	b
bcpr.c	cPR	cpr	cbc
bc	isbc	·	bcc
cybcpr.	bccpr.	cbc	~~bcb~~
pr.cq	cpr.q	cpr.q	cpr.q
cpr.s.	cbccpr.	bcpr.c	c
c	cq	c	cr
prcid	cid	oc	cprbc
c	c	crrcr.	prir.
cddc	c	cpbc	cPRc

orbeid.

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.
"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.

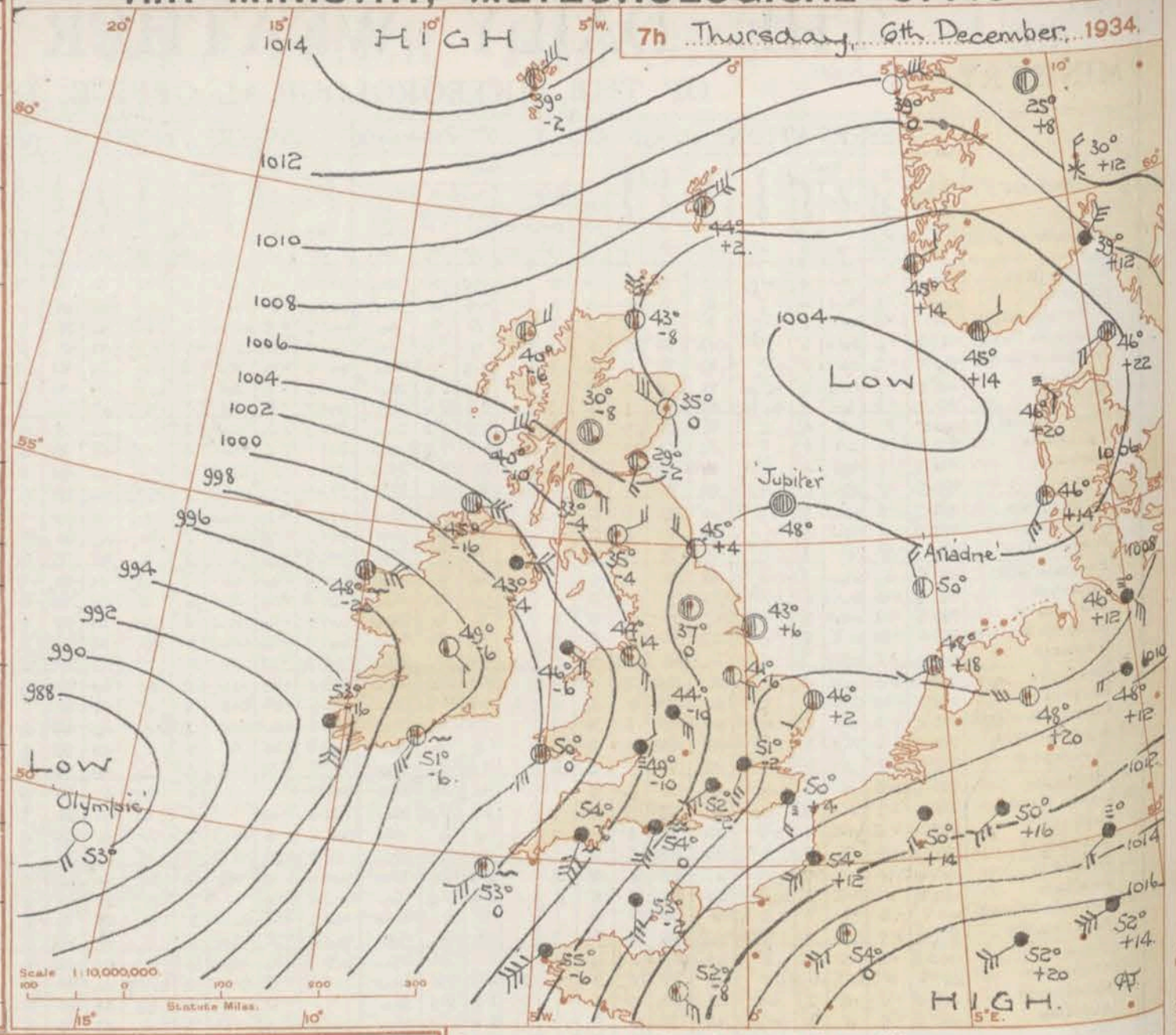
REPORTS from HEALTH RESORTS for Wednes. 5th December 1934

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.	beor	or	46	53	11	4	1·6
	Bournemouth	ober	oro	48	55	4	1	0·8
	Ventnor ...	orbbc	ouor	46	54	4	3	1·9
	Southsea ...	opbc	opo	48	54	3	2	1·0
	Bognor Regis	crbc	oir	48	54	8	2	1·3
	Littlehampton	bepbc	circ	49	54	8	2	1·4
	Worthing ...	cr bc	coir	49	54	8	1	1·3
	Brighton ...	cr or	[illegible] oc	50	55	7	2	1·4
	Eastbourne†	cpobec	cirr	50	54	6	3	1·5
	Hastings† ...	cpoc	cor	49	54	4	2	2·5
	Folkestone ...	becir	coir	50	54	4	2	2·6
	Dover... ...	beope	cbero	50	56	4	3	2·3
	Deal	[illegible] c	cecd	49	53	8	7	2·6
	Ramsgate ...	bcc	pc	51	54	4	0·3	2·5
	Margate ...	bep	beed	50	53	6	0·5	1·9
2	Southend ...	cbc	beorq	49	53	3	2	1·7
	Maldon ...	cbc	becor	50	53	3	1	2·3
	Clacton-on-Sea	cpbe	beer	49	51	2	0·2	2·1
	Dovercourt ...	roebe	berae	49	53	4	0·4	2·9
	Lowestoft ...	opre	beede	49	52	5	0·4	0·6
	Skegness ...	or	od	48	50	3	1	0·1
	Mablethorpe	co	or	47	49	2	1	[illegible] 1·1
	Cleethorpes ...	orge	bcc	48	52	4	Trace	1·1
3	Leamington S.	cop	po	46	51	3	2	0·0
4	Cheltenham†	cir	cirbc	46	53	6	5	0·0
5	Bath	crr	ircbc	47	53	6	3	0·2
	Weymouth ...	pcc	pcc	49	54	4	Trace	0·3
	Jersey ...	rabcc	berq	51	55	3	1	3·0
	Torquay ...	rpcqp	ordqc	49	52	10	2	0·0
	Penzance ...	cdede	c	50	53	10	Trace	0·0
	St. Ives ...	p	c	49	56	17	1	0·0
	Bude	irr	irr	50	52	6	15	0·0
	Ilfracombe ...	rr	rr	49	52	16	15	0·0
6	Aberystwyth	pre	cpr	47	54	2	2	0·1
7	Llandudno ...	cpc	cqc	48	50	9	Trace	0·0
	Colwyn Bay...	rac	cbedd	48	50	7	-	0·0
	Rhyl	crc	c	48	51	11	0·1	0·0
8	Wallasey ...	repc	cpc	48	52	19	0·6	0·0
	Southport‖ ...	ro	oco	47	49	12	2	0·0
	Blackpool ...	R	oc	47	48	8	8	0·0
	Morecambe ...	crorr	ror	47	48	3	5	0·0
9	Ilkley... ...	roro	roro	45	48	2	11	0·0
10	Berwick-on-T.	or	PRbe	43	45	13	0·6	0·0
11	Dunbar ...	crr	cp	42	46	8	1	0·0
12	Troon... ...	cbec	corc	38	43	1	0·6	0·4
	Douglas ...	oRR	circb	43	45	7	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.

7h Thursday, 6th December, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 6th December, 1934.
1. S.E. England ↓ 2. E. England... ↓ 3. E. Midlands 4. W. Midlands 5. S.W. England ↓	Moderate or fresh southerly wind, stronger later, perhaps gale on coast; dull, considerable rainy periods; very mild.
6. South Wales 7. North Wales	Moderate or fresh southerly wind; cloudy, rain at times; very mild.
8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light or moderate or fresh east to southeast wind, veering somewhat; dull, some rain; becoming milder.
13. { A. W. Scotld. B. N.W. Scotland } 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Light to moderate or fresh east wind; fair at first, apart from local showers; rain later; rather cold.
17. N.W. Ireland 18. N.E. Ireland	Wind veering towards south and moderating; cloudy, rain at times; milder.
19. S.E. Ireland 20. S.W. Ireland	As 5 - 6.

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 3/10 to 7/10 clouded. ◕ Sky 7/10 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet ▲ Hail ≡ Fog. ≡ Mist. T Thunder. K Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A depression off Southwest Ireland is moving slowly northeast. A secondary off Corunna will move northeast and probably deepen. Rain will spread to all districts.

FURTHER OUTLOOK.

Rain at times. mild.

Time of issue of Gale Warnings.

↓ South Cone at 1430 on 4th in district 5.
↓ South Cone at 1420 on 5th in districts 1 and 2.

Forecasts issued at 10.10 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

H.M. Stationery Office House Kingsway W.C.2

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

Morning of
THURSDAY,
6th DECEMBER,
1934.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 6th December 1934.

No. 26677

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

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)	°F. Temp. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1006·5	+1·8	SW	2	c	47	95	6	S	7	-	Tr	7·8	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1007·3	+2·6	WSW	3	bc	48	95	8	S	-	-	2·3	2·3	1500
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1003·9	+2·0	WSW	3	c	47	95	6	S	-	-	10	10	2500
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1005·2	+1·0	SW	4	rr	52	95	6	6	-	-	10	10	800
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1004·3	0	SW	7	c/r	54	95	6	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	1002·0	0	SW'W	6	c	54	95	6	9	-	-	10	10	1500
	Guernsey ...	175	1007·4	+6	WSW	7	o/r	56	95	6	5	-	-	10	10	1500
6	Pembroke ...	142		-6	SE'S	3	d.d.	50	95	6	5	-	-	10	10	1500
7	Holyhead ...	26	1002·8	+2	E	3	bc	46	95	6	5	-	-	4·6	4·6	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1003·7	+1·0	NE	1	bc	45	95	8	-	2	-	0	4·6	-
	Catterick ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1004·7	+1·8	NW	3	bc	41	85	7	2	-	-	4·6	4·6	2500
11	Inchkeith ...	190	1006·3	+1·6	NE	4	bc	42	75	8	5	6	-	4·6	4·6	4000
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1009·2	0	ENE	3	c	42	75	7	8	6	-	4·6	7·8	1500
15	Dalwhinnie ...	1178	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1007·9	+4	NNE	6	pr	43	75	8	9	1	-	4·6	7·8	1500
16	Lerwick ...	156	1007·7	-2	NE	6	c	42	75	9	5	-	-	7·8	7·8	1500
17	Blacksod Point	18	999·1	-2·0	E	4	c	45	95	8	-	7	-	0	9+	-
18	Malin Head ...	52	1004·2	-1·6	E	6	c	45	85	9	4	-	-	9	9	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	995·6	-1·6	S'E	3	RR	50	95	7	6	-	-	10	10	800
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1006·9	0	ESE	1	c	49	95	5	6	-	-	10	10	1500	1	*
1007·3	-2	S'W	3	c	51	95	6	4	2	-	9	10	1500	1	*
1006·7	-2	SW	4	r	52	95	5	6	-	-	10	10	800	1	*
1005·3	-4	S'W	4	r	53	95	6	6	-	-	10	10	800	1	*
1006·4	+4	SSW	4	r	53	95	6	6	2	-	4·6	10	1500	1	2
1008·9	+4	S	2	df	50	95	3	6	-	-	10	10	800	1	§3
1008·4	+4	SSE	2	c	49	95	7	6	-	-	10	10	800	1	*
1008·0	+4	SE	2	c	48	95	6	6	-	-	10	10	2500	1	*
1008·5	+3	SE'S	1	c	46	95	6	6	-	-	10	10	1500	1	2
1009·2	+10	SW	1	o	46	95	6	6	-	-	10	10	1500	1	2
1006·2	-6	ESE	2	3c	41	95	6	5	7	6	2·3	9+	5700	1	*
1005·0	-10	SE	3	c	44	95	6	6	-	-	10	10	1500	1	*
1005·7	-6	E'S	2	rf	46	95	2	5	-	-	10	10	450	1	*
1003·6	-10	NE	1	rf	49	95	2	6	-	-	10	10	1500	1	*
1005·8	0	SSW	5	RR	54	95	6	6	-	-	10	10	800	2	6
1003·1	-6	S'W	6	r	54	95	6	6	-	-	9+	9+	1500	1	4
1002·7	0	S&W	5	o	53	95	7	5	-	-	10	10	2500	1	4
1001·2	0	SW	4	c	53	95	7	8	2	-	4·6	7·8	2500	1	4
1007·4	-2	S	4	rr	53	95	7	6	-	-	10	10	1500	1	3
999·4	0	SW	3	c/d	50	95	6	5	-	-	10	10	1500	1	3
1000·6	-6	ESE	2	r	46	95	5	5	-	-	10	10	800	1	2
1004·0	-1·4	SE'E	2	c	44	95	6	5	-	-	10	10	1500	1	*
1003·5	-1·0	SSE	4	o	43	95	6	5	-	-	10	10	2500	1	*
1004·1	-1·6	SE	4	3c	44	95	6	5	-	-	10	10	2500	1	*
1008·2	0	-	0	c	37	95	7	-	2	-	0	9+	-	1	*
1006·4	+6	-	0	c	43	95	6	5	7	-	2·3	7·8	1500	1	1
1006·2	-2	-	0	c	34	95	7	5	7	-	4·6	7·8	4000	1	*
1005·4	+4	NW	2	bc	45	95	7	2	-	-	4·6	4·6	2500	1	3
1006·3	-4	NNE	3	bc	40	95	8	8	-	-	4·6	4·6	1500	1	3
1006·5	-2	SSW	2	b	29	95	8	7	4	-	1	2·3	2500	1	*
1005·7	-4	E'S	2	3o	33	95	6	5	-	-	9	9	4000	1	*
1005·7	-4	ENE	2	bc	35	95	8	5	-	-	2·3	2·3	1500	1	*
1004·8	-1·0	ENE	4	b	40	75	9	-	5	-	0	1	-	0	2
1007·7	-6	ENE	2	bc	40	75	8	5	-	-	4·6	4·6	1500	1	1
	-8	-	0	c	30	95	7	4	6	-	7·8	9	1500	5	*
1006·0	0	NW'W	3	b	35	95	8	-	-	-	0	0	-	1	2
1006·0	-8	N	5	c/pr	43	85	8	9	1	-	7·8	9	1500	1	3
1008·0	+2	NE	5	c/p	44	65	8	8	1	-	7·8	9+	800	0	*
996·5	-2·0	E	5	9	48	95	7	5	-	-	10	10	800	1	4
1000·4	-1·6	E	6	c/pr	45	95	7	9	-	-	10	10	1500	1	2
1002·0	-4	E	5	RR	43	95	6	6	-	-	10	10	450	1	*
1002·3	-1·0	SE	5	c/p	40	85	7	5	-	-	9+	9+	800	0	3
997·1	-6	SE	1	bc	49	95	8	5	-	-	2·3	2·3	2500	1	*
993·5	-7·6	S'E	5	c	53	95	7	6	-	-	10	10	1500	1	3
998·3	-6	SW	3	c	51	95	7	6	-	-	9	9	1500	1	4

PAST 24 HOURS.

Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 5th Hrs. (36)
53	45	36	3	4	1·0
53	47	41	4	4	0·8
52	43	32	4	5	1·3
51	45	44	5	7	0·1
55	49	46	3	5	0·9
53	47	44	2	5	2·1
53	46	43	1	1	2·5
53	45	39	3	1	1·9
52	44	41	5	1	2·6
52	45	43	1	1	0·2
51	41	39	0·4	0·1	1·1
49	42	42	0·3	0·2	0·2
52	42	34	4	1	*
50	43	34	4	5	0·7
55	51	*	0·2	14	*
53	48	48	1	15	0·0
52	49	*	0·1	10	*
53	50	*	0·1	13	0·0
55	52	51	1	20	2·3
53	48	*	1	65	3·3
51	44	41	1	2	1·0
50	38	29	1	0·1	0·1
50	41	38	1	-	0·0
50	40	33	2	0·1	0·0
47	36	30	38	Tr	0·0
52	42	*	0·5	Tr	1·0
47	34	28	18	Tr	0·0
46	(41)	36	5	0·3	*
43	40	38	Tr	Tr	0·0
40	29	20	0·2	-	0·1
42	27	21	-	-	0·4
40	34	30	0·2	Tr	0·0
-	-	-	-	-	5·6
43	38	32	-	-	2·1
43	40	*	1	1	3·5
35	30	26	Tr.	-	1·7
42	34	31	0·2	-	*
45	41	*	0·2	1	2·0
42	40	*	1	Tr	*
(46)	43	*	-	4	*
45	43	*	-	0·2	0·9
45	37	35	Tr.	4	0·0
47	(39)	*	0·2	-	*
48	45	44	3	2	0·0
52	50	47	-	7	0·2
51	49	*	2	6	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon. (24 hrs. ended 9h.)	Weather Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day mm.	Rainfall. Night mm.	Sunshine to Sunset, hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	cpr.	cr, cbc	bcbrc,r,m	53	45	36	3	4	1·0	*	*	6
Croydon	217	bcpr.	pr,r,rrr	cr,rbcrr	53	47	41	4	4	0·8	*	*	6
Greenwich (Royal Observatory) ...	149	c	crc.	cbcrrcr	53	46	41	4	4	1·1	89	95	6
City (Bunhill Row)	—									0·3	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	55	48	39			0·4	90	96	*
Regents Pk. (Botanic Gardens) ‡...	168	*	*	*	55	46	44	5	6	0·2	93	100	*
Camden Square	110	c	crc	*	53	47	40	5	7	*	*	97	*
Kensington	80	bcpcr	ccrc	*	54	46	38	4	5	0·6	At 18h. 94	95	*
Hampstead Observatory	450	c	cr	bcr	51	44	38	5	7	0·0	*	99	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·3	19h. 23½ 5th	0·3	0h. 7h. 6th

Kew Observatory. Max.	Time.	Min.	Time.
0·2	21h. 5th.	0·1	5h. 6th.

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 5th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 6th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1010·1	SSW	4	c	54	1014·2	SSW	4	c	54	57	54	Tr	2
Brussels	1006·8	SSW	4	c	50	1010·8	SW	2	rr	50	54	48	1	2
Berlin	1007·4	SSW	3	c	52	1011·0	SSW	2	cr	45	54	43	0·3	0·2
Zürich	1013·8	WSW	4	c/r	52	1022·7	WSW	4	c	54	55	52	2	0·2
Rome	1015·4	SE	4	o	63								-	

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.
Objects not visible at

0	Dense fog	55	yards.
1	Thick fog	220	,,
2	Fog	550	,,
3	Moderate fog	1,100	,,
4	Mist or haze	1¼	miles.
5	Poor visibility	2½	,,
6	Moderate ,,	6½	,,
7	Good ,,	12½	,,
8	Very good ,,	31	,,
9	Excellent ,,	beyond 31m.	

COLUMN 30.—Code for State of Sea.

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

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.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† The observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 7th December 1934.

No. 26678

OBSERVATIONS at 13h. G.M.T. 6th 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)	1006·4	0	SSW	3	$r_o r_o$	54	95	6	6	–	–	10	10	1500
	Croydon	1007·3	-6	S'W	4	$i r_o$	53	95	6	6	–	–	9+	9+	800
	S. Farnborough	1006·1	-10	S	3	rr	53	95	5	6	–	–	10	10	800
	Boscombe Down	1004·7	-10	S'W	4	rr	53	95	6	6	–	–	10	10	450
	Calshot, S'thmtn	1006·4	-6	S	6	rr	53	95	5	6	2	–	9	10	450
	Lympne	1009·1	-14	SSW	4	$i r_o$	52	95	7	–	2	–	10	10	2500
	Manston	1008·5	-8	S	4	c	54	85	7	6	2	–	7·8	10	800
2	Shoeburyness	1007·6	-8	SW	3	r	53	95	7	5	–	–	10	10	800
	Felixstowe	1007·5	-10	SW/S	4	$r_o r_o$	52	95	6	–	2	–	10	10	800
	Gorleston	1007·0	-18	S'W	3	o/r	48	95	6	6	–	–	10	10	1500
	Cranwell	1004·8	-20	ESE	2	d f	45	95	2	5	–	–	10	10	220
3	Birmingham	1003·6	-6	SW	3	c	52	95	6	6	2	–	4·6	10	1500
	Upper Heyford	1004·7	-4	S'W	4	id_o	54	95	7	5	2	–	7·8	10	800
4	Ross-on-Wye	1002·8	-4	S'W	2	$i r_o$	55	95	6	6	–	–	10	10	2500
5	Portland Bill	1004·7	-8	S	6	rr	53	95	6	6	–	–	10	10	800
	Plymouth	1002·3	-22	SSE	5	ir	54	95	6	5	2	–	7·8	10	450
	The Lizard	1001·2	-10	S'W	4	pr	53	95	5	5	–	–	10	10	1500
	Scilly (St. Mary's)	999·1	-10	SW/S	4	o	53	95	6	5	–	–	10	10	1500
	Guernsey	1006·5	-10	S	6	o/r	54	95	6	5	–	–	10	10	2500
6	Pembroke	999·6	-10	SSW	3	id_o	52	95	6	5	–	–	10	10	1500
7	Holyhead	1000·2	-4	S'E	3	id_o	52	95	6	5	–	–	10	10	220
	Chester (Sealand)	1002·7	-12	SE'S	3	m	47	95	4	5	–	–	10	10	450
8	L'pool (Bidston)	1002·4	-8	SSE	3	c	47	95	5	5	–	–	10	10	1500
	Manchester	1003·0	-14	ESE	3	dr f	47	95	3	5	–	–	10	10	1500
9	Harrogate	1005·1	-6	–	0	d F	39	95	1	5	–	–	10	10	<150
10	Spurn Head	1004·7	-6	SSE	4	DDm	46	95	4	6	–	–	10	10	800
	Catterick	1005·1	-20	–	0	$r_o r_o$	39	95	4	–	2	–	10	10	800
	Tynemouth	1005·2	-16	S	2	c	44	95	6	6	–	–	9	9	1500
11	Inchkeith	1005·6	-4	SE	2	c	43	95	8	8	1	–	4·6	9+	1500
12	Leuchars	1005·3	-10	W	1	c	37	95	6	5	2	–	9	10	2500
	Renfrew (Abbotsl.)	1003·5	-18	NE'E	4	m	41	85	4	5	–	–	10	10	4000
	Eskdalemuir	1003·8	-20	NNE	3	$i r_o$	38	95	7	6	2	–	9	10	800
13A	Tiree	1001·6	-16	E	5	c	43	75	9	5	5	–	4·6	7·8	2500
13B	Stornoway	1004·9	-20	ESE	3	bc	43	75	9	5	–	–	4·6	4·6	1500
15	Dalwhinnie	*	-10	–	0	c	37	75	8	5	5	–	4·6	9	2500
	Aberdeen	1006·0	-8	NW	1	fs	39	85	5	5	–	–	7·8	7·8	5700
16	Lerwick	1006·3	-4	ESE	4	c	46	75	8	8	7	8	4·6	7·8	1500
17	Blacksod Point	1007·9	-6	E'N	4	c/pr	44	75	8	8	7	–	4·6	9	1500
18	Malin Head	992·9	-22	S	6	cq	54	85	8	9	–	–	10	10	800
	Aldergrove	997·8	-12	E	5	c/pr	46	95	7	9	–	–	9+	9+	800
	Donaghadee	999·8	-18	E	4	id_o	46	95	6	5	–	–	10	10	800
19	Birr Castle	1000·0	-6	SE	5	cq	48	95	7	9	–	–	9	9	1500
20	Valentia Obsy.	996·5	-8	S	2	c	55	85	8	5	–	–	7·8	7·8	2500
	Roches Point	993·0	-10	S'E	5	bc	54	95	8	8	–	1	4·6	4·6	1500
		997·7	-12	SW	4	o	53	95	6	5	–	–	10	10	800

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1004·6	-12	S	4	$r_o r_o$	52	95	6	–	2	–	10	10	1500	1	*
1005·3	-10	SSE	4	rr	52	95	5	6	2	–	9+	10	1500	2	.
1004·0	-16	S	3	rr	52	95	5	6	2	–	9+	10	800	1	.
1001·2	-20	S'E	5	rr	52	95	5	6	–	–	10	10	220	2	.
1003·9	-6	SSE	6	rr	53	95	5	6	2	–	9	10	800	1	3
1007·8	-10	S	4	ir	52	85	6	–	2	–	10	10	4000	1	§ 2
1007·1	-8	S'E	4	c	53	85	7	5	–	–	7·8	7·8	4000	1	*
1006·4	-10	S	3	c/r	51	95	8	5	2	–	9	10	1500	1	*
1006·7	-10	SSW	4	$r_o r_o$	50	95	6	6	–	–	10	10	800	1	3
1005·8	-8	S'E	4	$r_o r_o$	51	95	6	6	–	–	10	10	800	1	2
1003·3	-6	SE'S	3	3o	51	95	6	5	–	–	4·6	4·6	2500	1	*
1002·5	-4	SSW	2	ir	52	95	6	6	–	–	10	10	800	1	*
1003·0	-14	S	3	$r_o r_o$	51	95	5	6	–	–	10	10	220	1	*
1000·4	-12	SW	1	$r_o r_o$	53	95	6	6	–	–	10	10	1500	1	*
1001·8	-8	SSW	6	RR	53	95	6	6	–	–	10	10	800	2	6
1001·0	+4	SSW	4	$i r_o$	53	95	6	6	2	–	7·8	10	800	1	3
1000·8	-2	SSW	6	rr	52	95	6	5	–	–	10	10	2500	2	4
999·0	-4	SW	5	c/pr	52	95	7	8	–	–	9+	9+	1500	1	4
1004·5	-2	SSW	6	ir	54	95	7	6	–	–	10	10	1500	2	4
998·5	-4	SSW	4	c	53	95	6	5	–	–	10	10	800	1	3
998·7	-10	SE'E	1	c	51	95	6	5	7	–	4·6	10	800	1	2
1001·1	-10	SE	2	f	47	95	3	5	–	–	10	10	<150	1	*
1000·8	-10	S'E	4	m	48	95	4	5	–	–	10	10	800	1	*
1001·2	-14	E	2	f	48	95	2	5	–	–	10	10	<150	1	*
1003·6	-6	–	0	d F	41	95	1	5	–	–	10	10	<150	1	*
1003·1	-2	–	0	c	50	95	6	5	2	–	4·6	7·8	1500	1	1
1003·4	-8	N'W	1	$r_o r_o$	41	95	4	–	2	–	10	10	800	1	*
1004·1	-4	SSE	3	o	46	95	7	6	–	–	10	10	1500	1	2
1004·2	-10	E	2	o	43	85	7	5	–	–	10	10	1500	1	1
1004·3	-10	E	2	c	44	85	7	5	2	–	7·8	10	2500	1	*
1001·7	0	ENE	3	3o	43	85	5	5	–	–	10	10	4000	1	*
1003·1	-2	NE	3	m	40	95	4	5	–	–	10	10	<150	1	*
999·4	-2	E'S	5	c	45	85	8	5	–	–	7·8	7·8	2500	0	3
1002·3	-8	SE	4	bc	43	75	8	5	–	–	2·3	2·3	1500	1	2
1005·1	-4	SW	2	c	37	85	6	3	6	–	4·6	10	800	1	
1005·3	-2	NW	1	fs	38	95	4	5	–	–	10	10	2500	1	1
1005·9	-8	ESE	3	c	46	85	8	8	1	–	7·8	9+	1500	1	3
1007·1	-4	E'N	4	c	44	75	8	8	–	–	7·8	7·8	1500	0	
992·8	-2	S	3	c	51	95	7	8	–	–	9+	9+	800	1	3
996·4	0	E	4	3o	48	95	6	8	–	–	10	10	800	1	1
998·8	+2	SE'E	3	c	51	95	6	5	3	–	9	9	800	1	
998·4	-4	SSE	3	c	50	95	7	5	–	–	9+	9+	800	1	2
995·7	0	SSE	1	c	52	95	7	5	–	–	7·8	7·8	2500	1	*
992·1	-4	S'E	5	c/pr	53	95	8	5	–	–	10	10	1500	1	3
996·7	-2	S	4	id_o	52	95	6	5	–	–	10	10	800	1	4

PAST 24 HOURS.

Weather. 7h.–13h. 6th (37)	Weather. 13h.–18h. 6th (38)	Weather. 18h. 6th to 1h. 7th (39)	Weather. 1h.–7h. 7th (40)
crr$_o$r$_o$	cr$_o$r$_o$	orrm$_o$r$_o$	ebc crc
om$_o$rrrdd	crr$_o$rrm$_o$	rrr$_o$irm$_o$	orbr$_o$m$_o$
rDmrr	rr$_o$ro	rrr$_o$o	cr$_o$bd$_o$
orrm$_o$	orrm$_o$	orr	or$_o$bcc
cr$_o$rr	crrm$_o$	cfrm$_o$qir	cr$_o$qrcr
orf$_o$ir$_o$	cir$_o$ir	cirrrc	cbcci$_o$
cr$_o$r$_o$c	c	erre	r$_o$bc
cr$_o$mcr	cir	crr	cbc
cr$_o$rm$_o$	or$_o$r$_o$m$_o$	or$_o$rrrm$_o$	or$_o$m$_o$m$_o$
odfr$_o$	orr	orrq	or$_o$bc
cofrr	of$_o$d$_o$c	bcorr	cm$_o$b
cir	cpr$_o$	orrc	cbcc
frddd$_o$	ddrrr$_o$	RR	cr$_o$bc
frcor	r$_o$cor	Rrcc$_o$	cbcc
oRrr	orr R	orrc	bcc
orrm$_o$ir	orrcr$_o$m$_o$	cir$_o$m$_o$r	cprbc
opr$_o$m	orrro	orq	pr$_o$bc
cod$_o$m	oim$_o$cp	cbcp$_o$d	cbcb
oir$_o$	oir	bccp$_o$	bccir
cm$_o$id$_o$c	cm$_o$r$_o$id$_o$c	cqir$_o$	cqir$_o$
r$_o$r$_o$o	id$_o$c	irom$_o$c	cr$_o$r$_o$
ir$_o$d$_o$m$_o$	oFf	fr$_o$r$_o$m	r$_o$bcm$_o$
ir$_o$om$_o$	om$_o$	ofirr	rr$_o$bc
d$_o$r f	ord f f	ffrr	r$_o$r$_o$bc
coFrd	FFdd	Fdrir	fmedd
ddmo	rrc	frro	oirc
m$_o$r$_o$rrm	d$_o$d$_o$mrr	dr$_o$Rm	oRRom
bcfff$_o$	d$_o$d$_o$o	oir$_o$ff	oir$_o$ff
cir$_o$	co	o	oidid
bxbcc	cm$_o$c	er$_o$	er$_o$c
cm$_o$oj	oc3j$_o$	g$_o$r$_o$c	om$_o$r$_o$r$_o$
r$_o$r$_o$3r$_o$	cir$_o$	cm$_o$	circ
bc	c	c	bc
bc	bc	bcc	cbcpr$_o$
bcc	c	*	bcc
bcpr$_o$m$_o$	bccmw	com	om
cpr$_o$c	cprc	c	c
cpr$_o$	c	cpr$_o$	cirm$_o$
iRcq	iR	rr	rr
cpr$_o$	cpr$_o$	3	3
cid$_o$id$_o$	cm$_o$	cod$_o$	od c
ir$_o$cq	cir$_o$c	cid$_o$q	cid$_o$c
bcc	c	c	cbc
ir$_o$pr$_o$bc	cpr$_o$prc	cpr$_o$pr	cbc
com$_o$	coid$_o$	circ	cbcb

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, 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. "t r" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ of the sky. "9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

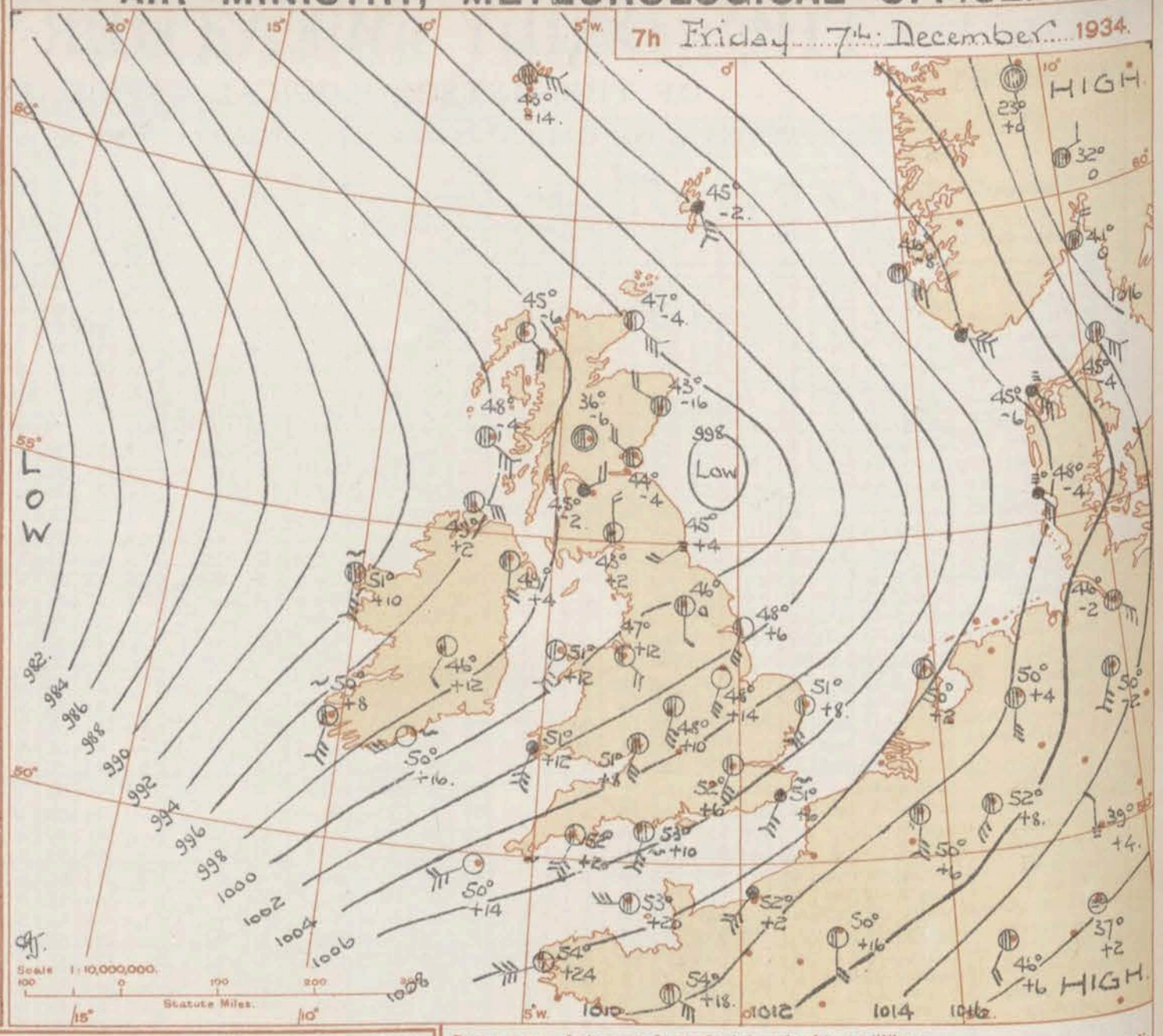
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 6th December 1934

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 5th to 9h. 6th	Temperature. Max. 9h.—17h. 6th	Rainfall. Night. 17h. 5th to 9h. 6th	Rainfall. Day. 9h.—17h. 6th	Sunshine. Sunrise to Sunset. 5th
1	Tunbridge W.	oro	oro	47	53	5	3	0·0
	Bournemouth	r	r	48	54	8	9	0·0
	Ventnor ...	owr	or	49	53	12	7	0·0
	Southsea ...	orr	or	50	55	10	7	0·0
	Bognor Regis	crr	oir	51	54	9	6	0·0
	Littlehampton	circ	crr	50	54	710	4	0·0
	Worthing ...	cor	rr	50	54	11	3	0·0
	Brighton ...	orcorc	orcr	50	55	9	2	0·1
	Eastbourne†	or₀o	or₀orr	51	55	9	1	0·0
	Hastings† ...	o|poc	cod₀o	50	54	9	0·5	0·0
	Folkestone ...	omir	oir	49	54	6	1	0·0
	Dover... ...	rc₀	oir	50	55	7	0·1	0·0
	Deal	id	o	48	56	7	0·3	0·0
	Ramsgate ...	odc	c	48	55	1	0·2	0·2
	Margate ...	c	c	48	55	1	–	0·0
2	Southend ...	or	or	46	52	3	0·4	0·0
	Maldon ...	ro	oir	44	55	6	2	0·0
	Clacton-on-Sea	ormdc	cp	45	51	6	0·4	0·0
	Dovercourt ...	roc	roc	44	54	7	0·3	0·0
	Lowestoft ...	cirro	copr	44	54	2	3	0·0
	Skegness ...	oro	oro	41	51	0·3	2	0·0
	Mablethorpe	or	or	42	51	1	2	0·0
	Cleethorpes ...	o	odro	39	49	–	3	0·0
3	Leamington S.	o	copr	43	54	2	1	0·0
4	Cheltenham†	omirc	oir	42	56	3	3	0·0
5	Bath	crr	rr	49	57	8	8	0·0
	Weymouth ...	rr₀	irr	51	55	12	7	0·0
	Jersey ...	rc	crr	51	55	14	2	0·0
	Torquay ...	orrom	ork p	49	56	11	10	0·0
	Penzance ...	cid	cdcrr	49	54	13	5	0·0
	St. Ives ...	pr	pr	49	55	9	3	0·0
	Bude	cd	rdc	45	56	9	1·4	0·0
	Ilfracombe ...	or	or	49	57	10	4	0·0
6	Aberystwyth	c	c	46	55	1	–	0·0
7	Llandudno ...	c	cd₀c	42	53	2	Trace	0·0
	Colwyn Bay...	oco	o	45	53	1	–	0·0
	Rhyl	cm₀	cm₀	45	52	1	–	0·0
8	Wallasey ...	o	o	44	49	Trace	–	0·0
	Southport‖ ...	ro	o	41	48	3	1	0·0
	Blackpool ...	oro	o	40	46	3	0·2	0·0
	Morecambe ...	crov	dco	40	47	4	0·3	0·0
9	Ilkley... ...	om₀ro	od m₀	36	46	1	1	0·0
10	Berwick-on-T.	bco	o	37	45	1	–	0·0
11	Dunbar ...	cbc	cpm₀	42	44	3	0·3	0·0
12	Troon... ...	croc	coc	35	45	–	1	0·0
	Douglas ...	oirm₀	oir§§	42	48	5	3	0·0

† 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. 7th December, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate southwest wind, backing and increasing later; bright intervals and local showers at first, general rain spreading northeast later; very mild.
5. S.W. England † 6. South Wales †	Wind between south and southwest, fresh or strong, a gale at times on exposed parts of the coast; cloudy, rain at times; very mild.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	As 1 - 4.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light variable or southwest wind, backing southeast and freshening later; cloudy, perhaps bright intervals; local showers at first, probably rain tomorrow; mild.
13. {A.W. Scotld. B.N.W. Scotland} 14. Mid Scotland	Light or moderate southeast wind, freshening later; variable cloud, local showers, perhaps rain tomorrow; mild.
15. N.E. Scotland 16. Orkneys and Shetlands.	Wind mainly southeast, light or moderate, freshening later; cloudy, occasional rain locally; mild.
17. N.W. Ireland 18. N.E. Ireland	Wind backing southeast and freshening; cloud increasing, rain spreading northeast; mild.
19. S.E. Ireland † 20. S.W. Ireland	As 5 - 6.

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

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◎ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ○Clear sky. ◔Sky less than 3/10 clouded. ◑Sky 3/10 to 5/10 clouded. ◕Sky 7/10 to 9/10 clouded. ●Overcast sky. ●Rain falling. ✳Snow. ✳Sleet ▲Hail ≡Fog. ≡°Mist. TThunder. KThunderstorm. ∞Slight haze.
SEA DISTURBANCE.~~Rough. ≈≈High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is very low in Mid-Atlantic, and further secondary disturbances will move northeast over the British Isles. There will be bright intervals in most districts at first but general rain will spread northeast later.

FURTHER OUTLOOK.

Rain at times; mild.

Time of issue of Gale Warning.

† South Cone hoisted at 0835 on 7th in districts 5, 6, 19 (part of) and 20.

Forecasts issued at 1015 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

Morning of
FRIDAY,
7th DECEMBER,
1934.

Clarke's Projection Scale 1:4×10⁷ along meridian at 55°N.
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 7th December 1934.

No. 26678

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1004.5	0	SSW	4	c/r	53	85	7	5	2	-	7-8	10	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1006.0	-2	SSW	5	c	51	95	7	5	-	-	10	10	800
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1004.1	-4	S	5	r.g.	51	95	7	6	-	-	10	10	800
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1002.1	+2	WSW	5	bc	53	95	7	4	-	-	4.6	4.6	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1001.7	+4	SSW	5	c	53	95	7	5	-	-	9	9	2500
	Scilly (St. Mary's)	163	1000.8	+8	SW'W	4	c/d	51	95	6	5	6	-	4.6	7.8	2500
	Guernsey	175	1004.9	0	SSW	4	bc	54	95	7	8	-	-	4.6	4.6	2500
6	Pembroke	142	997.6	+2	SW	5	ir.	52	95	7	8	-	-	7.8	7.8	2500
7	Holyhead	26	997.5	-4	S	3	ir.	51	95	6	6	2	-	7.8	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	998.7	-10	SW	5	rr	51	95	7	6	-	-	10	10	1500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	999.3	-14	N	1	ir.s	47	95	3	6	-	-	10	10	1500
11	Inchkeith	190	1001.1	-12	E	1	0	45	95	7	5	2	-	4.6	10	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	999.0	-16	SE	1	c	44	75	7	5	6	-	7.8	9	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1001.8	-8	SSE	4	c	46	85	8	5	2	-	7.8	10	1500
16	Lerwick	156	1005.3	-6	ESE	4	c	45	95	8	8	2	-	4.6	9+	1500
17	Blacksod Point	18	992.9	+2	S	4	rr	50	95	7	6	-	-	10	10	800
18	Malin Head	52	995.4	-4	E	3	3o	49	95	6	8	-	-	10	10	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	994.1	+10	S'E	5	c/r	51	95	7	6	-	-	9+	9+	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1005.7	+10	SSW	2	c	51	95	7	8	3	-	4-6	7-8	1500	1	*
1005.6	+6	SSW	3	bc	52	95	7	5	3	-	4-6	4-6	1500	1	*
1005.6	+12	SW'S	2	c	50	95	7	5	3	-	7-8	9	800	1	*
1004.5	+10	S	3	c	50	95	7	8	-	-	7-8	7-8	1500	1	*
1005.1	+12	S'W	4	ir.	52	75	7	8	-	-	4-6	4-6	1500	1	2
1007.0	+6	SSW	4	ir.	51	95	6	5	2	-	7-8	10	800	1	§4
1006.8	+8	SW	4	ir.	52	95	7	6	-	-	9+	9+	1500	1	*
1006.0	+8	S'W	2	bc	48	95	7	4	3	-	4-6	4-6	4000	1	*
1006.2	+8	SSW	4	c	50	95	6	5	7	-	4-6	7-8	4000	1	3
1004.9	+8	S'W	4	bc	51	95	6	4	-	-	2-3	2-3	2500	1	3
1002.8	+14	S'W	3	b	48	95	8	5	3	-	Tr	1	4000	1	*
1003.2	+10	SSW	3	c	48	95	8	6	-	-	9	9	800	1	*
1004.4	+10	S	3	3o	47	95	6	5	7	-	2-3	4-6	4000	1	*
1002.7	+8	SSW	3	c	51	95	7	5	-	-	9+	9+	2500	1	*
1004.7	+10	SSW	4	c	53	95	7	4	2	-	7-8	10	1500	1	5
1004.7	+20	SSW	5	bc	52	95	7	8	3	-	4-6	4-6	1500	1	3
1004.6	+20	SW'W	5	bc	51	95	8	8	-	-	2-3	2-3	2500	1	4
1004.3	+14	WSW	5	b	50	95	8	5	-	-	1	1	4000	1	3
1006.7	+20	W	3	c	53	95	7	8	-	-	7-8	7-8	2500	1	3
1000.3	+12	SW'S	5	ir.	51	95	7	8	-	-	7-8	7-8	2500	1	3
999.4	+12	SW'S	4	bc/r	51	95	7	5	-	-	2-3	2-3	800	1	2
1001.0	+12	SE	2	bc	47	95	6	5	-	-	4-6	4-6	1500	1	*
1001.0	+12	SW	3	bc	49	95	8	8	-	-	4-6	4-6	2500	1	*
1000.8	+16	SSW	3	bc/r	49	95	6	5	7	-	4-6	4-6	2500	2	*
1000.6	0	S	1	c/d	46	95	4	6	8	-	4-6	7-8	<150	1	*
1001.5	+6	SW	3	bc	48	95	7	5	1	-	2-3	4-6	1500	1	2
999.8	+8	SE'S	2	m	44	95	4	5	-	-	10	10	800	1	*
999.1	+4	SW	2	of	45	95	3	6	-	-	10	10	1500	1	1
999.5	0	NE	2	0	45	95	6	5	-	-	10	10	800	0	1
998.9	-4	WNW	2	c	44	95	7	5	2	-	9	10	2500	1	*
999.0	-2	E'N	2	ir.	45	95	6	5	-	-	10	10	800	1	*
998.9	+2	N	2	c	43	95	6	5	-	-	10	10	1500	1	*
996.0	-4	ESE	4	c	48	85	8	5	7	-	9+	10	2500	0	3
997.6	-6	SE	2	bc	45	85	7	8	6	-	2-3	4-6	1500	1	1
x	-6	-	0	c	36	95	7	5	6	-	4-6	10	1500	1	*
998.8	-16	NW	2	3o	43	95	6	5	-	-	10	10	450	1	1
1000.4	-4	SE	4	c	47	85	8	5	2	-	7-8	10	1500	1	3
1004.0	-2	SSE	4	ir.	45	95	6	8	2	-	7-8	10	800	1	*
993.8	+10	S	4	c	51	95	7	9	-	-	10	10	800	1	4
994.6	+2	E	3	3o	49	95	6	8	-	-	9+	9+	800	1	1
997.2	+4	S'W	2	c	49	95	7	5	-	-	9+	9+	1500	1	*
996.8	0	SSE	3	c	50	95	7	5	-	-	9	9	1500	1	2
997.7	+12	SW	1	bc	46	95	8	-	5	-	0	2-3	-	1	*
997.3	+8	S'W	4	bc	50	95	8	5	-	-	4-6	4-6	1500	1	4
999.6	+16	WSW	3	b	50	95	8	5	-	-	1	1	2500	1	4

PAST 24 HOURS.

Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 6th. Hrs. (36)
54	51	47	7	4	0.0
54	52	49	8	9	0.0
54	49	44	8	6	0.0
53	49	46	9	7	0.0
54	48	46	9	9	0.0
54	51	48	12	9	0.1
52	50	48	2	9	0.1
55	51	49	0.5	4	0.1
54	48	45	1	5	0.0
52	49	47	1	5	0.0
53	50	48	4	5	0.0
52	48	44	2	6	0.0
54	47	46	3	9	0.0
54	46	42	9	8	*
55	50	45	7	5	0.0
56	51	*	9	3	*
55	50	47	10	0.6	0.0
53	50	*	4	1	*
53	50	*	2	0.4	0.0
55	52	48	5	1	0.0
53	51	*	1	4	0.0
52	49	48	2.3	0.5	0.0
48	47	46	0.3	2	0.0
41	41	41	2	8	0.0
50	47	*	3	6	0.0
41	41	41	2	6	*
46	45	43	2	2	*
45	43	41	Tr	Tr	0.0
44	43	41	-	2	0.0
48	47	41	0.8	5	0.0
50	47	*	3	6	0.0
41	41	41	2	6	*
46	45	43	2	2	*
45	43	41	Tr	Tr	0.0
44	43	41	-	2	0.0
43	41	40	-	1	0.0
40	39	39	1	1	0.0
45	45	43	-	-	3.0
44	42	*	-	0.2	0.8
38	35	29	-	-	2.1
40	38	37	0.1	2	*
47	44	*	0.4	-	0.0
45	41	*	Tr	1	*
56	48	*	6	7	0.6
48	47	*	0.3	-	*
51	48	46	1	0.4	0.0
51	46	*	4	0.5	*
55	45	38	-	-	1.1
54	48	43	2	2	0.7
53	48	*	Tr	1	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather Morning.	Weather Afternoon.	Weather Night.	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset, hrs.	Humidity 15h. G.M.T. %	Humidity 9h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	cr c r.	cr r.	c r r r bc	54	51	47	7	4	0.0	*	*	6
Croydon	217	ow r r dd	c c r r m	r r r d r r	54	52	49	8	9	0.0	*	*	6
Greenwich (Royal Observatory)	149	c u r	r c r r	r r d d	54	49	47	5	6	0.0	95	94	5
City (Bunhill Row)	—				*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park)	27	*	*	*	56	52	46	7		0.0	92	91	*
Regents Pk. (Botanic Gardens)	168	*	*	*	55	51	49	6	4	0.0	93	93	*
Camden Square	110	c c r	c r	*	54	51	45	6	4	*	*	91	*
Kensington	80	o r r	o r r	*	54	51	43	6	4	0.0	At 18h 93	93	*
Hampstead Observatory	450	o r	o r	o r m b c	53	48	41	5	6	0.0	*	98	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.5	16h-17h 6h	<0.3	22h 6h 7h 7h

Kew Observatory. Max.	Time.	Min.	Time.
0.1	13h 6h	<0.1	0h-7h 7h

FOREIGN OBSERVATIONS.

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

7h. G.M.T. 7th December

Past 24 Hours.

Stations.	18h. Barom. mb.	18h. Wind. Direc.	18h. Wind. Force.	18h. Weather.	18h. Temp. °F.	7h. Barom. mb.	7h. Wind. Direc.	7h. Wind. Force.	7h. Weather.	7h. Temp. °F.	Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1010.9	SSE	3	c	55	1011.3	S	2	bc	50	59	48	-	-
Brussels	1011.0	S	4	c	52	1010.4	S	4	c	50	57	48	1	0.2
Berlin	1015.7	W'S	1	3o	48	1016.2	ESE	1	m	41	50	39	0.1	-
Zürich	1010.4	SSE	1	c	48	1019.8	-	0	c/f	41	55	39	-	Tr
Rome	1011.5	-	0	m	54	1021.1	-	0	c	46	*	*	-	-

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.

G. C. SIMPSON, 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 9h § Sea disturbance reported from Dungeness

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 8th December 1934.

No. 26679

OBSERVATIONS at 13h. G.M.T. 7th 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)	°F. Temp. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	1009·0	+16	SW'N	3	bc	53	75	8	2	-	1	4·6	4·6	2500
	Croydon	1009·2	+18	WSW	3	bc	54	95	7	8	-	5	4·6	4·6	2500
	S. Farnborough	1009·1	+18	SW	4	bc	55	75	8	2	-	2	4·6	4·6	1500
	Boscombe Down	1008·4	+14	SW	3	c	54	75	8	7	-	6	4·6	7·8	2500
	Calshot, S'thmtn	1009·8	+22	SW'S	4	bc	55	85	8	8	-	1	2·3	4·6	1500
	Lympne	1009·9	+14	SW	3	c/p	53	85	8	9	3	-	9	9+	800
	Manston	1009·0	+8	SW	4	c	57	85	8	2	-	-	7·8	7·8	1500
2	Shoeburyness	1008·7	+12	SW	3	bc	56	85	6	8	4	-	4·6	4·6	4000
	Felixstowe	1008·2	+6	SW'S	3	c	54	85	7	5	3	-	4·6	7·8	4000
	Gorleston	1007·7	+8	SSW	3	c	55	85	6	8	-	-	9	9	2500
	Cranwell	1006·1	+10	SW'S	3	bc	53	85	7	1	3	-	2·3	2·3	2500
3	Birmingham	1006·4	+18	SW	2	c	51	85	6	6	3	-	4·6	7·8	1500
	Upper Heyford	1008·0	+18	SW	4	bc	53	75	7	2	-	5	4·6	4·6	2500
4	Ross-on-Wye	1007·1	+14	SW'W	3	c/pr	52	75	8	9	-	6	4·6	7·8	2500
5	Portland Bill	1009·4	+12	SW	5	c	54	85	7	4	-	1	4·6	7·8	2500
	Plymouth	1008·4	+10	SSW	5	c	53	95	7	5	-	6	4·6	7·8	1500
	The Lizard	1008·9	0	SSW	6	c	53	95	7	4	2	-	9	9+	2500
	Scilly (St. Mary's)	1004·8	-4	SSW	5	c	53	95	7	8	7	9	4·6	9+	2500
	Guernsey	1011·6	+20	WSW	4	c	54	85	7	8	-	-	7·8	7·8	2500
6	Pembroke	1003·5	+8	SW	5	c/r	53	85	7	4	-	-	7·8	7·8	2500
7	Holyhead	1002·9	+16	SSW	4	bc	52	85	8	1	3	4	2·3	4·6	1500
	Chester (Sealand)	1004·8	+14	SW'S	3	c	52	85	6	5	7	-	7·8	7·8	1500
8	L'pool (Bidston)	1004·2	+12	SW'W	3	bc	53	75	8	8	-	-	4·6	4·6	2500
	Manchester	1004·3	+12	SW	4	3o	54	75	6	4	4	1	2·3	4·6	4000
9	Harrogate	1003·8	+10	SSW	2	c	49	85	5	5	8	-	4·6	7·8	2500
10	Spurn Head	1005·4	+6	SW'W	1	bc	53	85	7	5	7	-	2·3	4·6	2500
	Catterick	1003·1	+12	S'E	2	c	51	85	6	8	-	-	9+	9+	2500
	Tynemouth	1001·9	+10	SW	2	bc	49	95	6	2	-	-	4·6	4·6	2500
11	Inchkeith	1000·4	0	NE	1	m/f	46	95	4	5	-	-	9+	9+	800
	Leuchars	1000·2	+6	-	0	ir	45	95	6	5	2	-	9	10	1500
12	Renfrew (Abbotsl.)	999·3	+4	SSE	1	r/f	47	95	3	5	-	-	9+	9+	2500
	Eskdalemuir	1000·7	+10	SSW	4	c/r	48	95	8	5	-	-	9+	9+	450
13A	Tiree	996·7	0	SSE	3	ir	49	95	7	8	4	3	2·3	4·6	2500
13B	Stornoway	997·6	+2	SSE	2	c	48	85	8	8	6	-	4·6	9	1500
15	Dalwhinnie	999·4	-2	SW	2	c	44	85	8	5	5	-	4·6	10	1500
	Aberdeen	999·8	+4	SW	2	bc	47	85	7	7	-	1	4·6	4·6	2500
	Wick	998·1	-6	WNW	2	c	47	95	7	8	6	-	4·6	7·8	1500
16	Lerwick	999·2	-32	ESE	6	rr	47	95	6	9	2	-	9	10	450
17	Blacksod Point	994·1	-2	S	4	pr	52	85	7	9	-	-	10	10	800
18	Malin Head	996·5	+6	S	3	c	51	95	7	8	8	2	4·6	9	1500
	Aldergrove	1000·0	+10	S'E	3	c	50	85	8	5	5	1	2·3	7·8	1500
	Donaghadee	1000·2	+8	SW	2	c	50	85	7	5	-	-	7·8	7·8	1500
19	Birr Castle	999·3	+2	SW	1	c	51	85	8	5	-	-	9+	9+	2500
20	Valentia Obsy.	995·1	-20	S'E	5	rr	52	95	7	6	-	-	10	10	800
	Roches Point	1000·8	-10	SW	5	ir	52	95	6	6	-	-	10	10	800

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1011·8	+12	SSW	3	bc	50	85	7	-	3	1	0	2·3	-	0	*
1012·3	+12	S	3	3o	50	95	6	2	5	1	Tr	4·6	4000	1	*
1011·4	+6	S'W	3	bc	49	95	6	5	-	-	2·3	2·3	4000	1	*
1010·1	+4	S	4	c	50	95	7	5	-	-	9+	9+	1500	1	*
1011·7	+8	S'E	4	c	51	95	7	8	3	-	2·3	7·8	2500	1	2
1013·9	+20	SW	3	b	47	95	7	-	3	1	0	Tr	-	1	§2
1012·9	+18	SW	3	b	47	95	8	-	-	-	0	0	-	1	*
1011·5	+20	SW	1	b	48	95	7	-	3	-	0	1	-	1	*
1012·0	+16	SW	3	b	48	85	7	-	-	-	0	0	-	1	2
1010·9	+14	S'W	2	bc	48	95	6	5	-	-	2·3	2·3	2500	1	2
1009·6	+18	SSW	4	3o	47	85	6	5	-	-	2·3	2·3	4000	1	*
1008·4	+4	SSE	2	bc	48	85	8	-	-	2	0	4·6	-	1	*
1010·1	+10	S'E	3	bc	47	95	6	5	7	-	4·6	4·6	2500	1	*
1007·9	+6	SW	3	c	50	85	7	5	7	-	4·6	9	2500	1	*
1010·3	+4	SSW	4	bc	53	85	7	4	-	-	4·6	4·6	2500	1	4
1007·4	-10	S	6	c/r	53	95	7	5	2	-	7·8	10	1500	1	3
1005·1	-12	S'E	6	o/pr	53	95	7	5	-	-	10	10	1500	1	4
1002·3	-16	S'W	6	rr	53	95	6	6	-	-	10	10	1500	1	4
1011·5	-6	S'W	4	c	53	95	7	8	-	-	7·8	7·8	2500	1	4
1002·1	+10	S	6	iR	52	95	6	5	-	-	10	10	1500	1	4
1002·3	-6	SSE	5	r.r.	51	95	6	6	7	-	7·8	10	800	1	2
1006·0	+4	SE	2	c	46	85	6	5	7	-	4·6	7·8	5100	1	*
1004·9	+2	S'E	3	c	48	85	6	5	-	-	9+	9+	2500	0	*
1006·5	+6	S'W	3	3o	47	85	6	5	4	-	Tr	1+	4000	1	*
1006·3	+10	S	1	b	47	85	5	-	-	-	0	0	-	1	*
1007·9	+2	SW'S	3	bc	48	85	7	5	2	-	2·3	4·6	2500	1	2
1005·8	+12	S	1	3o	47	95	6	8	-	-	2·3	2·3	2500	1	*
1004·0	+16	S	1	bc	50	85	6	5	-	-	4·6	4·6	800	1	2
1002·2	+4	SE	1	bc	47	95	7	5	-	-	4·6	4·6	1500	1	1
1001·4	+8	SW	2	b	45	95	6	5	-	-	1	1	4000	1	*
1000·7	+6	E'S	2	3o	46	95	6	5	-	-	9+	9+	4000	1	*
1003·0	+8	SSW	4	c	46	95	7	5	-	-	9+	9+	1500	1	*
996·0	-2	SE'E	5	c	48	95	7	5	1	-	4·6	7·8	2500	0	3
997·1	-4	S	3	c/pr	49	85	7	8	6	-	4·6	7·8	1500	1	*
1001·5	+8	S	3	bc	43	95	6	8	-	-	4·6	4·6	1500	1	*
1000·8	-6	S	1	3o	46	95	5	5	-	-	4·6	4·6	1500	1	1
998·9	+2	SW	2	c	45	95	8	5	1	-	4·6	7·8	1500	1	2
997·3	-10	SE	5	d.d.	48	95	5	5	-	-	10	10	220	2	*
992·0	-16	SE	5	ir	53	95	7	6	-	-	9+	9+	450	1	4
994·6	-12	S	4	pr	49	95	7	8	-	-	10	10	800	1	1
998·8	-10	SE	4	r.r.	50	85	6	6	-	-	10	10	1500	1	*
998·7	-4	SW	2	ir	51	95	7	6	-	-	10	10	800	1	1
995·2	-12	SW	3	ir	52	95	7	6	-	-	10	10	1500	1	*
994·1	+8	S	4	c	52	95	7	6	-	2	4·6	7·8	800	1	4
997·2	-16	SSW	6	rr	52	95	6	6	-	-	10	10	800	1	5

PAST 24 HOURS.

Weather. 7h.–13h. 7th (37)	13h.–18h. 7th (38)	18h. 7th to 1h. 8th (39)	1h.–7h. 8th (40)
bc	bc§	bcc	c r r c
c b c c m.	b c p r.	b c § b c c d.	c d. d. r r m.
c p r. b c	b c c	b c o d.	o r r d. o
c i d. b c	b c c	c o r r	o r r
c c p r b	b c c	c b c c r d	c r r c
r r r f c	c j p b w	b c b b c w	c o r. r m.
c r r c b c	b c b	b b c c	c r r q
b c m.	b c m. b	b b c	c r r. m.
c m b m.	c p. b c § b	6, r r.	c r r m.
b c c	c b c m.	b c b §.	b c c o r
b b c	b c c m.	b m. c	c m. r r
b c	b c	b c o r	o r r
c b c	c o i r	r r § i r	c r. b c
c b c	c	c o i r	o r r c
c i r b c c	c q i r m c	c q i r c	c q c f c r b c
c p r.	b c c r.	r r. o	o d. d. c
d. b c c m.	b c m. c	c r. m.	o r. r
b c	b c c	p c o r	r c c R
m c b c	c b	b	b o r R
b c	b c	b c	o r r
o f b c c m	c m. p r b c	b o m. o	o m. r r r.
o f § b c	b c m	b o i r.	o
o f § d r	c i § i d.	c i r	c p
c i r.	b c c	r r	i d.
c p r.	c r r.	c r r.	
d r c	i r c		r r c
o m. d. c	b c m.	b c c m.	c m. r r.
c i d. c	c	b c c	c r r c
r r d. d m.	o d d m c i r	c i r. m.	
p r c q	r r	i r c q	c r
c p r.	c	c i r o p r	b c c
c	c r. r m.	o r r r r b	b = c o r.
c	c o i r.	o r r c	c q
b c c	c o i r	o r r c	c p r b c
i r. r r	c r r c	c b c c	R p r t r c l
b c o i r	o r r	o r c	c c R c r

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

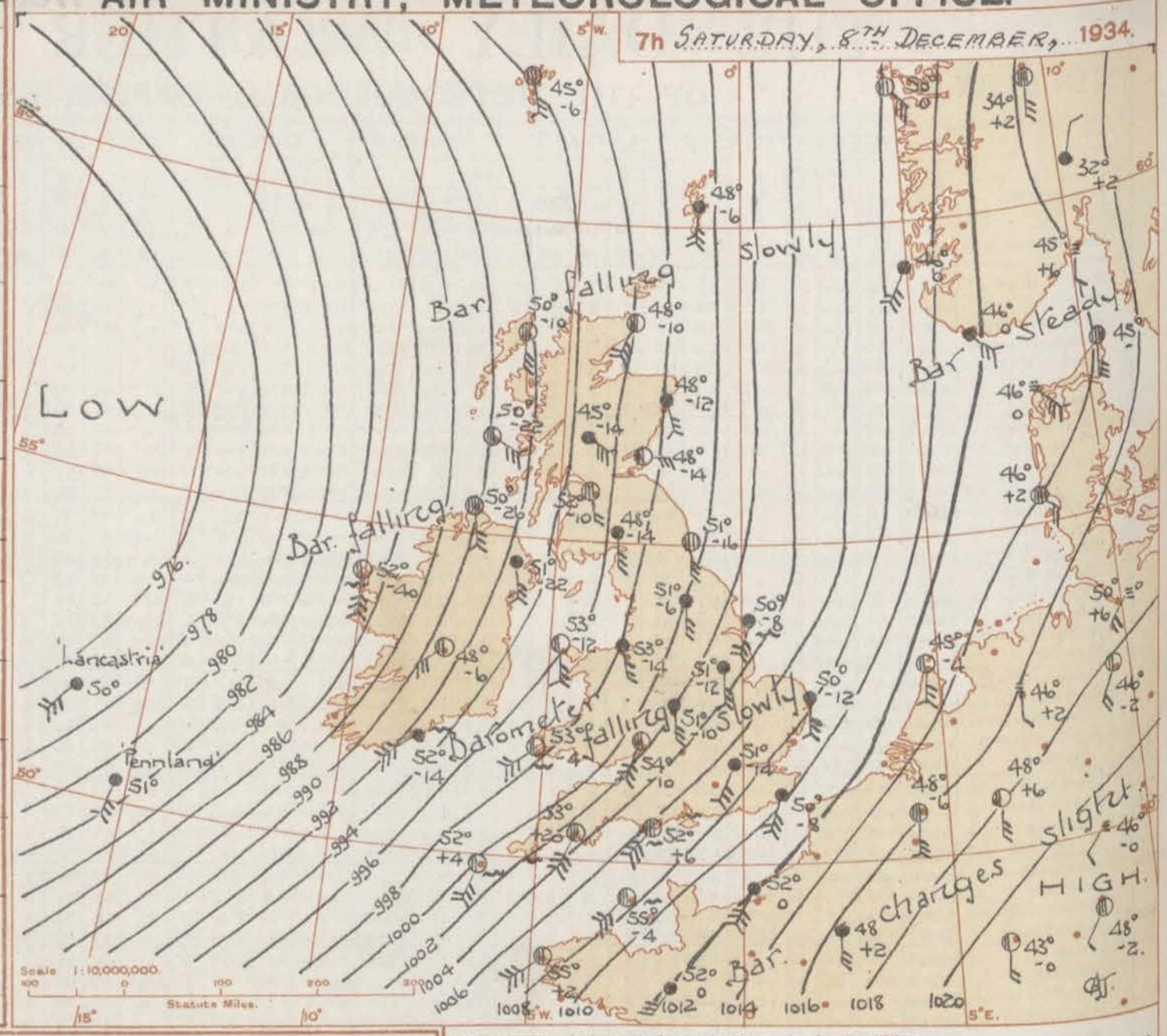
REPORTS from HEALTH RESORTS for Fri. 7th December 1934

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.	o|o bc	bc	50	55	9	Trace	3·0
	Bournemouth	b	b	50	54	7	–	4·5
	Ventnor ...	r o|b	b bc	51	55	7	2	3·6
	Southsea ...	bc b ?	b bc?	51	55	11	0·4	3·9
	Bognor Regis	bbc r b	bc	52	55	8	0·3	4·5
	Littlehampton	bc|bc	bc	52	55	8	0·1	4·1
	Worthing ...	cbc	bbcc	52	54	7	–	4·2
	Brighton ...	c|c b	c b	52	55	8	0·2	3·0
	Eastbourne†	c|c	c bc b	52	55	9	0·1	3·5
	Hastings† ...	oc	c bcc	51	55	12	–	3·5
	Folkestone ...	r o c bc	bc	51	55	12	Trace	3·1
	Dover... ...	c	c b	52	55	9	–	2·9
	Deal	i d c	c bc	51	56	9	Trace	2·8
	Ramsgate ...	r c	c bc	51	56	4	0·4	3·1
	Margate ...	c bc	bc	51	58	6	–	2·5
2	Southend ...	bbc	bbc	49	55	4	–	3·5
	Maldon ...	c bc	b c b	48	56	8	–	1·4
	Clacton-on-Sea	c bc	bc	48	53	5	–	3·6
	Dovercourt ...	bc	bc	49	56	5	–	3·8
	Lowestoft ...	c bc	bc	46	55	5	–	3·2
	Skegness ...	bbc	bc	45	53	8	–	5·3
	Mablethorpe	bc	bc	45	53	7	–	4·9
	Cleethorpes...	bc	bcc	42	54	6	–	5·1
3	Leamington S.	bcc	bcc	48	55	11	–	3·4
4	Cheltenham†	bc	bc c|o	49	53	7	Trace	3·7
5	Bath	b	bbcc	50	54	5	–	4·8
	Weymouth ...	b	c c|o	50	56	5	0·1	4·5
	Jersey ...	c bc	bc	52	55	4	–	5·0
	Torquay ...	b w bc	c o	50	56	2	–	3·6
	Penzance ...	bc	c	49	55	3	–	0·9
	St. Ives ...	c	o	49	55	5	–	0·6
	Bude	bc	bcc	52	55	3	–	2·4
	Ilfracombe ...	bcc	c o d	51	54	6	0·4	0·6
6	Aberystwyth	c bc	bcc	48	54	15	–	2·5
7	Llandudno ...	bc	o i d	47	54	8	0·1	2·7
	Colwyn Bay...	b c b	bcc	48	54	7	–	1·6
	Rhyl	c r|o bc	bcc	47	55	8	Trace	2·9
8	Wallasey ...	bc	bcc	44	53	4	–	0·6
	Southport‖ ...	oc?	c o?	46	53	3	1	1·9
	Blackpool ...	c	d|c	44	53	1	0·1	1·7
	Morecambe ...	i d c	bcc	42	52	3	0·3	0·2
9	Ilkley... ...	c	c	38	52	7	–	1·0
10	Berwick-on-T.	oc	o b c c b	37	52	2	–	1·1
11	Dunbar ...	c m|	c m|b c	42	53	0·3	–	0·5
12	Troon... ...	c m b c	c b c c	39	50	3	–	0·9
	Douglas ...	c b	c bc	42	52	4	–	2·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h SATURDAY, 8TH DECEMBER, 1934.



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.

Districts	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 8th December, 1934.
1. S.E. England	Moderate or fresh south or southwest wind, stronger locally on coast; mainly cloudy, occasional rain; brighter intervals locally; very mild.
2. E. England...	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	Fresh or strong southerly wind, perhaps gale locally on coast; mainly cloudy, rain at times, brighter intervals locally; very mild.
13. A. W. Scotland; B. N.W. Scotland	
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	

GENERAL INFERENCE.

Pressure is very low on the Atlantic and further secondaries will move northeast across the British Isles, maintaining unsettled weather.

FURTHER OUTLOOK.

Rain at times, heavy locally in the West; very mild generally for some days.

Times of issue of Gale Warnings.

South Cone at 0835 on 7th in dists 5,6, 19 and 20; at 1930 on 7th in 13A, 13B, 16 (part of) and 17 and at 0145 on 8th in dists.1 (part of) 7,9, 12 and 18.

Forecasts issued at 0945 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ - Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 8th December 1934.

No. 26679

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1010.7	-10	SE	4	id	52	85	5	5	-	-	10	10	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1012.5	-14	SSW	4	bc	50	95	7	-	-	2	0	2-3	-
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1010.5	-8	SE	5	bc	48	95	7	5	-	-	4-6	4-6	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1005.8	-8	SSW	6	RR	51	95	6	6	-	-	10	10	800
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1001.5	-10	SW	7	rr	53	95	6	6	-	-	10	10	1500
	Scilly (St. Mary's)	163	999.7	-16	SW	6	ir	53	95	6	6	-	-	10	10	1500
	Guernsey	175	1009.4	-20	SSW	6	ir	53	95	7	6	-	-	10	10	1500
6	Pembroke	142	998.4	-4	SSW	5	c/r	53	95	6	5	-	-	10	10	800
7	Holyhead	26	997.9	-18	S	5	dzd	52	95	6	5	-	-	10	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1006.6	-4	SSW	4	c	48	95	7	-	2	-	0	10	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1003.4	-14	S	2	0	48	85	7	6	-	-	10	10	1600
11	Inchkeith	190	1009.2	-12	SSE	2	ir	50	85	8	6	2	-	4-6	10	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	993.8	-20	SE	5	r.c.	48	85	6	5	-	-	10	10	1600
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	998.3	-2	S	4	c	48	85	8	8	1	-	4-6	7-8	1600
16	Lerwick	156	1009.2	+8	SE	4	c	48	95	7	8	2	-	7-8	10	800
17	Blacksod Point	18	991.4	-4	SE	5	q	53	95	7	9	7	-	10	10	800
18	Malin Head	52	991.7	-8	S	5	bc	50	95	7	5	-	-	4-6	4-6	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
A	Valentia Obsy.†	30	989.9	-26	S	6	ir	53	85	7	6	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 8th 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)	1007.2	-6	SSW	5	c/r	52	95	7	8	2	-	7-8	10	1500	1	*
	Croydon	1007.9	-14	S'W	4	r.r.	51	95	6	6	-	-	10	10	1500	2	*
	S. Farnborough	1006.9	-2	S'W	5	o/d	51	95	6	6	-	-	10	10	800	1	*
	Boscombe Down	1005.2	+2	SSW	5	r.r.	52	95	6	6	-	-	9	9	450	1	*
	Calshot, (S'thmtn)	1007.1	+2	S'W	6	c	54	85	7	8	7	-	4-6	9+	1500	1	4
	Lympne	1010.6	-8	S'W	5	r.r.	50	95	6	6	2	-	4-6	10	450	1	§2
	Manston	1010.2	-6	S	5	r.r.	51	95	7	6	-	-	10	10	800	1	*
2	Shoeburyness	1008.8	-8	SSW	5	r.r.	51	95	6	6	2	-	7-8	9+	1500	1	*
	Felixstowe	1009.1	-8	S'W	5	r.r.	50	95	6	6	2	-	9	10	800	1	3
	Gorleston	1008.0	-12	S'E	#6	r.r.	50	95	6	6	-	-	10	10	1500	1	3
	Cranwell	1003.4	-12	ESE	4	r.r.	51	95	6	6	2	-	7-8	10	800	1	*
3	Birmingham	1001.7	-10	S	3	r.r.	51	95	8	6	-	-	10	10	800	1	*
	Upper Heyford	1004.0	-16	S	6	r.r.	52	95	5	6	-	-	7-8	7-8	450	1	*
4	Ross-on-Wye	1001.4	-10	SSW	6	c/r	54	85	8	6	-	-	9+	9+	2500	1	*
5	Portland Bill	1004.8	+6	SW	6	c/r	52	95	7	5	-	-	9	9	1500	2	5
	Plymouth	1003.4	+20	SSW	6	c	53	95	8	5	-	-	9	9	1500	1	4
	The Lizard	1002.5	+6	SSW	6	c	52	95	7	8	9	-	4-6	7-8	2500	2	4
	Scilly (St. Mary's)	1000.3	+4	SSW	5	bc	52	95	7	8	4	5	2-3	4-6	2500	1	4
	Guernsey	1010.0	-8	SW	5	c	55	95	7	8	-	-	7-8	7-8	1500	1	4
6	Pembroke	997.3	-4	SW	5	q	52	95	7	5	-	-	2-3	2-3	4000	1	4
7	Holyhead	995.6	-12	S	4	bc	53	95	7	5	-	-	4-6	4-6	800	1	2
	Chester (Sealand)	998.6	-14	SSE	3	r.r.	53	95	7	6	2	-	4-6	10	1500	1	*
8	L'pool (Bidston)	998.0	-4	SSW	4	c.R	52	95	7	5	-	-	10	10	1500	2	*
	Manchester	999.2	-14	S'W	4	r.r.	53	95	6	6	2	-	4-6	10	800	1	*
9	Harrogate	1000.3	-6	S	3	RR	51	95	5	6	-	-	10	10	2500	1	*
10	Spurn Head	1002.7	-8	SSW	5	r.r.	50	95	7	6	-	-	10	10	1500	1	4
	Catterick	995.0	-14	SE	4	c.r.	45	95	6	8	6	-	4-6	10	800	1	*
	Tynemouth	999.3	-16	SE's	3	dd	49	95	6	6	2	-	10	10	800	1	2
11	Inchkeith	997.1	-16	SE	2	c	49	95	8	8	2	-	4-6	10	1500	1	1
	Leuchars	996.8	-14	E	3	c	48	95	6	5	-	-	9	9	2500	1	*
12	Renfrew (Abbotsl)	995.4	-10	SSE	2	3o	52	85	6	5	7	-	7-8	10	1500	1	*
	Eskdalemuir	996.8	-14	S'E	3	r.r.	48	95	6	6	2	-	7-8	10	800	1	*
13A	Tiree	990.5	-22	SEE	4	c	50	95	6	5	7	-	9+	10	2500	1	3
13B	Stornoway	991.7	-10	S	3	c	50	95	8	5	6	-	7-8	9+	1500	1	2
15	Dalwhinnie	995.0	-14	SE	4	c.r.	45	95	6	8	6	-	4-6	10	800	1	*
	Aberdeen	997.9	-12	SSE	4	d.d.	48	95	5	6	2	-	7-8	10	450	1	2
	Wick	995.8	-10	SSW	5	c	48	95	7	8	1	-	4-6	7-8	1500	1	3
16	Lerwick	999.1	-6	S	5	c.r.	48	95	6	6	-	-	10	10	800	1	*
17	Blacksod Point	995.5	-40	S	6	q	52	85	7	9	-	-	4-6	4-6	800	1	4
18	Malin Head	998.4	-26	SE	4	c	50	95	7	6	-	-	10	10	1500	1	1
	Aldergrove	992.6	-22	SSE	5	r.r.	51	85	6	6	-	-	10	10	800	1	*
	Donaghadee	993.0	-18	SW	3	q	52	85	7	9	-	-	9	9	1500	0	2
1	Birr Castle	990.5	-6	SW	3	bc	48	95	8	5	-	-	2-3	2-3	2500	1	*
A	Valentia Obsy.†	986.6	-16	SW	6	oL	49	75	8	9	-	-	10	10	1500	1	4
	Roches Point	993.1	-14	SW	6	c.r.	52	95	6	6	-	-	10	10	800	1	5

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 7th Hrs. (36)
1	London (Kew)	54	49	43	-	3	3.1
	Croydon	56	49	45	0.1	7	3.0
	S. Farnborough	56	49	45	Tr	8	3.9
	Boscombe Down	54	49	48	Tr	13	4.1
	Calshot, (S'thmtn)	56	52	49	0.4	8	4.3
	Lympne	55	47	42	2	5	2.3
	Manston	57	46	43	2	0.5	3.1
2	Shoeburyness	57	45	40	-	1	3.5
	Felixstowe	54	47	43	0.1	1	3.9
	Gorleston	56	45	42	-	3	2.7
	Cranwell	54	44	41	-	2	4.7
3	Birmingham	51	46	44	-	8	1.8
	Upper Heyford	53	41	41	0.2	9	*
4	Ross-on-Wye	53	50	46	0.6	13	3.5
5	Portland Bill	56	50	*	-	7	*
	Plymouth	54	52	50	0.4	11	1.7
	The Lizard	53	51	*	0.2	13	*
	Scilly (St. Mary's)	53	52	*	0.5	5	0.4
	Guernsey	55	51	51	0.2	3	3.8
6	Pembroke	53	48	*	1	4	2.2
7	Holyhead	53	50	49	0.1	3	1.8
	Chester (Sealand)	54	46	44	0.1	3	3.2
8	L'pool (Bidston)	53	48	46	-	3	2.5
	Manchester	54	47	38	0.4	4	3.5
9	Harrogate	50	44	40	-	4	0.9
10	Spurn Head	53	45	*	-	4	4.8
	Catterick	52	44	41	0.2	1	0.9
	Tynemouth	50	47	43	-	0.6	*
11	Inchkeith	49	47	37	0.4	2	0.0
	Leuchars	47	40	31	0.5	4	0.4
12	Renfrew (Abbotsl)	50	45	42	1	4	0.0
	Eskdalemuir	48	43	43	4	12	0.0
13A	Tiree	50	48	45	Tr	3	0.7
13B	Stornoway	49	47	*	0.3	2	0.0
15	Dalwhinnie	45	42	38	1	5	0.0
	Aberdeen	48	45	40	Tr	2	0.3
	Wick	48	44	*	Tr	2	*
16	Lerwick	48	46	*	5	1	0.0
17	Blacksod Point	49	47	*	9	6	*
18	Malin Head	51	48	*	0.3	1	3.1
	Aldergrove	51	49	45	1	3	2.3
	Donaghadee	52	49	*	0.3	9	*
1	Birr Castle	52	47	40	3	4	1.0
A	Valentia Obsy.†	53	47	44	8	11	0.0
	Roches Point	53	49	*	7	6	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	bc	bc3o	bcorr	54	49	43	-	3	3.1	*	*	6
Croydon	217	cbcem	bcpr	bcdrrm	56	49	45	0.1	7	3.0			7
Greenwich (Royal Observatory)	149	bcp	bc	bcrr	55	49	44	0.5	2	2.0	73	86	6
City (Bunhill Row)	—									1.7	*	*	*
Westminster (St. James' Park)	27	*	*	*	58	51	45	2		2.5	69	81	*
Regents Pk. (Botanic Gardens) ‡	168	*	*	*	56	50	47	Tr	3	2.2	70	87	*
Camden Square	110	c	cbc	*	56	51	44	-	3	*	*	87	*
Kensington	80	bc	cbc	*	56	50	42	-	3	2.1	At 18h. 87	93	*
Hampstead Observatory	450	bc	bc	bcmor	53	47	42	-	4	2.4	*	99	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.5	15h.-9h. 7th	<0.3	22h. 7th to 7h. 8th

Kew Observatory. Max.	Time.	Min.	Time.
0.2	16h. 7th	<0.1	0h.-7h. 8th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 7th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 8th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1016.6	SSW	2	3o	54	1016.3	S	3	d.d.	48
Brussels	1015.2	SW	3	o	52	1015.6	S	4	c	48
Berlin	1016.9	SE	1	c	45	1019.8	-	o	f	43
Zurich						1024.0	SSE	1	f	
Rome	1019.9	SW	4	bc	61	1020.0	-	o	bc3o	50

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
55	46	Tr	Tr
55	46	0.5	-
46	41	-	-
	37	-	0.6
			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/hour	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13-18	9	47-54
1	1-3	5	19-24	10	55-63
2	4-7	6	25-31	11	64-75
3	8-12	7	32-38	12	75
		8	39-46		

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

COLUMNS 8, 22.—Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 "
2 Fog	550 "
3 Moderate fog	1,100 "
4 Mist or haze	1¼ miles.
5 Poor visibility	2¼ "
6 Moderate "	6½ "
7 Good "	12½ "
8 Very good "	31 "
9 Excellent "	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, 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 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 9th December 1934.

No. 26680

OBSERVATIONS at 13h. G.M.T. 8th 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)	1008·4	+6	SSW	4	c	56	85	7	5	7	-	7·8	9+	1500
	Croydon	1005·2	+2	SW's	4	c	55	85	7	5	3	-	9	9+	1500
	S. Farnborough	1008·3	+4	S'W	4	c/r	55	85	7	5	1	-	7·8	10	2500
	Boscombe Down	1006·7	-2	S	4	3o	54	95	6	8	-	-	9+	9+	800
	Calshot, S'thmtn	1008·4	+2	SSE	5	c	54	95	7	5	1	-	7·8	9+	1500
	Lympne	1010·5	-4	SSW	4	c	54	85	8	5	-	-	7·8	7·8	2500
	Manston	1010·7	+2	S	5	c	53	85	7	5	2	-	9	10	800
2	Shoeburyness	1010·1	0	SSW	3	c	54	85	7	8	1	-	7·8	7·8	1500
	Felixstowe	1009·0	-6	SSW	4	c	53	85	7	5	3	-	7·8	9	2500
	Gorleston	1008·6	+4	S	5	c	53	85	6	6	-	-	9+	9+	2500
	Cranwell	1005·1	+4	S'W	4	c	54	75	7	8	7	6	4·6	9+	1500
3	Birmingham	1003·6	+2	SSW	4	c	53	75	7	6	-	-	9	9	1500
	Upper Heyford	1005·8	-2	S	4	cq	54	85	7	5	2	-	7·8	10	2500
4	Ross-on-Wye	1003·8	-6	SSW	5	cq	54	75	7	6	1	-	7·8	9+	2500
5	Portland Bill	1007·4	+4	SSW	4	c	54	95	7	5	2	-	7·8	10	2500
	Plymouth	1004·3	-6	S'W	6	c	54	95	6	5	2	-	4·6	10	1500
	The Lizard	1002·3	-4	S'W	6	o	53	95	6	5	-	-	10	10	1500
	Scilly (St. Mary's)	1000·1	-6	SSW	6	c	53	95	6	6	2	-	7·8	10	1500
	Guernsey	1008·6	0	S	4	c	56	85	7	8	-	-	9+	9+	2500
6	Pembroke	999·6	+4	SSW	8	cq	54	85	6	5	-	-	10	10	2500
7	Holyhead	996·8	+2	S	6	q/r	53	85	6	6	8	-	4·6	9	800
	Chester (Sealand)	1000·9	-2	SSE	4	c	54	75	8	5	7	-	4·6	9	2500
8	L'pool (Bidston)	1000·6	0	SSW	4	cjp	53	75	7	9	-	-	9	9	1500
	Manchester	1001·3	+6	SSW	3	c	54	65	7	5	7	-	2·3	9	2500
9	Harrogate	1001·6	+6	SSW	2	c	52	75	6	6	7	-	7·8	9+	4000
10	Spurn Head	1003·3	+4	SW	5	bc	55	85	7	3	7	9	2·3	4·6	2500
	Catterick	1000·8	+12	S	3	c	53	85	6	8	-	-	10	10	2500
	Tynemouth	998·8	+6	S	3	bc	55	9885	6	2	-	-	4·6	4·6	2500
11	Inchkeith	995·6	-10	S	4	c	52	75	8	8	7	-	4·6	9+	2500
	Leuchars	995·4	-6	SSW	3	c	52	75	7	5	7	8	4·6	7·8	1500
12	Renfrew (Abbotsl.)	993·3	-12	SSE	4	prq	53	75	6	8	-	3	9	9	1500
	Eskdalemuir	996·8	0	SSW	6	c	50	85	8	8	-	-	9	9	1500
13A	Tiree	997·1	-18	SE	6	rr	50	85	6	6	-	-	10	10	1500
13B	Stornoway	998·5	-22	SSE	4	pr	51	85	7	5	6	-	7·8	10	1500
15	Dalwhinnie	992·4	-18	SSW	3	bc	48	85	8	4	2	-	2·3	4·6	2500
	Aberdeen	994·9	-14	S'E	3	3o	50	95	5	5	3	-	9	9+	450
	Wick	993·1	-14	SE	5	c	49	85	6	9	2	-	7·8	10	1500
16	Lerwick	997·2	-10	S'E	6	r,r,	48	95	5	6	-	-	10	10	450
17	Blacksod Point	984·7	+12	S	6	cq	50	95	7	9	-	-	7·8	7·8	800
18	Malin Head	986·1	-18	S'E	6	cw	51	95	7	9	-	-	9	9	1500
	Aldergrove	992·2	-2	S'W	5	bc	51	75	8	7	-	8	4·6	4·6	2500
	Donaghadee	992·6	-4	SW	4	cq	52	85	7	9	-	-	7·8	7·8	1500
19	Birr Castle	990·9	+10	SW	4	c/pr	53	75	8	8	-	-	7·8	7·8	2500
20	Valentia Obsy.	988·3	-2	S	6	o	53	85	8	6	-	-	10	10	1500
	Roches Point	994·3	+6	SW	4	c	53	95	7	8	-	-	7·8	7·8	1500

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

District.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	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	1007·3	-6	S	3	c	54	85	7	5	-	-	7·8	7·8	2500	1	•
	1008·5	-6	S'E	3	c	54	85	6	5	-	-	9	9	1500	1	•
	1006·9	-10	S	4	cq	54	85	7	5	-	-	10	10	2500	1	•
	1004·8	-16	S	5	3o	53	95	6	5	-	-	9	9	450	1	•
	1006·6	-16	SE'S	6	c	54	95	8	5	7	8	4·6	9	2500	1	3
	1010·4	-4	SSE	4	c	52	95	7	5	-	-	10	10	5700	1	§3
	1009·8	-6	S	4	bc	52	85	7	5	3	-	4·6	4·6	4000	1	*
2	1008·6	-8	SSW	4	bc	51	95	8	5	1	-	2·3	2·3	4000	1	*
	1009·2	-2	S	5	c	51	95	7	5	-	-	7·8	7·8	2500	D	3
	1009·0	0	SSE	4	o	51	95	6	6	-	-	10	10	2500	1	3
	1008·5	0	SSE	4	c	51	85	7	5	-	-	9+	9+	2500	1	•
3	1003·7	-2	SSE	3	bc	51	85	8	6	-	-	4·6	4·6	1500	1	*
	1005·2	-6	S	4	bc	52	95	7	5	1	-	2·3	4·6	2500	1	*
4	1002·0	-10	S	4	ir,	53	85	7	6	2	-	9	10	1500	1	•
5	1004·2	-10	S	5	o	55	85	7	5	-	-	10	10	1500	1	4
	1000·6	-26	S'E	7	ir	55	95	6	6	2	-	7·8	10	1600	1	4
	997·5	-24	S	7	rr	53	95	7	5	-	-	10	10	1500	1	4
	994·3	-40	SSW	6	ir,	53	95	6	9	-	-	9+	9+	1500	1	4
	1005·0	-12	S	5	bc	55	85	7	8	-	-	4·6	4·6	2500	1	4
6	994·0	-30	S	8	RR	53	95	5	6	-	-	10	10	2500	1	4
7	995·8	-16	S'E	5	q/r	52	85	6	5	-	-	7·8	7·8	1500	1	3
	1000·5	-8	SE'S	4	o	53	85	8	5	-	-	10	10	1500	1	•
8	1000·1	-6	S	4	c	52	95	8	5	-	-	9	9	2500	1	•
	1001·3	-6	S	4	c	53	75	6	5	2	-	7·8	10	2500	1	•
9	995·6	0	SW	4	bc	51	75	8	5	-	-	2·3	2·3	1500	0	3
10	996·4	+10	SSW	4	b	50	75	7	5	-	1	Tr	Tr	2500	1	•
	995·1	+18	S	4	3o	51	75	6	-	-	-	0	0	-	1	•
	997·8	+6	SSW	5	c	48	85	7	5	-	-	7·8	7·8	1500	1	•
13A	988·8	+18	SSE	6	bc	50	85	6	5	7	-	4·6	4·6	1500	1	4
13B	9882	0	S	6	c/pr	49	85	7	8	6	-	9	10	1500	1	3
15	994·2	+12	SW	5	RR	44	95	6	3	8	-	4·6	7·8	1500	1	•
	996·3	+10	S	4	c	51	85	7	5	3	3	7·8	9	1500	1	2
	991·4	-10	SSW	5	c	47	95	8	8	1	-	4·6	7·8	1500	1	3
16	993·2	-10	SSW	6	o	48	95	6	6	-	-	10	10	450	1	•
17	984·7	-12	S	4	bc	51	85	7	9	-	-	4·6	4·6	800	1	3
18	987·3	+6	S'E	5	b	49	95	7	5	-	-	1	1	1500	1	1
	992·9	+2	SSE	4	bc	49	85	7	5	-	3	1	2·3	2500	1	•
	993·3	-4	SW	4	cq	51	85	7	9	-	-	7·8	7·8	1500	0	2
19	988·4	-14	SW	4	bc	51	85	8	3	-	-	2·3	2·3	2500	1	•
20	981·8	-42	S'E	7	ir,	52	95	7	6	-	-	10	10	1500	1	5
	989·0	-36	S	7	ir,	53	95	6	6	-	-	10	10	1500	1	5

PAST 24 HOURS.

District.	Weather. 7h.—13h. 8th (37)	Weather. 13h.—18h. 8th (38)	Weather. 18h. 8th to 1h. 9th (39)	Weather. 1h.—7h. 9th (40)
1	cir, bcc	cm, bc	bccr, c	c
	cir, c	cr, r,	pr, r, c, c	c bbc
	oir, c	c	cr, c	cir, e
	cir, m,	cm,	cm,	cor,
	cpr, m, c	c	ccpr,	c bcir,
	crr m, bc	cbccw	cbNC	bcq
	cr, r, c	cbc	bcq	bcq
2	cr, m, c	cbc	cbcq cc	cc, bcq
	crr m, bbc	cbcc	cr, r, c	c- bbc
	or, cq	cq	3cq	cq
	crr c	c	c	c
3	r, bcc	c	coir	c
	r, r, d,	cq bc	cbc	bccr,
4	cbcc	c	rrq cq	cq orrq
5	c	co	o	opr
	cm,	cr, m, r	crr r m,	cr, m rr
	co	orr	opr q	pr rr q
	bcc	or, r,	ir, rpr	lRRrr
	cbcc	cbc	bccpr	bccq
6	cq m, c	cq ir Rc	cair	oqm Rro
7	cR r,	bccir,	3 lrqc	RR
	r cq bc	co	oir,	oir,
8	iRc	c	ccir,	cp, qc
	crr bc	c 3o	cr, m,	cm, c
	oRc	c	corr	oc
	r cbc	cbc	bc	c
	odd r bc	cm,	m, crr	c
	oir bc	bco q	oirR	air,
	3 cpr	cbc	bcco	oci, c
	cr m c	c bcb	bbc c	cir,
	d, cm, q	pr q bm b	bm, cr m,	cm, RR
	cr pr,	c	b-crr	crr
	r R	cir bc	Rr	iRc
	cpr,	cpr q	cpr q	epr q
	ir c	t ir h		rrc
	r, r, r c	bc 3o c	cbbc	cpr,
	m, prc	m, prc	bcc	c
	oir r, r, m,	o r, r, r r m,	bc	bccm,
	PRcq	PRcq	PRcq	rr
	cpr	c	ciR	opr
	r, r, bc PRq	bcb	pr rr	crrc
	pr, cq	cq	crr	RRc
	bccphr	cbc	3cpr bcpr	bcpr
	PRp, t, t, c	Rt hr,	cpr	cpr oc
	oir c	coir,	orrc	oirc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus.
R, heavy rain. r$_o$, slight rain.
rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☽ lunar halo. gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"+r" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

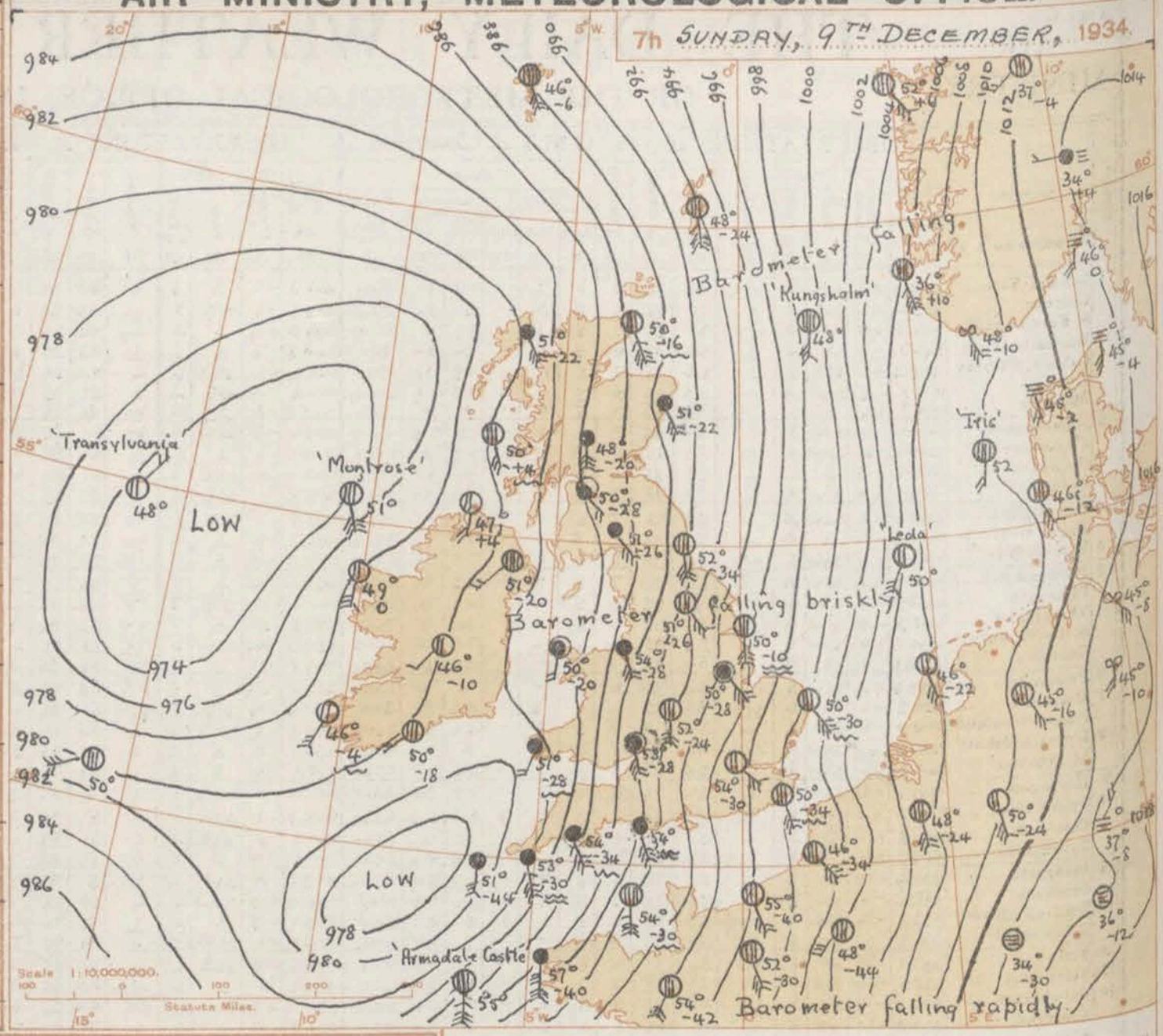
REPORTS from HEALTH RESORTS for 8th December 1934

District	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 7th to 9h. 8th	Temperature. Max. 9h.—17h. 8th	Rainfall. Night. 17h. 7th to 9h. 8th	Rainfall. Day. 9h.—17h. 8th	Sunshine. Sunrise to Sunset. 8th
1	Tunbridge W.	oc	co	48	54	6	–	0·3
	Bournemouth	oco	o	50	55	9	–	0·1
	Ventnor ...	c	cbo	50	55	4	–	0·8
	Southsea ...	c	c	52	55	5	–	0·2
	Bognor Regis	vbc	co	52	54	4	0·3	1·4
	Littlehampton	bc	bcc	52	55	4	–	1·1
	Worthing ...	c	c	52	55	5	–	1·3
	Brighton ...	cbc	c	50	55	3	–	1·2
	Eastbourne†	cbc	bcc	52	55	3	–	1·8
	Hastings† ...	cbcc	co	51	55	5	–	1·7
	Folkestone ...	ocbc	bcc	51	55	4	–	1·0
	Dover... ...	ocbcc	c	51	56	4	–	0·8
	Deal	o	o	49	55	4	–	0·0
	Ramsgate ...	c	c	49	55	1	–	0·3
	Margate ...	c	c	49	55	2	–	0·1
2	Southend ...	cbc	bcbc	47	55	1	–	0·4
	Maldon ...	cbc	bcc	45	57	1	–	1·2
	Clacton-on-Sea	cbc	bcc	48	53	1	–	0·7
	Dovercourt ...	bc	bcc	47	54	2	–	1·1
	Lowestoft ...	cpro	dcbc	45	53	2	Trace	0·9
	Skegness ...	ocb	bcodo	45	55	2	Trace	0·8
	Mablethorpe	bc	bcc	43	56	4	–	1·9
	Cleethorpes ...	or	ocbc	45	56	3	Trace	2·1
3	Leamington S.	bcc	bc	48	56	5	–	1·3
4	Cheltenham†	bbcc	cbc	49	55	10	–	1·2
5	Bath	c	cp	51	56	7	Trace	0·0
	Weymouth ...	c	c	52	56	10	–	0·0
	Jersey ...	cbc	c	52	56	2	–	0·5
	Torquay ...	Rc	copry	50	56	18	1	0·0
	Penzance ...	c	cyr	52	55	14	3	0·0
	St. Ives ...	o	r	49	55	1	5	0·0
	Bude	c	r	51	55	8	1	0·0
	Ilfracombe ...	co	or	51	56	12	1	0·0
6	Aberystwyth	pyc	cpr	49	55	7	0·3	0·2
7	Llandudno ...	cbcc	cpc	50	57	3	Trace	0·9
	Colwyn Bay...	cbcc	c	50	55	4	–	0·2
	Rhyl	cyc	c	49	56	5	0·1	0·7
8	Wallasey ...	cbcc	c	49	56	4	–	0·9
	Southport‖ ...	o	oco	48	54	11	–	0·1
	Blackpool ...	oyc	cdo	47	54	9	0·2	0·4
	Morecambe ...	cbbc	c	47	54	8	–	0·3
9	Ilkley... ...	c	c	45	55	7	–	0·0
10	Berwick-on-T.	or,bc	bcb	44	54	4	Trace	1·2
11	Dunbar ...	c	c	45	54	2	–	1·2
12	Troon... ...	cbcc	cbcrc	47	55	2	1	0·1
	Douglas ...	cbcid	cb	49	53	7	Trace	0·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h SUNDAY, 9TH DECEMBER, 1934.



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 9th December, 1934.
1. S.E. England 2. E. England...	Fresh to strong southerly wind, reaching gale force locally on the coast; cloudy, occasional rain; very mild.
3. E. Midlands 4. W. Midlands	Fresh to strong southerly wind; cloudy; rain spreading from southwest; very mild.
5. S.W. England 6. South Wales 7. North Wales	Fresh to strong southerly wind, gale locally in exposed places; cloudy; general rain; very mild.
8. N.W. England 9. N. Midlands 10. N.E. England	As 3 - 4.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. A. W. Scotland B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Fresh to strong southerly wind, gale locally in exposed places; cloudy; occasional rain; very mild.
17. N.W. Ireland	Fresh southerly wind, perhaps becoming strong with gale locally later; varying sky; local showers; average temperature.
18. N.E. Ireland 19. S.E. Ireland	Variable wind becoming southwesterly fresh to strong, perhaps gale locally; varying sky; local showers; average temperature.
20. S.W. Ireland	As 17.

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

GENERAL INFERENCE.

A deep depression is centred west of Ireland, while a deepening secondary off the mouth of the Bristol Channel will move northeast.

Weather will be cloudy and rain will spread northeast across the British Isles.

FURTHER OUTLOOK.

Strong southerly winds; rain at times in most places; continuing very mild.

Times of issue of Gale Warnings.

South Cone at 0835 on 7th in dists. 5,6, & 20, at 1930 on 7th in 13A,13B,16(part of) & 17, at 0145 on 8th in 1 (part of) 7,8,12,18 & 19, at 0145 on 9th in 10,11 & 15 and at 0800 on 9th in 1 (part of), 2 and 16 (part of).

Forecasts issued at 1200 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

Morning of
Sunday,
9th December,
1934.

Lambert's Projection Scale 1 : 4 × 10⁷ along meridian at 55°N
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 9th December 1934.

No. 26,680

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

Dist.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1004·9	-14	SSE	4	c	54	85	7	5	3	-	2·3	7·8	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1006·9	-22	SSE	4	c	51	96	8	-	3	2	0	9+	-
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1006·9	-10	S'E	5	c	50	95	6	-	2	-	0	9	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	999·0	-20	SSW	6	c	54	85	7	5	-	-	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	990·6	-40	S	8	PR	55	95	7	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	986·6	-40	S'W	7	ir	54	95	5	9	-	-	10	10	1500
	Guernsey	175	1000·2	-30	S	8	bc	54	85	7	8	-	-	4·6	4·6	2500
6	Pembroke	142	987·9	-16	S	8	ir	54	95	6	6	-	-	10	10	1500
7	Holyhead	26	988·5	-18	SSE	6	rr	53	95	6	6	-	-	9	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1000·2	-10	SSW	6	c	52	95	7	5	2	-	4·6	7·8	2500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	996·8	-20	S	5	ir	51	95	7	6	-	-	10	10	1500
11	Inchkeith	190	993·1	-24	SE	3	ir$_o$	50	85	7	6	-	-	10	10	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	986·8	-4	SE	4	q	50	75	8	8	-	-	7·8	7·8	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	992·9	-10	S	5	c	48	95	7	8	6	-	4·6	9	1500
16	Lerwick	150	996·3	+20	SSW	6	bc	49	95	7	5	-	-	2·3	2·3	2500
17	Blacksod Point	18	978·6	-4	S	5	q	48	95	7	6	-	-	10	10	1500
18	Malin Head	52	979·4	-40	S'E	6	rr	50	95	6	6	-	-	10	10	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	979·6	0	S	4	c	48	95	7	9	-	-	7·8	7·8	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
996·2	-30	SSE	5	c	55	60	8	5	2	1	2·3	9	1500	1	*
997·8	-30	SE'S	4	bc	54	75	7	-	7	1	0	2·3	-	1	*
995·6	-20	S	5	ir	53	75	6	6	-	-	10	10	800	1	*
993·2	-30	SSE	6	r$_o$r$_o$	51	95	6	6	-	-	10	10	450	1	*
994·9	-34	SE	6	ir$_o$	53	85	7	5	2	-	4·6	10	2500	1	3
1000·3	-34	SSE	5	c	50	75	9	-	-	2	0	9	-	1	§4
1000·6	-20	SE	5	bc	51	85	7	5	4	1	1	2·3	4000	1	*
999·4	-30	SSE	5	bc	52	75	7	7	7	-	Tr	4·6	4000	1	*
1000·2	-32	SSE	6	bc	51	85	7	5	-	8	2·3	4·6	4000	0	4
1000·8	-30	SE'S	6	c	50	85	6	5	-	-	7·8	7·8	2600	1	4
994·8	-28	SE	5	pr$_o$	50	85	7	5	7	-	4·6	9+	2500	1	*
992·0	-24	SSE	6	c	52	85	8	5	1	-	4·6	9+	1500	1	*
993·9	-20	S'E	4	ir$_o$	52	85	6	5	4	-	7·8	9	2500	1	*
990·1	-28	SSE	5	rr	53	85	7	6	-	-	10	10	1500	1	*
989·8	?	SSE	6	pr$_o$	54	85	7	5	-	-	10	10	1500	1	5
986·2	-34	S'E	7	rr	54	95	6	6	2	-	9	10	1500	1	4
980·8	-30	S'E	8	RR	53	95	6	6	-	-	10	10	1500	1	5
978·9	-44	S	4	rr	51	95	4	6	-	-	10	10	800	1	3
992·6	-30	S'W	7	q	54	85	7	8	-	-	10	10	2500	1	4
980·7	-36	S'W	2	r$_o$r$_o$	51	95	6	6	-	-	10	10	1500 2500	1	4
982·5	-20	S'W	2	RR	50	95	6	6	-	-	10	10	450	1	2
987·3	-28	SSE	5	ir$_o$	54	85	7	6	2	-	7·8	10	1500	1	*
986·4	-30	S	5	pr$_o$	54	85	8	5	-	-	9+	9+	1500	1	*
989·3	-32	S'E	5	c	55	75	7	5	2	-	2·3	7·8	2500	1	*
992·0	-26	SE	3	c	51	85	7	6	2	-	9	10	2500	1	*
995·3	-10	S	6	c	50	95	7	5	7	-	4·6	7·8	1600	0	5
990·3	-34	SE'S	6	c	52	85	8	5	-	-	9+	9+	2500	1	*
990·1	-34	S	5	c	52	85	7	9	-	-	7·8	7·8	1500	1	3
986·7	-32	SE	3	ir$_o$	52	85	8	4	-	-	9+	9+	2500	1	1
986·8	-32	SE	4	c	50	95	7	5	-	-	7·8	7·8	2500	1	*
984·3	-28	SE'S	2	RR	50	95	6	6	-	-	10	10	800	1	*
985·9	-26	SE'S	4	rr	51	85	7	6	2	-	7·8	10	1500	1	*
980·2	-14	SSE	4	c	50	95	6	6	7	-	9	9+	1500	1	4
980·9	-22	SSE	5	pr$_o$	51	85	8	8	-	-	10	10	1500	1	3
985·4	-20	S	6	RR	48	95	5	4	-	-	10	10	800	2	*
988·9	-22	SSE	5	pr$_o$	51	95	7	9	-	-	9+	9+	1500	1	3
986·3	-16	SSE	8	c	50	95	7	8	1	-	7·8	10	1500	1	4
992·9	-24	SSE	7	c/pr	48	95	6	6	2	-	7·8	10	800	1	*
978·3	0	S	4	bc	49	85	7	9	-	-	4·6	4·6	800	1	3
978·9	+4	S	2	bc	47	95	7	4	-	-	4·6	4·6	1500	1	1
981·8	-20	S'E	3	c	49	85	7	5	3	-	9+	10	1500	1	*
981·9	-20	SW	2	c	51	85	7	6	-	-	10	10	800	1	2
980·0	-10	SW	1	bc	46	95	8	3	-	-	4·6	4·6	2500	1	*
979·3	-4	S'W	4	bc	46	95	8	6	-	-	2·3	2·3	1500	1	4
981·1	-18	WSW	3	c	50	95	8	8	-	-	7·8	7·8	1500	1	5

PAST 24 HOURS.

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 9th 0-24 Hrs. (36)
57	54	51	0·1	0·1	1·0
56	54	51	0·1	0·3	0·2
55	53	50	Tr	Tr	0·0
55	51	49	0·2	1	0·0
55	53	50	0·1	0·2	0·4
55	50	47	0·6	-	1·0
54	50	48	1	-	0·5
55	51	48	0·2	Tr	0·5
53	50	47	1	0·1	1·1
54	49	46	1	-	0·0
56	49	47	0·5	Tr	1·9
54	50	47	0·1	1	0·6
55	51	47	0·1	Tr	*
54	53	50	Tr	9	0·6
56	52	*	-	1	*
56	54	52	*	4	0·0
53	49	*	2	26	0·0
56	53	50	0·1	0·2	0·6
54	48	*	3	25	0·0
54	50	49	1	19	0·8
56	52	48	0·5	1	0·9
54	51	49	1	0·1	0·8
57	52	49	1	0·3	1·7
54	50	47	3	2	0·4
(55)	48	*	2	2	2·4
54	49	47	5	1	0·2
55	51	47	1	0·2	*
54	49	43	0·1	Tr	0·7
54	47	40	0·3	Tr	0·3
53	48	40	1	12	0·1
50	44	40	1	6	0·0
50	48	46	3	5	0·0
51	49	*	1	1	0·0
50	43	39	7	22	0·0
51	48	44	4	1	*
50	47	*	0·3	-	0·0
49	47	*	6	Tr	*
53	47	*	6	9	1·1
51	46	*	0·5	6	1·8
53	48	46	2	7	*
53	48	*	0·4	15	2·4
53	46	39	3	4	0·2
53	45	40	22	3	*
53	49	*	2	5	

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather Morning.	Weather Afternoon.	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	cir,bcc	cm$_o$ bc	bc c$_o$c	57	54	51	0·1	0·1	1·0	*	*	7
Croydon	217	c	c$_1$r$_o$	pr$_o$ c$_o$c$_o$bc	56	54	51	0·1	0·3	0·2	*	*	7
Greenwich (Royal Observatory)	149	bc	c	c$_o$r$_o$c$_o$	57	52	49	-	0·3	0·5	84	74	7
City (Bushill Row)	—	*	*	*	*	*	*	*	*	0·7	*	*	*
Westminster (St. James' Park)	27	*	*	*	59	54	48	—		1·2	77	70	*
Regents Pk. (Botanic Gardens)	168	*	*	*	57	53	50	Tr	-	0·0	85	72	*
Camden Square	110	c	c	*	56	53	47	-	Tr	*	*	73	*
Kensington	80	cbcc	cir$_o$	*	57	54	47	Tr	Tr	0·7	At 18h. 75	72	*
Hampstead Observatory	450	bc	bcp	c	55	51	43	0·1	Tr	0·2	*	86	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·3	14-16h & 8h	<0·3	23-7h & 8h-9h

Kew Observatory. Max.	Time.	Min.	Time.
0·2	17h & 8th	40·1	0h-6h & 9th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 8th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 9th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1013·9	SSE	3	bc	50	1004·6	SW	3	bc	48	55	46	Tr	-
Brussels	1014·3	SSE	5	bc	50	1008·0	SSE	5	c	48	54	46	0·1	-
Berlin	1020·8	S'E	3	F+	46	1019·1	SE'S	3	m	45	48	45	1	-
Zurich	1023·9	W	1	f	41	1019·0	E'S	1	of	37	48	37	Tr	Tr
Rome	1020·9	—	0	bc	55	1021·1	NE	2	c$_3$	43	*	*	-	Tr

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† The observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h § Sea disturbance reported from Dungeness

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 10th December 1934.

No. 26681

OBSERVATIONS at 13h. G.M.T. 9th 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)	992.1	-28	S	4	rr	53	95	6	6	2	·	4-6	10	2500
	Croydon	993.4	-26	SSE	4	r. r.	52	85	6	6	2	·	7-8	10	1500
	S. Farnborough	991.4	-26	S'E	5	r. r.	51	95	6	6	2	·	7-8	10	800
	Boscombe Down	988.9	-18	S'E	6	rr	52	95	5	6	·	·	10	10	220
	Calshot, S'thmtn	990.8	-14	SSE	6	rr	53	95	6	6	2	·	9+	10	1500
	Lympne	995.8	-24	SSE	5	r.	50	85	7	5	7	·	2-3	10	4000
	Manston	996.3	-20	S	6	q.	53	75	9	5	·	·	10	10	4000
2	Shoeburyness	994.9	-22	S'W	4	pr	51	85	7	6	2	·	4-6	10	2500
	Felixstowe	995.3	-30	SSE	6	c	51	85	7	5	2	·	7-8	9+	4000
	Gorleston	996.4	-34	SE'S	7	c	51	85	6	5	·	·	9+	9+	2500
	Cranwell	990.4	-30	SE	6	c/pr.	51	85	7	6	2	·	9+	10	1500
3	Birmingham	987.6	-26	S	4	RR	51	95	7	6	·	·	10	10	800
	Upper Heyford	989.6	-26	SE	4	RR	51	95	6	6	·	·	10	10	800
4	Ross-on-Wye	987.2	-10	SW	5	c/r	50	75	8	6	2	·	2-3	9+	2500
5	Portland Bill	989.5	-6	SSW	7	c	52	85	7	5	4	·	7-8	10	1500
	Plymouth	989.1	+34	SW'W	4	c	49	85	8	5	7	9	4-6	9+	2500
	The Lizard	989.0	+20	SW'S	5	c	51	85	8	8	6	·	4-6	7-8	2500
	Scilly (St. Mary's)	987.3	+18	SW'W	5	q.	53	85	7	8	7	3	4-6	7-8	2500
	Guernsey	991.2	0	SW	5	fr.	53	86	6	8	·	·	10	10	1500
6	Pembroke	982.6	+50	WSW	7	r. r.	48	85	6	5	·	·	10	10	1500
7	Holyhead	975.2	-50	S'E	5	r. r.	53	75	6	5	2	·	7-8	10	2500
	Chester (Sealand)	982.0	-28	SE'S	6	r. r.	55	75	8	6	·	·	9	9	800
8	L'pool (Bidston)	980.8	-34	S	6	r. r.	54	75	7	9	1	·	7-8	9	2500
	Manchester	983.8	-34	S'E	6	r. r.	55	75	6	5	2	·	9	10	1500
9	Harrogate	987.3	-26	SSE	4	r. r.	51	86	6	6	2	·	9	10	2500
10	Spurn Head	990.3	-16	S'W	6	c	50	95	7	3	2	·	7-8	10	2500
	Catterick	985.8	-34	SE'S	5	c	51	85	7	5	2	·	7-8	10	2500
	Tynemouth	986.6	-28	S	6	c/pr	52	86	7	6	·	·	9+	9+	1500
11	Inchkeith	982.4	-24	SE	5	r.	54	75	7	6	9	·	7-8	9+	1500
	Leuchars	983.1	-18	SE	5	c	53	85	7	6	2	·	7-8	9+	1500
12	Renfrew (Abbotsl.)	979.9	-38	E	1	rr	48	95	5	6	·	·	10	10	800
	Eskdalemuir	981.8	-26	SE'S	5	c/r	51	85	7	5	2	·	7-8	10	1500
13A	Tiree	978.2	-14	S'E	2	c	48	95	7	8	2	·	4-6	9+	1500
13B	Stornoway	979.1	-12	S	3	c	49	95	8	5	2	·	7-8	10	1500
15	Dalwhinnie	·	-22	S	6	RR	49	95	6	6	·	·	10	10	800
	Aberdeen	985.9	-24	SE'S	5	ir	50	95	6	6	2	·	9	10	800
	Wick	983.6	-24	SSE	8	c	50	95	7	6	2	·	7-8	10	1500
16	Lerwick	989.5	-22	S'E	8	ir.	50	95	5	5	·	·	10	10	800
17	Blacksod Point	978.8	0	SW	3	bc	49	85	8	3	·	1	4-6	4-6	1600
18	Malin Head	977.7	-14	S	2	c	47	95	7	8	·	·	9+	9+	1500
	Aldergrove	980.1	-10	SW	2	rr	45	95	6	6	2	·	7-8	10	800
	Donaghadee	978.3	-24	NW	1	rr	47	95	7	6	·	·	10	10	800
19	Birr Castle	980.5	+4	SW	1	c	46	95	8	5	·	·	9+	9+	2500
20	Valentia Obsy.	982.1	+14	SW	4	c	50	85	8	8	3	1	4-6	7-8	1500
	Roches Point	984.2	+24	W	2	bc	50	85	8	8	·	2	4-6	4-6	1500

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

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)
993.8	+20	SSW	3	c/R	50	95	7	5	7	·	2-3	7-8	2500	1	*
994.1	+14	SSW	3	r. r.	51	85	6	·	2	·	0	9+	5700	2	·
993.8	+26	S	1	bc	49	95	7	5	·	·	2-3	2-3	2500	1	·
993.3	+26	SSW	3	c	47	95	7	5	·	·	7-8	7-8	4000	1	·
994.5	+32	SW	2	bc	49	95	7	9	4	·	2-3	4-6	1600	1	2
995.7	+2	S	5	c/r.	51	95	6	5	·	2	9+	9+	2500	1	§5
995.6	+2	SSE	5	c/r.	51	95	7	5	2	·	4-6	7-8	1500	1	*
994.3	+4	S	4	o/r.	52	95	7	6	·	·	10	10	2500	1	*
994.9	0	S	5	c/r.	50	95	6	6	2	·	7-8	10	4000	1	5
994.9	0	SSE	6	rr	51	95	6	6	·	·	10	10	800	1	5
992.0	+24	SW'6	3	c/R	48	95	7	5	1	·	7-8	9+	1500	1	*
991.8	+34	SSW	3	bc	46	85	6	6	·	·	4-6	4-6	1500	1	*
992.8	+24	SSW	3	c	45	95	7	5	7	·	4-6	7-8	2500	1	*
991.8	+24	SW	3	c	47	75	8	·	1	·	0	7-8	·	1	·
993.8	+28	W	4	bc	52	85	7	4	·	·	4-6	4-6	2500	1	5
992.3	+22	SW'S	4	bc	51	85	8	8	7	1	4-6	4-6	2500	1	3
992.6	+20	WSW	5	pr.	47	95	8	8	·	·	10	10	2500	1	3
991.1	+20	SW'W	4	bc	48	95	7	8	3	·	2-3	4-6	2500	1	3
995.1	+30	WSW	3	ir.	51	85	8	6	·	·	10	10	1500	2	4
987.5	+20	SW'W	6	bc	51	75	7	5	·	·	4-6	4-6	1500	1	4
986.5	+36	SW	4	bc	50	85	7	1	·	·	2-3	2-3	2500	1	3
989.4	+26	S'W	2	bc	45	85	7	5	·	·	2-3	2-3	4000	1	*
988.9	+24	SSE	3	bc	45	85	8	1	4	·	1	2-3	4000	1	*
989.7	+24	S	3	3.	45	85	6	5	·	·	2-3	2-3	2500	1	*
989.4	+20	SSW	3	b	45	85	5	·	·	·	0	0	·	1	*
990.3	+ 2	SSW	4	o	50	95	6	5	·	·	10	10	1500	1	3
988.3	+34	SSW	4	bc	46	75	8	8	·	·	4-6	4-6	2500	1	*
986.1	+12	SSW	5	c/r	49	75	7	6	·	·	9+	9+	1500	1	3
979.0	-12	SSE	6	c	48	85	8	8	2	·	2-3	9+	1500	1	3
979.0	-24	SE	5	c	51	85	6	5	·	8	7-8	9	1500	1	*
981.9	+42	SW'W	4	r. r.	45	95	6	9	·	·	10	10	1500	1	*
983.8	+42	SW	6	c	43	85	8	5	·	·	7-8	7-8	1500	1	*
978.4	+8	SSW	3	c	47	95	6	8	2	·	7-8	10	1500	1	3
977.1	-6	SW	2	r. r.	46	95	6	5	2	·	7-8	10	1500	1	1
978.2	-6	S	6	RR	47	95	5	6	·	·	10	10	450	2	·
982.2	-18	SE'S	6	rr	50	95	6	6	·	·	10	10	800	1	4
980.8	-12	SSE	8	c	50	95	7	6	2	·	7-8	10	1500	1	4
981.2	-6	SE'S	7	c	50	85	6	5	2	·	9	10	800	0	·
981.3	+18	SW	3	bc	49	95	8	3	·	1	4-6	4-6	1500	1	3
979.7	+20	S	4	c	46	95	8	4	1	·	4-6	7-8	4000	0	1
983.6	+34	S'W	4	c	45	95	7	5	7	·	7-8	7-8	1500	1	·
982.9	+40	SW	1	c	46	95	7	5	·	·	9	9	1500	1	1
984.4	+16	SW	2	bc/pr	45	95	8	3	·	·	4-6	4-6	2500	1	·
986.5	+30	SSW	3	bc	46	95	8	3	·	·	4-6	4-6	2500	1	5
987.4	+28	W	2	bc	49	95	8	3	·	·	2-3	2-3	2500	1	4

PAST 24 HOURS.

Weather. 7h.–13h. 9th (37)	13h.–18h. 9th (38)	18h. 9th to 1h. 10th (39)	1h.–7h. 10th (40)
cr. r	orr Rc	bc r. bc m.	b m bc f w
bcc r. r. m.	crR r. r. m.	c r c bm.	bbcc bm.
r. r rro	or Rr ebc	c pr. b	bw c
corr om. c	or r m. c	c b c b	bf FF
crr Rm.	crr Rqc	c bc pr pr	bc m.
cr. q	cqrr. q m.	cqr bc	c
bcc q	cr. r. q	c i r. q	c bc bbc
bcc pr	cir.	c pr m.	c pr m.
bcc	cir r. r. 3.	c w. i r. bc	bcc m.
cq	corq	or r c	bc
cpir s	crr ik	c b w.	b w.
cir. o	Roc	bc	bcb
r. RR	RR	bc	bc f Fe
pqir	cbc	c b bc pb	b
prc	cbc	or Rbc	bc
crr. m.	bccprbc	bccPRHb	bccpr.
crr rqc	cpr. q	pr bcc	cpr. c
orr qc	p. qbc	bc 2c	cbc
cqqir	qir bc	air bc	bbcc
cq PRm ir	cqir bc	bcpr	bcpr
RRc	kq Rm	pr. pr	c w. bc
oir.	r. cvbc	bcb	bc pr. w
cqp. q	qccb	c i r c b	b bw
cir.	ir. r r	b w. w	b w. w b
cqr.	cir b	b	bbc
co	rro	bc	bc
c	cr. o Rbc	bc w.	bc w w m.
cpq	coirq	cbc b	bbc
cir.	cproq	cbc	bc
cir.	cbm. c	c b c w	b c w
om. Rr r	rr cr. r.	cr. r. pr	cbc
crr ir	pr. bc	cpr	cr i R
c	cir	c PR	c R
cir. c	crr	crr pr	c pr q
rrc	ir c		i r c
oir m.	or. r r	o r r c	cbc j.
cpr. c	c	cpr bc	bc
coir m.	oir. fm	cr i g m.	ow cbc
bc	pr. bc	pr. c q	pr. q
bcc	c	cpr.	bcc
cr. RR	c	cbc	bcc pr.
corr	rr obc	bc	pr. bc
bcc	cpr	bc	bc
pr bcc	pr pr. bc	bcc PR q	pr bcc
cbc	cp. br c	bc w	bc w

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.
"t r" 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.*

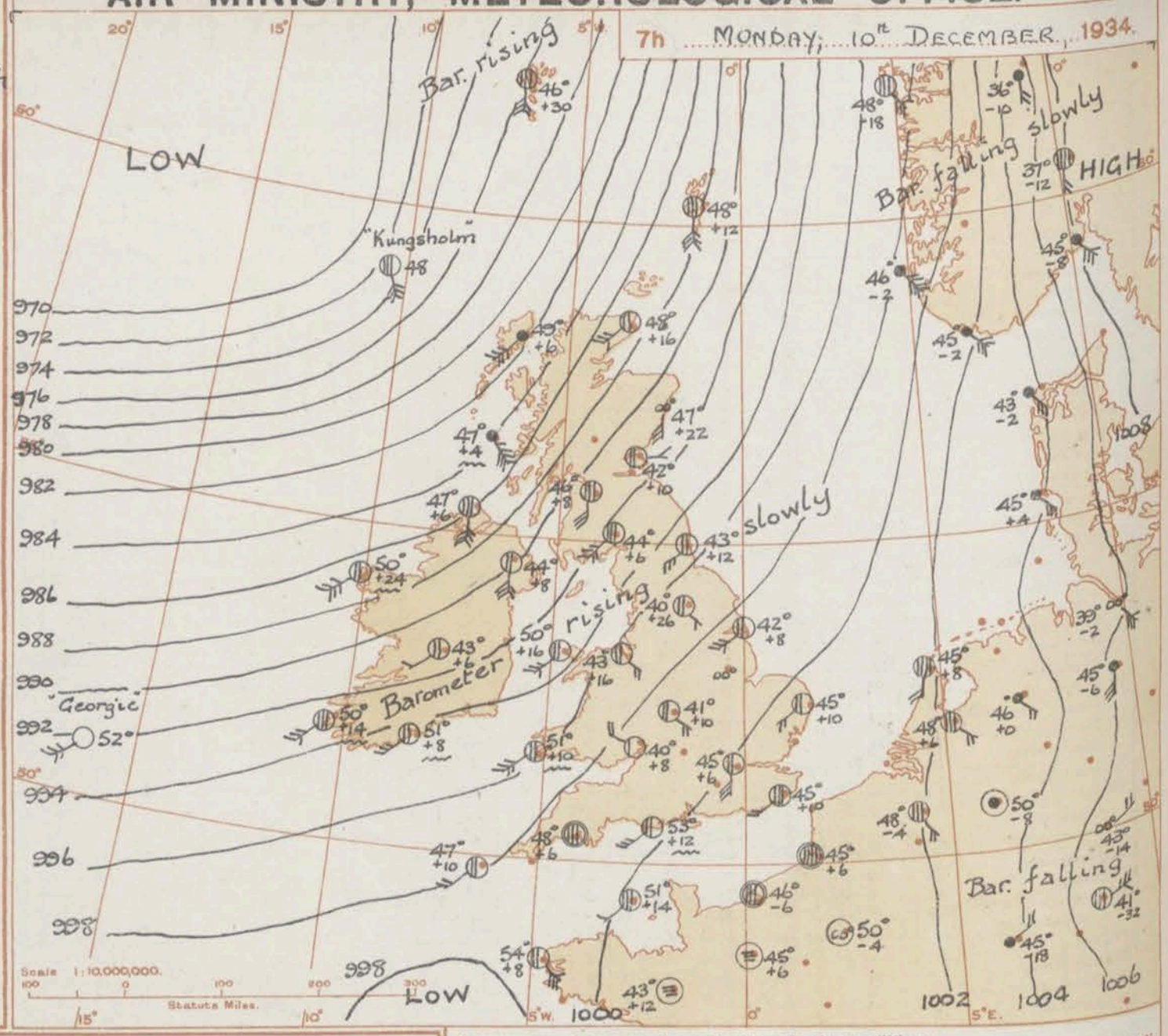
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for.... Sunday 9th December 1934

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 8th to 9h. 9th.	Temperature. Max. 9h.—17h. 9th.	Rainfall. Night. 17h. 8th to 9h. 9th.	Rainfall. Day. 9h.—17h. 9th.	Sunshine. Sunrise to Sunset. 8th.
1	Tunbridge W.	cor	orr	51	53	·	6	0·0
	Bournemouth	ro	doc	49	54	1	5	0·0
	Ventnor ...	rou	oru	51	53	0·5	5	0·0
	Southsea ...	orr	oRr	51	54	1	19	0·0
	Bognor Regis	or rr	rro	53	54	0·6	6	0·0
	Littlehampton	cr	crc	53	56	0·5	9	0·0
	Worthing ...	ir	ir	53	54	0·3	4	0·0
	Brighton ...	dod	do	53	55	Trace	3	0·0
	Eastbourne†	cor,	r, roiro	53	55	Trace	2	0·0
	Hastings† ...	cod,	ordo	51	54	0·2	2	0·0
	Folkestone ...	co	or	52	53	-	2	0·0
	Dover... ...	c	ircor	52	54	·	2	0·0
	Deal	co	rr	51	54	·	2	0·0
	Ramsgate ...	ccr	oro	51	54	·	1	0·0
	Margate ...	c	cr	50	54	·	0·4	0·0
2	Southend ...	cor	ore	50	53	0·3	1	0·0
	Maldon ...	c	oir	50	53	1	1	0·0
	Clacton-on-Sea	c	cor	49	52	·	0·5	0·0
	Dovercourt ...	roc	roc	50	53	1	1	0·0
	Lowestoft ...	c	copr	50	52	·	1	0·1
	Skegness ...	o	or	49	52	-	1	0·0
	Mablethorpe	or	or	49	50	0·3	2	0·0
	Cleethorpes ...	cor	cor	50	53	·	0·3	0·0
3	Leamington S.	or	orc	52	53	1	10	0·0
4	Cheltenham†	oir	oRrc	48	55	3	6	0·3
5	Bath	crr	rc	53	55	6	3	0·0
	Weymouth ...	cpc	c	52	56	2	0·5	0·1
	Jersey ...	cr	cq	53	55	Trace	3	0·4
	Torquay ...	poRpq	bcop,	55	56	8	2	1·3
	Penzance ...	cbc	ber	47	53	23	Trace	1·8
	St. Ives ...	c	c	46	51	33	-	1·3
	Bude	prc	pcbc	50	52	15	1	0·0
	Ilfracombe ...	o	op	49	50	13	0·1	0·0
6	Aberystwyth	rr	cpr	46	53	6	2	0·0
7	Llandudno ...	roc	cpqc	51	57	7	1	0·1
	Colwyn Bay...	roc	cpc	51	57	4	·	0·1
	Rhyl	cpr	cbc	52	58	1	0·5	0·2
8	Wallasey ...	irc	pcbc	52	53	0·3	Trace	0·0
	Southport‖ ...	o	obcb	52	56	0·2	-	0·0
	Blackpool ...	oq	oqc	51	55	-	-	0·0
	Morecambe ...	c	c	52	57	0·5	-	0·0
9	Ilkley... ...	o	ogcpc	49	53	5	1	0·0
10	Berwick-on-T.	or,	r,r,o	48	51	1	1	0·0
11	Dunbar ...	cr,	cr,	42	56	0·3	2	0·0
12	Troon... ...	rroro	rrorr	48	52	9	17	0·0
	Douglas ...	oRR	oiRc	48	52	25	16	0·0

† 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. 10th Dec. 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Light or moderate southerly or variable wind; mainly fair at first; perhaps rain later; mild.
5. S.W. England	Light or moderate southwest or variable wind; bright intervals, local showers; mild.
6. South Wales 7. North Wales 8. N.W. England	Moderate southwest wind; bright intervals, showers; mild.
9. N. Midlands 10. N.E. England 11. S.E. Scotland	Moderate south to southwest wind; bright intervals, local showers ; mild.
12. S.W. Scotland & Isle of Man	Moderate or fresh south to southwest wind; occasional rain or showers, bright intervals; mild.
13. A. W. Scotland B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	South to southwest wind, strong at times; occasional rain or showers, bright intervals; mild.
17. N.W. Ireland 18. N.E. Ireland	Fresh southwesterly wind; showers and bright intervals; mild.
19. S.E. Ireland 20. S.W. Ireland	As 6 - 8

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

GENERAL INFERENCE.

A deep depression is centred south of Iceland while another depression over the Bay of Biscay is likely to move east or northeast. There will be showers or occasional rain in most districts and conditions will continue mild.

FURTHER OUTLOOK.

Mild and rather unsettled.

Times of issue of Gale Warnings.

South Cone at 1930 On 7th in dists. 13A, 13B 16(part of) and 17.

South Cone at 0800 on 9th in district 16(remainder)

Forecasts issued at 1000 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

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

Morning of
Monday,
10th DECEMBER
1934.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

MONDAY 10th DECEMBER 1934.

No. 26081

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

Distrct.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force. 0-12	Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud. Form. Low.	Form. Med.	Form. High	Amount. Low 0-10	Amount. Total 0-10	Height of Base. (feet)
		(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	998.5	+10	S	3	b	46	95	6	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	999.9	+14	SW'S	2	c	46	95	9	5	-	-	7-8	7-8	2500
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	998.4	+18	S'W	2	bc	49	95	6	5	-	-	4-6	4-6	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Rose-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	996.7	+12	WSW	4	bc	52	85	8	4	-	-	2-3	2-3	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	995.7	+14	SW	4	c	50	95	8	8	-	-	7-8	7-8	2500
	Scilly (St. Mary's)	163	995.3	+14	SWW	4	c	50	95	7	8	-	-	7-8	7-8	2500
	Guernsey	175	998.1	+6	WSW	2	b	49	95	7	-	-	-	0	0	-
6	Pembroke	142	992.4	+16	SWW	5	bc	51	85	7	8	-	-	4-6	4-6	2500
7	Holyhead	26	990.7	+16	SW'S	4	c/pr	50	85	6	8	-	-	9	9	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	995.7	+10	SW	2	bc	43	95	7	-	1	-	0	2-3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	991.5	+12	SSW	3	b	44	85	6	-	-	-	0	0	-
11	Inchkeith	190	988.1	+18	SW	4	bc	47	85	8	5	5	-	2-3	4-6	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	979.3	+10	SW	4	c/pr	47	85	7	8	7	-	4-6	7-8	1600
15	Dalwhinnie	1178	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	983.4	+56	SSW	5	bc	47	75	8	8	1	-	2-3	4-6	1600
16	Lerwick	156	982.3	-16	SE	8	o	48	85	5	5	-	-	10	10	800
17	Blacksod Point	18	984.0	+8	SW	6	q	50	85	7	9	-	-	9	9	800
18	Malin Head	52	983.5	+12	S	5	bc	45	95	7	3	-	-	2-3	2-3	1600
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	989.3	+14	SW'S	3	bc/pr	49	95	8	6	-	-	4-6	4-6	1600
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Distrct.	Stations.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force. 0-12	Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud. Form. Low.	Form. Med.	Form. High	Amount. Low 0-10	Amount. Total 0-10	Height of Base (feet)	State of Ground.	Sea.
		(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	London (Kew)	1000.3	+4	-	0	bc/f	43	95	2	5	-	-	2-3	2-3	2500	1	*
	Croydon	1000.3	+6	S	3	bc	45	95	6	-	7	1	0	2-3	-	1	*
	S. Farnborough	1000.1	+10	S	1	c	45	95	6	5	3	2	2-3	9	2500	1	*
	Boscombe Down	999.8	+8	ESE	2	b/f	42	95	2	-	-	-	0	0	-	1	*
	Calshot, (S'thmtn)	1000.0	+10	SSE	2	c	49	95	8	8	-	8	4-6	7-8	1500	1	1
	Lympne	1001.4	+10	WSW	2	c	45	95	8	5	-	8	1	9+	4000	1	§ 2
	Manston	1000.0	+8	WSW	1	c	47	95	7	5	-	-	7-8	7-8	4000	1	*
2	Shoeburyness	1000.9	+4	-	0	c	43	95	6	5	-	-	9+	9+	1500	1	*
	Felixstowe	1000.8	+10	SW'S	2	3o	44	95	6	-	2	7	0	9	-	0l	0
	Gorleston	1000.5	+10	SSW	2	bc	45	95	6	4	-	-	4-6	4-6	2500	1	2
	Cranwell	999.1	+18	S'E	3	3o	40	85	6	5	-	-	2-3	2-3	4000	1	*
3	Birmingham	999.4	+10	SSE	2	bc	41	95	7	-	-	5	0	2-3	-	1	*
	Upper Heyford	999.7	+10	S'E	1	c F	37	95	1	5	-	-	9+	9+	450	1	*
4	Rose-on-Wye	998.6	+8	WNW	2	b	40	95	6	-	1	-	0	1	-	1	*
5	Portland Bill	998.8	+12	WSW	3	bc	53	95	8	4	-	-	4-6	4-6	1500	1	4
	Plymouth	998.4	+6	-	0	c	48	95	7	5	7	6	2-3	7-8	1500	1	3
	The Lizard	998.1	+8	SW'S	2	c	49	95	8	9	2	-	7-8	10	1500	2	4
	Scilly (St. Mary's)	997.5	+10	WSW	2	bc	47	85	7	8	-	-	4-6	4-6	2500	1	2
	Guernsey	1000.2	+14	SSW	1	c	51	95	8	8	-	-	9	9	2500	1	3
6	Pembroke	994.4	+10	SW'W	5	bc	51	95	7	5	-	-	4-6	4-6	2500	1	4
7	Holyhead	993.8	+16	SSW	4	bc	50	85	7	1	3	-	2-3	4-6	2500	1	3
	Chester (Sealand)	996.7	+16	SE'S	2	bc	43	95	7	5	-	-	4-6	4-6	2500	1	*
8	L'pool (Bidston)	996.1	+14	SSW	4	bc	44	95	8	5	-	-	2-3	2-3	2500	1	*
	Manchester	996.8	+16	S'W	3	b	43	95	7	5	-	-	1	1	2500	1	*
9	Harrogate	997.2	+26	SSE	1	bc	40	95	7	5	4	-	2-3	4-6	2500	1	*
10	Spurn Head	998.7	+8	SW	4	bc	42	95	7	5	1	-	2-3	4-6	1500	0	3
	Catterick	996.4	+16	-	0	bc/f	38	95	5	5	-	-	4-6	4-6	4000	1	*
	Tynemouth	994.1	+12	SW	3	bc	43	95	7	2	-	-	2-3	2-3	2500	1	2
11	Inchkeith	991.2	+14	S	1	bc	47	85	8	4	-	-	2-3	2-3	4000	0	1
	Leuchars	991.6	+10	E	1	bc	42	95	8	7	4	-	2-3	2-3	4000	1	*
12	Renfrew (Abbotsl)	990.4	+8	S	3	c	46	85	7	8	-	1	4-6	7-8	2500	1	*
	Eskdalemuir	992.3	+6	S'W	5	c	44	95	7	5	-	-	7-8	7-8	1500	1	
13A	Tiree	983.8	+4	SSE	7	RR	47	95	6	6	7	-	9+	10	800	1	45
13B	Stornoway	981.1	+6	SSW	6	by	49	85	7	8	6	-	4-6	10	1500	1	3
15	Dalwhinnie	988.3	+6	S	5	iY	42	95	7	4	6	-	4-6	7-8	1500	1	*
	Aberdeen	990.9	+22	S	3	3o	47	85	6	5	-	-	4-6	4-6	2500	1	3
	Wick	987.1	+16	SSW	4	bc	48	85	8	8	1	-	4-6	4-6	1500	1	3
16	Lerwick	987.9	+12	S	6	c	48	95	7	8	2	-	7-8	9+	800	1	*
17	Blacksod Point	986.4	+24	SW	6	bc/y	50	85	7	9	-	-	4-6	4-6	800	1	4
18	Malin Head	984.2	+6	S	6	c/q	47	95	7	8	-	-	9+	9+	1500	1	1
	Aldergrove	990.6	+8	S	5	bc	44	85	5	5	-	-	4-6	4-6	2500	1	*
	Donaghadee	990.6	+8	SW	2	c	46	95	7	9	-	-	9	9	1500	1	1
19	Birr Castle	990.9	+6	SW	1	bc	43	95	8	-	5	-	0	2-3	-	1	*
20	Valentia Obsy.†	992.7	+14	SW'S	4	c	50	85	8	5	1	1	4-6	7-8	1500	1	5
	Roches Point	994.8	+8	WSW	3	bc	51	95	8	5	-	-	4-6	4-6	2500	1	4

PAST 24 HOURS.

Distrct.	Stations.	Temperature. Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Rainfall. Day 7h-18h mm.	Rainfall. Night 18h-7h mm.	Sunshine 9th Hrs.
		(31)	(32)	(33)	(34)	(35)	(36)
1	London (Kew)	55	43	34	7	0·1	0·0
	Croydon	55	45	41	10	0·6	0·0
	S. Farnborough	53	41	32	15	0·1	0·3
	Boscombe Down	52	39	33	13	0·2	0·3
	Calshot, (S'thmtn)	54	48	39	12	3	0·0
	Lympne	51	44	36	2	2	0·0
	Manston	53	43	39	1	0·3	0·0
2	Shoeburyness	53	41	31	0·5	0·4	0·0
	Felixstowe	52	41	40	2	0·1	0·0
	Gorleston	51	44	41	1	1	0·0
	Cranwell	51	40	37	7	-	0·0
3	Birmingham	53	40	37	10	-	0·1
	Upper Heyford	53	37	29	13	0·2	*
4	Rose-on-Wye	54	40	30	5	0·3	0·1
5	Portland Bill	55	47	*	Tr.	11	*
	Plymouth	55	47	42	3	3	0·2
	The Lizard	54	46	*	2	1	*
	Scilly (St. Mary's)	53	46	*	6	-	2·5
	Guernsey	56	49	42	5	0·2	0·2
6	Pembroke	54	48	*	12	0·6	0·0
7	Holyhead	56	47	45	19	1	0·0
	Chester (Sealand)	55	40	33	0·3	0·1	0·2
8	L'pool (Bidston)	54	43	40	Tr.	1	0·1
	Manchester	56	43	35	1	Tr	0·0
9	Harrogate	51	40	31	0·3	-	0·0
10	Spurn Head	52	41	*	2	-	0·0
	Catterick	49	38	36	23	6	0·0
	Tynemouth	53	42	37	1	-	*
11	Inchkeith	56	45	40	Tr.	Tr	0·0
	Leuchars	54	41	31	Tr.	-	0·0
12	Renfrew (Abbotsl)	55	44	40	10	2	0·0
	Eskdalemuir	52	40	37	6	9	0·0
13A	Tiree	50	45	42	0·6	2	0·0
13B	Stornoway	52	45	*	5	8	0·0
15	Dalwhinnie	49	38	36	23	6	0·0
	Aberdeen	51	45	40	13	0·5	*
	Wick	51	43	*	0·1	0·3	
16	Lerwick	51	45	*	0·1	1	0·0
17	Blacksod Point	51	49	*	0·4	2	*
18	Malin Head	49	44	*	-	0·1	0·0
	Aldergrove	50	42	39	9	Tr	0·0
	Donaghadee	51	40	*	15	0·2	*
19	Birr Castle	49	(43) 39	32	Tr.	-	1·7
20	Valentia Obsy.†	51	46	40	1	3	2·9
	Roches Point	51	44	*	Tr.	Tr	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather Morning.	Weather Afternoon.	Weather Night.	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset. hrs.	Humidity 15h. G.M.T. %	Humidity 9h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	cY,Y	ovvRc	bcv,fw	55	43	34	7	0·1	0·0	*	*	1
Croydon	217	bcv,fv,c	cvRv,c	cvv,bc	55	45	41	10	0·6	0·0	*	*	4
Greenwich (Royal Observatory)	149	civ,c	cSvR	cbv,cc	53	43	40	6	0·3	0·0	94	97	4
City (Bunhill Row)	—	—	—	—	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park)	27	*	*	*	57	46	39	7		0·0	95	96	*
Regents Pk. (Botanic Gardens) †	166	*	*	*	55	45	38	7	-		89	99	*
Camden Square	110	cY	cY	*	54	45	38	7	-	*	95		*
Kensington	80	cY	cY	*	55	44	·	9	0·2	0·0	At 18h. 91	94	*
Hampstead Observatory	450	bc o Y	oY	o m d	53	43	40	9	0·2	0·0		99	*

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 9th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 10th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1001·0	SSW	3	iv,	54	1001·5	-	0	o 3o	50
Brussels	1000·7	S	5	c	54	1002·0	SSE	2	c	48
Berlin	1013·5	SE	3	bc	46	1010·4	SE	2	bc 3o	39
Zürich						1006·0	NNE	1	c	39
Rome	1013·4	ESE	4	c	55	1015·9	SE	4	c	55

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
55	50	3	0·3
54	48	-	3
·	37	-	-
	36		0·1
·	·	-	2

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·3	11-13h. 9th	<0·3	0-7h. 10th

Kew Observatory. Max.	Time.	Min.	Time.
0·3	20h. 9th	<0·1	2-5h. 10th

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, 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 9h. § Sea disturbance reported from Dungeness

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 11th December 1934.

No. 26682

OBSERVATIONS at 13h. G.M.T. 10th 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)	°F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	1002·6	0	W'N	1	cm	49	85	4	5	-	-	7-8	7-8	1500
	Croydon	1002·5	0	SSW	1	bc	52	85	6	1	-	1	2·3	4·6	1500
	S. Farnborough	1002·2	+6	-	0	c	50	95	5	2	-	-	7-8	7-8	4000
	Boscombe Down	1001·8	+2	-	0	bf	47	95	2	2	-	-	0	0	-
	Calshot, S'thmtn	1002·3	+3	S'W	2	bc	55	85	7	3	4	3	2·3	2·3	2500
	Lympne	1002·8	-2	SW	1	c	53	85	7	5	-	3	7-8	7-8	1500
	Manston	1002·4	+4	SE	1	c	52	85	7	-	-	2	0	7-8	-
2	Shoeburyness	1002·5	+4	SSE	1	c	51	85	6	-	7	3	0	9	-
	Felixstowe	1002·8	+6	SW	1	3o	51	85	6	5	1	7	2·3	9	800
	Gorleston	1002·5	0	S	1	bc	49	95	6	-	7	-	0	4·6	-
	Cranwell	1001·3	0	SW	2	3o	50	75	6	-	7	1	0	2·3	-
3	Birmingham	1001·2	+4	WSW	2	bc	48	85	5	-	1	1	0	4·6	-
	Upper Heyford	1002·2	+2	S'W	1	of	43	95	5	5	-	-	10	10	450
4	Ross-on-Wye	1001·0	0	SSW	2	c	50	85	7	6	-	6	1	9	2500
5	Portland Bill	1001·8	+2	WSW	3	bc	54	95	8	4	4	-	4·6	4·6	2500
	Plymouth	1000·8	+2	S	3	cjp	52	85	7	6	2	-	4·6	10	1500
	The Lizard	1000·4	0	NW	2	c	49	95	8	8	6	-	7-8	7-8	2500
	Scilly (St. Mary's)	1000·3	+2	SW	3	bc	53	85	8	2	7	3	2·3	4·6	2500
	Guernsey	1002·3	+4	SW	2	bc	52	85	7	8	7	-	4·6	4·6	2500
6	Pembroke	998·6	0	SW	4	bc	52	85	7	7	6	-	2·3	4·6	5700
7	Holyhead	997·2	+10	SSW	5	bc	53	75	8	1	-	4	4·6	4·6	2500
8	Chester (Sealand)	1000·0	+8	S	2	3o	51	75	6	5	-	4	2·3	4·6	2500
	L'pool (Bidston)	999·1	+4	SW'S	3	3o	49	85	5	-	-	8	0	1	-
	Manchester	999·9	+6	SSW	4	3o	49	85	6	5	-	6	Tr	4·6	2500
9	Harrogate	997·5	+10	SSW	2	m	48	85	4	5	-	1	2·3	2·3	1500
10	Spurn Head	1001·3	0	-	0	bc	48	95	6	5	2	1	2·3	4·6	1500
	Catterick	999·1	+6	SE	2	3o	43	95	5	2	-	1	2·3	2·3	4000
	Tynemouth	997·9	+4	SSW	3	bc	48	85	6	5	-	-	2·3	2·3	1500
11	Inchkeith	993·1	+4	SSW	3	bc	51	65	8	8	6	1	4·6	4·6	2500
	Leuchars	993·4	+6	S	4	bc	49	75	8	7	-	1	4·6	4·6	2500
12	Renfrew (Abbotsl.)	992·6	+6	SSW	5	c/pr	49	85	7	7	-	3	9	9	2500
	Eskdalemuir	995·1	+6	SSW	5	pr	46	95	7	8	-	-	9+	9+	1500
13A	Tiree	997·9	+36	SSW	6	c/r	49	95	6	8	7	3	4·6	9+	1500
13B	Stornoway	982·2	+10	SSW	6	cr	48	95	7	8	6	-	7-8	9	1500
15	Dalwhinnie	989·9	+8	S	4	cc	44	85	7	5	2	-	4·6	10	1500
	Aberdeen	992·5	-2	S'E	5	3o	48	85	6	5	-	3	1	2·3	1500
	Wick	987·2	-4	S	6	c	48	85	8	5	3	1	4·6	7-8	2500
16	Lerwick	989·5	+4	S	6	bc	48	85	7	5	7	-	2·3	4·6	1500
17	Blacksod Point	991·1	+10	SW	4	c	50	95	7	3	-	-	7-8	7-8	800
18	Malin Head	989·2	+22	S	5	c	49	95	7	8	8	-	4·6	9+	1500
	Aldergrove	994·1	+14	SSW	5	c	48	85	8	5	-	-	9+	9+	1500
	Donaghadee	993·8	+8	SW	2	c	48	85	8	5	3	-	9	9	1500
19	Birr Castle	995·1	+10	SW	1	c	48	75	8	8	-	-	7-8	7-8	2500
20	Valentia Obsy.	996·1	+16	S'W	4	c	50	85	8	9	-	3	2·3	9	1500
	Roches Point	998·7	+10	WSW	3	bc	52	85	8	8	-	-	4·6	4·6	1500

OBSERVATIONS at 18h. G.M.T. 10th 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)	°F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	1004·5	+10	-	0	bf	42	95	0	-	-	-	0	0	-	1	*
	Croydon	1004·4	+14	S	3	m	45	95	4	-	-	-	0	0	-	1	*
	S. Farnborough	1004·2	+20	-	0	bf	42	95	1	-	-	-	0	0	-	1	*
	Boscombe Down	1003·4	+8	SE'S	1	cf	46	95	3	5	-	-	7-8	7-8	1500	1	*
	Calshot, S'thmtn	1004·2	+14	SW'S	2	c	51	95	7	8	7	-	4·6	9+	2500	1	1
	Lympne	1004·6	+6	W'N	1	3o	45	95	6	-	-	-	0	0	-	1	§1
	Manston	1004·0	+10	W	1	3o	45	95	6	-	3	-	0	2·3	-	1	*
2	Shoeburyness	1004·7	+8	-	0	bf	40	95	3	-	7	-	0	Tr	-	1	*
	Felixstowe	1003·9	+6	W'S	1	m	47	95	4	-	-	-	0	0	-	1	0
	Gorleston	1003·6	+6	W'S	1	m	47	85	4	-	-	9	0	4·6	-	1	1
	Cranwell	1003·8	+16	S	3	F	42	95	1	5	-	-	10	10	<150	1	*
3	Birmingham	1004·[illegible]	+14	S	2	m	45	95	4	5	-	-	4·6	4·6	4000	1	*
	Upper Heyford	1004·0	+14	SSE	1	of	45	95	2	5	-	-	10	10	450	1	*
4	Ross-on-Wye	1002·5	+8	S'W	1	cr	48	85	6	-	2	-	0	9+	-	1	*
5	Portland Bill	1003·3	+10	SSW	4	c	52	95	8	4	4	-	4·6	7-8	2500	1	3
	Plymouth	1002·0	+2	S'E	1	bc	50	85	7	5	3	1	4·6	4·6	2500	1	2
	The Lizard	1002·1	0	-	0	bc	47	95	8	8	-	-	4·6	4·6	2500	1	2
	Scilly (St. Mary's)	1001·5	+2	SW	3	bc	48	95	8	5	-	1	2·3	4·6	1500	1	2
	Guernsey	1004·7	+18	W'S	3	RR	49	95	6	6	-	-	10	10	1500	2	3
6	Pembroke	1000·6	+8	SW'S	4	c	51	85	7	5	-	-	9	9	2500	1	3
7	Holyhead	998·6	+8	SSW	3	bc	50	85	8	1	-	8	2·3	2·3	2500	1	2
8	Chester (Sealand)	1001·2	+10	SSE	2	3o	43	85	6	5	4	-	1	1	4000	1	*
	L'pool (Bidston)	1003·9	+10	SW	3	o	48	75	8	-	-	-	0	0	-	1	*
	Manchester	1001·4	+14	S'W	3	m	43	95	4	-	-	-	0	0	-	1	*
9	Harrogate	1000·8	+6	SSW	2	b	44	95	5	-	-	-	0	0	-	1	*
10	Spurn Head	1002·7	+4	SW	2	F	42	95	1	5	-	-	10	10	<150	2	1
	Catterick	1000·5	+16	SSE	1	3o	42	85	5	4	-	-	1	1	2500	1	*
	Tynemouth	999·0	+18	SW	2	bc	47	85	6	2	-	-	2·3	2·3	2500	1	1
11	Inchkeith	995·3	+8	SSW	2	bc	48	85	8	5	6	-	4·6	4·6	2500	0	1
	Leuchars	995·4	+14	S	3	bc	48	85	6	5	-	-	2·3	2·3	2500	1	*
12	Renfrew (Abbotsl.)	995·3	+14	S	4	3o	48	85	6	8	-	-	9	9	4000	1	*
	Eskdalemuir	997·0	+16	SSW	5	pr	47	95	7	8	-	-	9+	9+	1500	1	*
13A	Tiree	999·7	+12	S	6	PR	49	95	6	9	-	-	7-8	7-8	1500	1	5
13B	Stornoway	986·1	+20	SW	6	pr	49	95	8	9	6	-	7-8	9	1500	1	3
15	Dalwhinnie	992·7	+16	S	4	bc	43	85	7	4	2	-	2·3	4·6	1500	1	*
	Aberdeen	994·8	+26	S'W	4	b	48	75	6	4	-	-	1	1	2500	1	2
	Wick	990·0	+20	SSW	6	bc	47	85	8	8	1	-	4·6	4·6	2500	1	3
16	Lerwick	989·4	0	SW	7	c	48	95	7	5	-	-	7-8	7-8	1500	0	*
17	Blacksod Point	991·7	+6	SSW	4	bc	50	95	7	3	-	-	4·6	4·6	800	1	3
18	Malin Head	991·6	+12	S	4	c	48	95	7	4	-	-	7-8	7-8	1500	1	1
	Aldergrove	996·0	+14	S'W	4	bc	47	85	8	5	7	-	2·3	4·6	2500	1	*
	Donaghadee	995·9	+6	SW	1	c	47	85	8	5	-	-	9	9	1500	0	0
19	Birr Castle	996·3	+6	SW	1	c	46	95	8	8	-	-	7-8	7-8	2500	1	*
20	Valentia Obsy.	995·3	-6	S	5	bc	50	85	8	5	-	2	2·3	4·6	1500	1	4
	Roches Point	998·7	+4	SW	4	bc	50	95	8	3	-	1	2·3	4·6	1500	1	4

PAST 24 HOURS.

Stations.	Weather. 7h.–13h. 10th (37)	Weather. 13h.–18h. 10th (38)	Weather. 19h. 10th to 1h. 11th (39)	Weather. 1h.–7h. 11th (40)
London (Kew)	cfcm	bcm bFw	bFoFfe	bcpcm
Croydon	bbcmcm	bcm m	bm cffcc	bcd cm
S. Farnborough	cbcfcm	cbcf bFe	bFebc	epr c
Boscombe Down	bFff	bfc Fe	cf bcm	bcprc
Calshot, S'thmtn	bcbm	bcc	cprmc	cpr c
Lympne	ccf bc	cbcf bcm	bm fm	bm bwc
Manston	cm bc	bcm	bcbmw	bww
Shoeburyness	cm	cm bf	bfefe	bfecm
Felixstowe	cm cm	c3 bm	bmFeFe	FeFec
Gorleston	bc3	bccfw	comffe	offe
Cranwell	bccb	bo F	offe	offe
Birmingham	bbc	bcm	bcfc	cbc
Upper Heyford	cFe	cfm Fe	cFem	bcm
Ross-on-Wye	bbcc	cbcc	rcbm c	cbb
Portland Bill	bcc	c	ORbc	bc c
Plymouth	cmjp	cjpc	bc c	bc cv
The Lizard	rrpr	obc	bcc	cpr c
Scilly (St. Mary's)	bccbc	bccbc	bccbc	rr rr
Guernsey	cqbc	bcc	cirbc	c
Pembroke	bc	bc	bccqic	bcirc q
Holyhead	bcjp	bc	PRbc	bcc
Chester (Sealand)	bc	bcm3m	bm	bbcpr
L'pool (Bidston)	bm	b	b bw	bw bc
Manchester	bcm	bc6m	bmw	bm w
Harrogate	cb m	m bc6	b	b bcm
Spurn Head	bc	bcff	FFW	F fw
Catterick	fbcmmq	bcm bw	bm wF	fom w
Tynemouth	bcm	bcm	bxoff	off
Inchkeith	bc	bccr	bc	cbc
Leuchars	bcw	bcopr	bm bc	bc cw
Renfrew (Abbotsl.)	bcrpq	c3	c3 m	cm cr
Eskdalemuir	prPR	pRpr	c PR	cprc
Tiree	rRR	cpR	pr bc	rR
Stornoway	ccrq	cc pr	cprq	cprq
Dalwhinnie	crc	crc		irc
Aberdeen	bc3	bc3 b	b3	b bc3
Wick	bcc	cpr bc	bc	bcc
Lerwick	cbc	bcc	cpg bc	bc c
Blacksod Point	PRq	p bcc	PRcq	ir
Malin Head	cpr	c	C	cpr
Aldergrove	cp c	cbc	bcb	b crr
Donaghadee	bc	bc	bc c	cq ir
Birr Castle	bccpr	c	c	cpr
Valentia Obsy.	cbcc	cbc	r r rr c	pr bc
Roches Point	bc	bcbc	bc ir	orr bc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s, 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/t, 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. "t r" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ of the sky. "9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

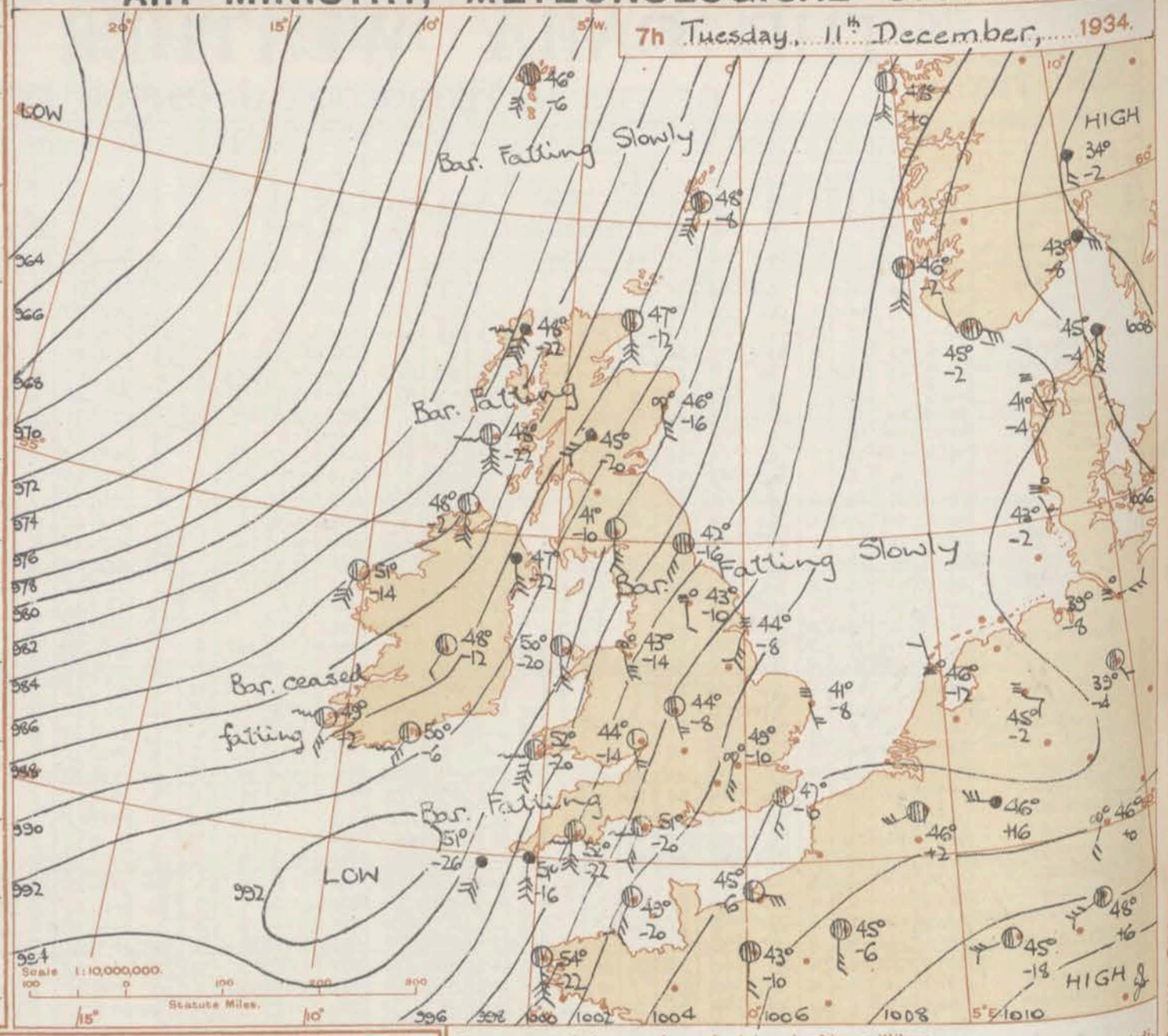
REPORTS from HEALTH RESORTS for 10th December 1934

Districts	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	cbc	cbm	42	51	1	-	2·8
	Bournemouth	b	b	39	53	3	-	5·5
	Ventnor ...	pbbc	bccc	47	56	1	-	4·4
	Southsea ...	b	bcb	47	53	3	-	4·0
	Bognor Regis	bc	bcb	49	55	2	-	4·5
	Littlehampton	bc	bc	49	55	1	-	4·7
	Worthing ...	cbc	bcb	48	54	3	-	4·0
	Brighton ...	cb	bc	49	54	1	-	3·5
	Eastbourne†	cbc	bcb	49	54	5	-	3·4
	Hastings† ...	cbc	bcbc	47	54	1	-	3·5
	Folkestone ...	bcm	bcm	43	54	0·4	-	0·6
	Dover... ...	fbc	cbcf	45	53	0·5	-	2·4
	Deal	fc	c	43	52	1	-	0·3
	Ramsgate ...	cbcc	cbc	43	53	0·2	-	1·2
	Margate ...	cbc	bcc	47	54	1	-	1·0
2	Southend ...	cbc	bcmb	45	52	2	Trace	1·0
	Maldon ...	Fcb	cF	38	50	2	-	0·6
	Clacton-on-Sea	cbcc	cm	41	51	0·4	-	0·7
	Dovercourt ...	rcbcm	bcbf	44	51	1	-	1·9
	Lowestoft ...	qcbc	cbcf	43	51	1	-	2·1
	Skegness ...	bco	cm	42	46	0·2	-	0·0
	Mablethorpe	bc	ccmd	39	44	1	Trace	1·7
	Cleethorpes ...	cbcr	cf	39	50	1	-	3·1
3	Leamington S.	ccbc	cf	38	52	-	-	2·7
4	Cheltenham†	bcbc	bcbf	40	51	0·3	-	2·7
5	Bath	bbc	bccpb	36	54	1	0·3	3·8
	Weymouth ...	fb	bcc	39	56	1	-	4·0
	Jersey ...	rcfcc	c	47	50	1	-	0·0
	Torquay ...	pfbcp	bccRpc	39	53	2	6	0·1
	Penzance ...	pcrbc	bbcb	47	54	3	0·4	2·0
	St. Ives ...	c	b	46	54	2	-	1·9
	Bude	cbcc	cbc	44	50	1	-	0·1
	Ilfracombe ...	co	oc	46	51	2	-	0·4
6	Aberystwyth	prcbc	bcc	46	53	1	-	3·9
7	Llandudno ...	bcb	b	46	54	1	-	5·2
	Colwyn Bay...	bcb	b	46	52	3	-	3·3
	Rhyl	b	b	45	53	0·3	-	5·3
8	Wallasey ...	bcb	b	44	53	0·3	-	4·9
	Southport‖ ...	b	b	42	51	0·1	-	4·2
	Blackpool ...	cbc	bc	41	51	0·3	-	4·2
	Morecambe ...	cbc	bbcbc	42	50	Trace	Trace	4·0
9	Ilkley... ...	bc	bc	43	49	-	-	5·0
10	Berwick-on-T.	bc	bcc	42	51	-	-	4·3
11	Dunbar ...	cbc	bcr	44	51	-	Trace	2·3
12	Troon... ...	cbcc	crc	47	51	2	Trace	0·0
	Douglas ...	cbbc	cbbc	43	52	3	-	4·8

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Tuesday, 11th December, 1934.



Districts	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 11th Dec. 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Light to moderate or fresh southerly wind, veering southwest later; cloudy to dull, some rain, bright intervals later; mild.
5. S.W. England 6. South Wales	Strong southerly wind veering and moderating temporarily; rain at first, bright intervals and showers later; mild.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland	Wind south to southwest, fresh or strong at times; cloudy, occasional rain, bright intervals later; mild.
12. S.W. Scotland & Isle of Man 13. A. W. Scotland B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Fresh or strong southerly wind, gale at times locally on coast; cloudy, rain at times; mild.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind south to southwest, fresh or strong at times; bright intervals, occasional rain or showers; 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 3/10 clouded. ◑ Sky 4/10 to 6/10 clouded. ◕ Sky 7/10 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet ▲ Hail ≡ Fog. ≡ Mist. T Thunder. K Thunderstorm. co Slight haze.
Sea Disturbance. ~ Rough. ≈ High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is low to southwest of Iceland. A secondary depression off Southwest England is likely to move northeast. Weather will be unsettled generally.

FURTHER OUTLOOK.

Rain at times.

Times of issue of Gale Warnings

- South Cone at 1930 on 7th in 13, 16(part of), & 17.
- South Cone at 0820 on 9th in 16(part of).
- South Cone at 0815 on 11th in 5 and 6.

Forecasts issued at 1000 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

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

Morning of
TUESDAY
DECEMBER 11th.
1934.

Clarke's Projection Scale 1:4×10⁷ along meridian at 55°N.
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ - Calm.

TEMPERATURE is given in degrees F.

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

Page 4.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 11th December 1934.

No. 26682.

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

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)	°F. Temp. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	10048	-4	SW	3	30	47	96	6	5	7	-	4-6	9	2500
	S. Farnborough	287	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	10055	0	WSW	2	m	43	96	4	-	-	-	0	0	-
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	10043	-4	SWS	1	F+	45	96	1	5	-	-	10	10	<150
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	10035	0	WSW	4	bc	52	85	8	4	-	-	4-6	4-6	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	10014	-4	SSW	5	c	50	96	8	8	6	-	7-8	9	2600
	Scilly (St. Mary's)	163	9996	-14	SWS	4	bc	50	96	7	8	3	-	2-3	4-6	2500
	Guernsey	175	10048	+2	SW	3	c	51	96	8	5	-	-	7-8	7-8	2500
6	Pembroke	142	9982	-6	SSW	5	ir	50	85	7	8	-	-	9+	9+	2500
7	Holyhead	26	9974	-12	S	5	bc	49	85	7	6	-	-	2-3	2-3	2600
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	10029	0	-	0	F	42	96	1	5	-	-	10	10	<150
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	10009	+4	SW	3	Of	46	95	3	5	-	-	10	10	1500
11	Inchkeith	190	9971	+2	SSW	2	bc	49	75	8	5	-	-	4-6	4-6	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	9881	0	S	7	pr	49	85	7	8	6	-	7-8	9+	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	9921	-4	SSW	6	bc	47	95	8	5	1	-	4-6	4-6	2500
16	Lerwick	156	9928	+8	SW	6	bc	48	85	7	5	-	-	2-3	2-3	1500
17	Blacksod Point	18	9880	-20	SSW	6	PR	50	95	7	6	-	-	10	10	800
18	Malin Head	52	9893	-14	S	5	c	47	96	7	8	-	-	9+	9+	1500
	Aldergrove	298	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	9903	-30	S	4	c/r	50	96	7	8	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 11th 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)	°F. Temp. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	1002·1	-8	SSW	2	c	47	95	6	8	8	-	7-8	7-8	1500	1	*
	Croydon	1003·2	-10	SSW	3	cz	49	85	6	5	-	-	9+	9+	1500	1	*
	S. Farnborough	1001·6	-12	S'W	2	cpr	49	95	6	5	-	-	9+	9+	1500	1	*
	Boscombe Down	1000·3	-16	S	4	c	47	95	6	5	-	-	9	9	1500	1	*
	Calshot, (S'thmtn)	1002·3	-10	S'E	5	cjp	50	96	7	6	1	-	7-8	9+	1500	1	3
	Lympne	1004·1	-10	SSW	2	c	47	95	8	5	-	1	7-8	7-8	1500	1	2
	Manston	1003·7	-6	WSW	2	b	44	95	7	5	-	-	1	1	1500	1	*
2	Shoeburyness	1003·3	-10	SW	1	c	46	95	6	8	-	-	10	10	2500	1	*
	Felixstowe	1003·4	-6	S'W	2	c/F	47	95	7	5	3	-	4-6	7-8	2500	1	0
	Gorleston	1003·5	-8	SSE	2	f	41	95	2	-	-	-	10	10	<150	1	2
	Cranwell	1001·0	-10	SSE	3	f	44	95	2	-	-	-	10	10	<150	1	*
3	Birmingham	1000·4	-8	SSE	2	c	44	95	7	5	-	6	2-3	7-8	1500	0	*
	Upper Heyford	1001·0	-10	SSE	2	bcz	44	95	5	5	7	-	4-6	4-6	1500	1	*
4	Ross-on-Wye	999·4	-14	S	2	b	44	95	7	4	1	1	Tr	1	4000	1	*
5	Portland Bill	1000·1	-20	SSW	4	c	51	95	7	5	-	-	10	10	1500	1	4
	Plymouth	997·9	-22	S	6	c	52	85	8	5	2	-	4-6	10	1500	1	4
	The Lizard	996·4	-16	S	6	rr	51	95	7	8	2	-	9	10	1500	1	3
	Scilly (St. Mary's)	994·1	-26	S'W	5	rr	51	95	6	6	-	-	10	10	1500	1	3
	Guernsey	1002·2	-20	SSW	4	c	49	96	7	8	-	-	10	10	2500	1	3
6	Pembroke	994·9	-20	S'W	7	cq	52	85	7	8	-	-	9	9	2500	1	4
7	Holyhead	993·4	-20	S'E	5	c	50	85	7	5	9	-	4-6	9	2600	1	3
	Chester (Sealand)	997·9	-14	SSE	3	cz	43	95	6	6	3	-	7-8	9	1500	1	*
8	L'pool (Bidston)	996·9	-12	SSE	4	bc	42	95	7	5	-	-	4-6	4-6	2500	1	*
	Manchester	998·3	-18	S	3	bz	42	95	5	5	-	-	1	1	2500	1	*
9	Harrogate	998·6	-10	S	1	cm	43	95	4	5	1	9	2-3	9	<150	1	*
10	Spurn Head	1000·3	-8	SSW	4	of	44	95	2	5	-	-	10	10	<150	1	3
	Catterick	998·1	-16	SSE	2	om	43	95	4	5	-	-	10	10	800	1	*
	Tynemouth	996·8	-16	SW	3	o	42	95	6	5	-	-	10	10	1500	1	1
11	Inchkeith	994·6	-10	SSW	2	c	46	85	8	4	-	-	7-8	7-8	2500	0	1
	Leuchars	993·9	-20	SSE	3	c	45	85	8	6	7	-	4-6	7-8	2500	1	*
12	Renfrew (Abbotsl)	992·2	-16	SSE	3	ir	48	86	6	9	-	-	9+	9+	2500	1	*
	Eskdalemuir	994·7	-10	S	4	c	41	95	7	6	-	-	9	9	1500	1	*
13A	Tiree	985·5	-22	SSE	7	c/r	48	95	6	8	7	-	9	9+	1500	1	4
13B	Stornoway	984·0	-22	SSW	8	pr	48	85	6	5	2	-	9	10	800	1	4
15	Dalwhinnie	993·0	-22	SW	4	ir	42	95	6	3	6	-	4-6	10	800	1	*
	Aberdeen	993·6	-16	S'E	4	bc	46	85	6	5	-	-	4-6	4-6	2500	1	2
	Wick	989·5	-12	S	6	c	47	96	8	8	1	-	4-6	7-8	2500	1	3
16	Lerwick	991·3	-8	SSW	7	c	48	96	7	8	-	-	7-8	7-8	1500	0	*
17	Blacksod Point	986·2	-14	SSW	6	bcq	51	85	7	9	-	-	4-6	4-6	800	1	3
18	Malin Head	985·4	-2	S	5	c	48	95	7	4	-	-	7-8	7-8	1500	1	1
	Aldergrove	990·2	-22	S'E	5	ir	47	95	7	6	2	-	4-6	10	1500	1	*
	Donaghadee	990·8	-20	SW	4	ir	45	95	7	6	-	-	9+	9+	800	1	2
19	Birr Castle	988·9	-12	SW	1	c/pr	48	95	8	6	-	-	7-8	7-8	2500	1	*
20	Valentia Obsy.†	989·5	-12	S'W	3	bc	49	95	8	5	1	-	1	4-6	1500	1	4
	Roches Point	991·9	-6	SW	3	bc	50	95	8	3	-	-	4-6	4-6	1500	1	4

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 10th Hrs. (36)
1	London (Kew)	50	42	36	0·1	01	13
	Croydon	54	43	40	-	02	25
	S. Farnborough	50	41	33	Tr	1	19
	Boscombe Down	47	41	38	0·2	05	08
	Calshot, (S'thmtn)	56	49	46	0·1	1	58
	Lympne	53	40	30	Tr	Tr	09
	Manston	53	36	33	-	02	15
2	Shoeburyness	52	33	28	-	-	11
	Felixstowe	51	38	33	-	Tr	20
	Gorleston	51	44	40	-	-	08
	Cranwell	51	41	40	Tr	01	37
3	Birmingham	49	41	38	-	-	16
	Upper Heyford	46	43	38	0·2	02	*
4	Ross-on-Wye	50	44	31	Tr	02	29
5	Portland Bill	55	50	*	-	3	*
	Plymouth	53	45	38	-	-	01
	The Lizard	53	46	*	2	01	*
	Scilly (St. Mary's)	53	46	*	-	2	37
	Guernsey	54	48	*	-	2	20
6	Pembroke	53	48	*	Tr	01	40
7	Holyhead	53	49	35	-	4	38
	Chester (Sealand)	51	37	30	-	01	44
8	L'pool (Bidston)	50	40	38	-	-	44
	Manchester	51	39	29	-	Tr	44
9	Harrogate	49	36	33	-	-	07
10	Spurn Head	50	41	*	-	Tr	32
	Catterick	49	37	35	-	-	08
	Tynemouth	48	46	37	-	-	*
11	Inchkeith	51	46	41	Tr	-	25
	Leuchars	51	44	38	Tr	Tr	24
12	Renfrew (Abbotsl)	50	46	40	0·4	Tr	13
	Eskdalemuir	47	39	39	5	3	00
13A	Tiree	50	46	44	6	3	09
13B	Stornoway	49	47	*	2	2	00
15	Dalwhinnie	44	41	38	5	3	00
	Aberdeen	49	44	40	-	-	21
	Wick	49	46	*	0·2	-	*
16	Lerwick	49	46	*	-	Tr	08
17	Blacksod Point	51	49	*	2	5	*
18	Malin Head	49	45	*	0·6	Tr	20
	Aldergrove	48	44	41	0·3	3	00
	Donaghadee	51	40	*	-	1	*
19	Birr Castle	51	43	36	§	4	24
20	Valentia Obsy.†	53	49	44	-	6	35
	Roches Point	53	50	*	-	8	*

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	cf cu	mb Fw	b6b7c	50	42	36	01	0·1	1·3	*	*	6
Croydon	217	b6cum	m6bcm	6fe4cm	54	43	40	-	02	2·5	*	*	6
Greenwich (Royal Observatory)	149	cum	bcm	bm5bc	50	44	32	-	Tr	0·3	90	88	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park)	27	*	*	*	52	49	46	-	-	0·0	84	85	*
Regents Pk. (Botanic Gardens) ‡	168	*	*	*	51	45	39	-	-	0·0	84	89	*
Camden Square	110	c	ccf	*	50	45	37	-	Tr	*	*	87	*
Kensington	80	bc	bcz	c	52	45	41	-	-	1·2	At 18h. 92	87	*
Hampstead Observatory	430	o	of	of	49	43	37	-	Tr	0·1	*	97	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

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

Kew Observatory. Max.	Time.	Min.	Time.
06	20h 10h	01	4h-7h 11h

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 10th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 11th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1008·9			o	48	1007·1	S	3	o	45
Brussels	1002·7	N	2	rr	48	1005·5	WSW	3	o	46
Berlin	1007·2	SE'E	3	c	45	1006·0	Se	2	cz	41
Zurich	1007·8	Nw	1	c	43	1012·4	S	1	o	45
Rome						1007·4	SSW	7	o	57

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
50	46	-	7
	39	-	-
	42	-	-
*	*		4

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.
Objects not visible at

0	Dense fog	55	yards.
1	Thick fog	220	"
2	Fog	550	"
3	Moderate fog	1,100	"
4	Mist or haze	1¼	miles.
5	Poor visibility	2¼	"
6	Moderate "	6¼	"
7	Good "	12¼	"
8	Very good "	31	"
9	Excellent "	beyond 31m.	

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† The observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 12th December 1934.

No. 26683

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

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)	999·5	-2·0	S'W	3	c	50	85	6	5	-	2	9-	9-	2500
	Croydon	1000·8	-1·8	S'W	4	c	49	85	7	5	3	-	9	9+	1500
	S. Farnborough	999·1	-1·6	S'W	3	c	49	85	7	5	-	-	10	10	1500
	Boscombe Down	997·7	-1·8	S'E	4	o	48	85	7	6	-	-	10	10	800
	Calshot, S'thmtn	999·5	-1·6	SSE	5	c	50	85	7	5	2	-	7-8	10	1500
	Lympne ...	1002·2	-1·4	S	4	c	45	95	7	5	-	-	9+	9+	800
	Manston ...	1002·0	-1·0	S	4	c	46	95	7	5	-	-	9+	9+	800
2	Shoeburyness	1001·4	-1·4	S	3	c	49	85	7	8	1	-	7-8	7-8	1500
	Felixstowe ...	1001·5	-1·4	SSW	4	c	49	85	8	5	-	8	7-8	7-8	2500
	Gorleston ...	1001·4	-1·4	S'E	4	c	51	95	6	8	-	-	7-8	7-8	2500
	Cranwell ...	999·4	-2·2	SSE	3	3o	48	95	6	7	3	8	4-6	9+	2500
3	Birmingham ...	997·2	-1·6	S	4	rr	47	95	5	6	2	-	7-8	10	800
	Upper Heyford	998·2	-1·4	S	3	c	47	95	7	6	7	-	9	10	1500
4	Ross-on-Wye ...	996·3	-1·4	S	4	r.r.	48	95	6	6	-	-	10	10	1500
5	Portland Bill	996·8	-1·6	S	6	rr	50	95	7	5	-	-	10	10	1500
	Plymouth ...	994·0	-3·0	SE	5	rr	50	95	7	6	2	-	7-8	10	800
	The Lizard ...	991·4	-2·8	S	6	rr	51	95	6	5	-	-	10	10	1500
	Scilly (St. Mary's)	990·9	-2·0	W's	2	cf	53	95	3	5	-	-	10	10	150
	Guernsey ...	998·4	-2·0	S	5	rr	48	95	6	6	-	-	10	10	1500
6	Pembroke ...	990·2	-1·0	S'E	5	q	51	95	6	5	-	-	9+	9+	2500
7	Holyhead ...	989·9	-1·8	S'E	5	c.k.	49	95	6	6	2	-	4-6	10	800
	Chester (Sealand)	994·2	-2·2	SSE	4	c.r.	48	85	6	6	2	-	4-6	10	2500
8	L'pool (Bidston)	993·5	-2·0	SSW	4	o/r	46	95	7	6	-	-	10	10	1500
	Manchester	994·7	-2·2	S	4	c.	47	95	7	6	7	-	2·3	10	1500
9	Harrogate ...	996·7	-1·4	SSW	3	c	46	85	5	5	7	-	2·3	9	2500
10	Spurn Head ...	997·9	-6	SSW	4	c	48	95	6	5	7	-	2·3	7-8	1500
	Catterick ...	994·4	-2·4	SSE	3	3o	45	95	6	5	3	-	7-8	10	800
	Tynemouth ...	994·5	-1·6	SW	3	c	47	85	6	5	-	-	9+	9+	1500
11	Inchkeith ...	991·1	-2·4	S	2	c	48	75	7	5	2	-	4-6	10	1500
	Leuchars ...	990·7	-2·2	SE	3	r.r.	45	95	6	5	-	-	10	10	1500
12	Renfrew (Abbotsl.)	988·9	-1·8	SE'S	4	r.r.	48	85	6	6	2	-	4-6	10	1500
	Eskdalemuir ...	991·5	-1·6	SSE	3	rr	43	95	6	6	2	-	9	10	800
13A	Tiree	983·8	-1·8	SSE	6	c	49	95	7	5	3	8	7-8	9	1500
13B	Stornoway ...	982·1	-1·0	SSW	7	c/pr	49	85	7	8	6	-	4-6	9	1500
15	Dalwhinnie ...	987·6	-1·8	S	4	cr	43	95	6	3	6	-	4-6	10	1500
	Aberdeen ...	991·5	-1·4	S'E	5	c.r.	47	85	6	6	2	-	7-8	10	1500
	Wick	987·5	-6	S	7	pr	47	85	8	8	1	-	7-8	9+	1500
16	Lerwick ...	989·3	-1·4	S'E	7	c	47	95	6	8	1	-	7-8	9+	800
17	Blacksod Point	985·2	-2	SW	3	6c	51	85	7	3	-	-	4-6	4-6	800
18	Malin Head ...	983·7	-1·2	S	4	c	45	95	7	8	-	-	9+	9+	1500
	Aldergrove ...	988·1	-1·0	S	4	c	50	85	8	5	-	3	9	9+	800
	Donaghadee ...	987·7	-0·6	SSW	2	c	51	95	8	5	-	-	9	9	1500
19	Birr Castle ...	988·3	-0·6	SW	2	c	51	85	8	5	-	-	9+	9+	2500
20	Valentia Obsy.	986·4	-1·8	S	5	pr.	52	95	7	6	2	-	7-8	10	800
	Roches Point	990·9	-1·0	SW	2	c	52	95	6	5	-	-	7-8	7-8	1500

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

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)
996·9	-1·8	SE	3	c	47	85	6	6	2	-	4-6	10	2500	1	*
998·2	-1·6	SE'S	4	c	46	85	6	5	-	-	10	10	1500	1	*
999·9	-2·2	SE'S	2	cr.	47	95	6	5	-	-	10	10	800	1	*
994·5	-2·0	SE	4	r.r.	46	95	7	6	-	-	10	10	800	1	*
996·5	-1·4	SE	4	r.r.	49	85	7	-	2	-	10	10	1500	1	4
999·8	-1·4	SSE	4	c	45	95	6	5	2	-	9	10	800	1	§
999·5	-1·4	S	5	c	44	85	6	5	-	-	10	10	800	1	*
998·9	-1·6	S	3	c	47	85	7	-	7	-	0	9+	-	1	*
999·4	-1·4	S	5	c	47	85	7	5	2	-	9	10	1500	0	4
999·4	-1·0	SSE	6	o	47	85	6	6	-	-	10	10	1500	1	4
996·2	-1·4	SE	4	rr	45	95	6	-	2	-	10	10	1500	1	*
994·9	-1·8	SSE	3	cr.	45	95	7	6	-	-	9+	9+	1500	1	*
995·8	-1·4	SE	3	r.r.	46	95	5	5	-	-	10	10	800	1	*
993·9	-1·4	S	1	cr.	46	85	6	6	-	-	10	10	1500	1	*
992·0	-3·0	SE	7	rr	48	95	6	6	-	-	10	10	1500	1	5
989·8	-2·6	SSE	5	d.d.	50	95	7	6	2	-	7-8	10	800	1	3
987·5	-2·0	-	0	bc	50	95	7	5	-	-	4-6	4-6	1500	1	3
987·9	-1·6	NW	1	f	47	95	7	5	-	-	10	10	150	1	1
992·8	-2·4	SE	6	rr	43	95	6	6	-	-	10	10	1500	2	4
987·9	-1·0	SE'S	5	c	50	95	7	5	-	-	10	10	1500	1	4
988·9	-0·6	S'E	5	c	50	85	7	5	2	-	4-6	10	800	1	3
992·3	-0·8	SSE	4	c	47	85	6	5	-	-	9+	9+	2500	1	*
991·3	-1·0	S'W	5	6c	45	85	8	4	-	-	4-6	4-6	4000	1	*
992·7	-1·0	S'W	4	3o	47	85	6	-	7	-	0	7-8	-	1	*
993·7	-1·0	S'E	3	r.r.	45	95	5	6	-	-	10	10	2500	1	*
995·4	-0·6	SSW	5	c	47	95	7	5	2	-	4-6	7-8	1500	0	4
993·0	-1·0	SSE	2	c/r	45	95	5	-	2	-	10	10	800	1	*
992·5	-0·4	S	4	cr.	47	95	6	6	-	-	10	10	1500	1	3
990·6	-0·6	S	3	c	47	85	8	5	-	-	7-8	7-8	1500	0	2
993·3	-0·6	SSE	4	c	46	85	6	5	-	-	10	10	2500	1	*
993·0	-0·2	SSE	3	3o	48	95	6	5	-	-	9	9	4000	1	*
993·9	-0·2	S'E	4	r.r.	44	95	6	6	2	-	7-8	10	800	1	*
993·8	+0·8	S'E	4	b	47	95	8	-	7	-	0	1	-	1	3
992·3	+0·6	SW	5	pr.	49	95	6	8	6	-	7-8	9	1500	1	2
986·9	-0·2	S	4	cr	44	95	6	5	1	-	4-6	7-8	1500	1	*
989·5	-0·6	S'E	5	c/r	47	95	6	6	-	-	9+	9+	1500	1	2
986·5	0	S	7	c	47	85	7	8	1	-	7-8	9+	1500	1	4
988·2	0	S'E	7	r.r.	46	95	6	6	-	-	10	10	800	1	*
993·1	-1·0	S	3	c	50	95	7	8	-	-	10	10	800	1	3
993·2	-2	S	3	c	49	95	7	5	-	-	9+	9+	1500	1	1
993·4	-2	SE'S	3	c	47	85	7	5	7	-	7-8	9+	1500	1	*
987·1	-2	SW	2	c	48	95	7	5	-	-	9	9	1500	0	1
985·4	-1·0	SW	1	c	49	85	8	5	-	-	9	9	2500	1	*
982·2	+2·4	S	5	cr.	51	95	6	6	-	-	10	10	800	1	4
987·1	-1·4	S	3	c	51	95	8	5	-	-	9	9	1500	1	4

PAST 24 HOURS. WEATHER.

7h.–13h. 11th (37)	13h.–18h. 11th (38)	18h. 11th to 1h. 12th (39)	1h.–7h. 12th (40)
cm.	c3o	cr.r.c	ec.r.
cm.c	c.m.	cm.r.r. cm.r.	c.6d.r.dd
pr.c	co.c.r.	ci.r.	r.r.m.o
cod.o	o.r.r.	cir.	o.r.r.
cpr.c	c.r.r.m.	a.r.r.	cr.r.
c.cd.c	cm.w	cm.cir.	ir.r.r R
bcc	cm.	cm.	cm.r.r
bc.c.m.	o	cm.	cr.r.m
cbcc	c	c	a.r.r.r
afc	co.q	oq.	o.r.q
a.f.f.e	cm.r.r	r.r.c	cr.r.
cr	o.r.r.	cr.d.	co
cd.r.	r.r.r.r.	cr.	cr.r.
bc.c.o.r	r.c.r.o	r.c.o	r.r.
orr	orr	cir	oirc
cr.r.m.	c.r.r.d.m.	cdr.r.m.bc	bc.bc.p.r
orr	r.r.m.bc	cm.do	opr.bc
r.r.c.r.f	c.f.f.f.e	o.f.c.ir	cp.bc
c.o.r.r.	o.r.r.r.	our	oirc
c.q.m.r.c	c.q.c.r.c	c.q.m.d.d	c.q.d.p.r.d
r.r.c	d.c.d.	c	c.i.r.c
c.c.r.m.	b.c.c.m.	cm.	cir.m.
b.c.o.r	o.c.b	b.c.o.r.	o.r.q
c.c.r.	r.r.r.c	cm.	cir.
m.f.c	c.o.r.r	c.o.r.	c.o.d.d
f.m.o.c	c	i.d.c	o.p.r
f.o.m.b.c.m.	c.o.c.r.m.	o.d.d.r.r.m	r.r.o.r.o
o.m.c	c.o.c.r.	o.i.r.q.	o.i.r.q.
o.r.r.r	o.r.r.r.	c.i.r.	c.i.d.
c	o.b.	b-c	c.i.d.r
c.p.r.q	c.p.r	b.c.c.P.R	c.p.r
c.r.c	c.r.c	.	i.r.c
c.c.r.	c.r.r.	c.i.r.	c.i.d.
c	c.b.c	c.b.c	b.c.c
c.c.r.c	c	c	c.r.o.d.
c.p.r.c	c	c	c.o.i.r.
c.p.r.	p.r.c.r.	o.r.r.r.	p.r.b.c
b.c.c.m.	c.m.c	c.b.c.w	r.r.b.c.b

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.
"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.

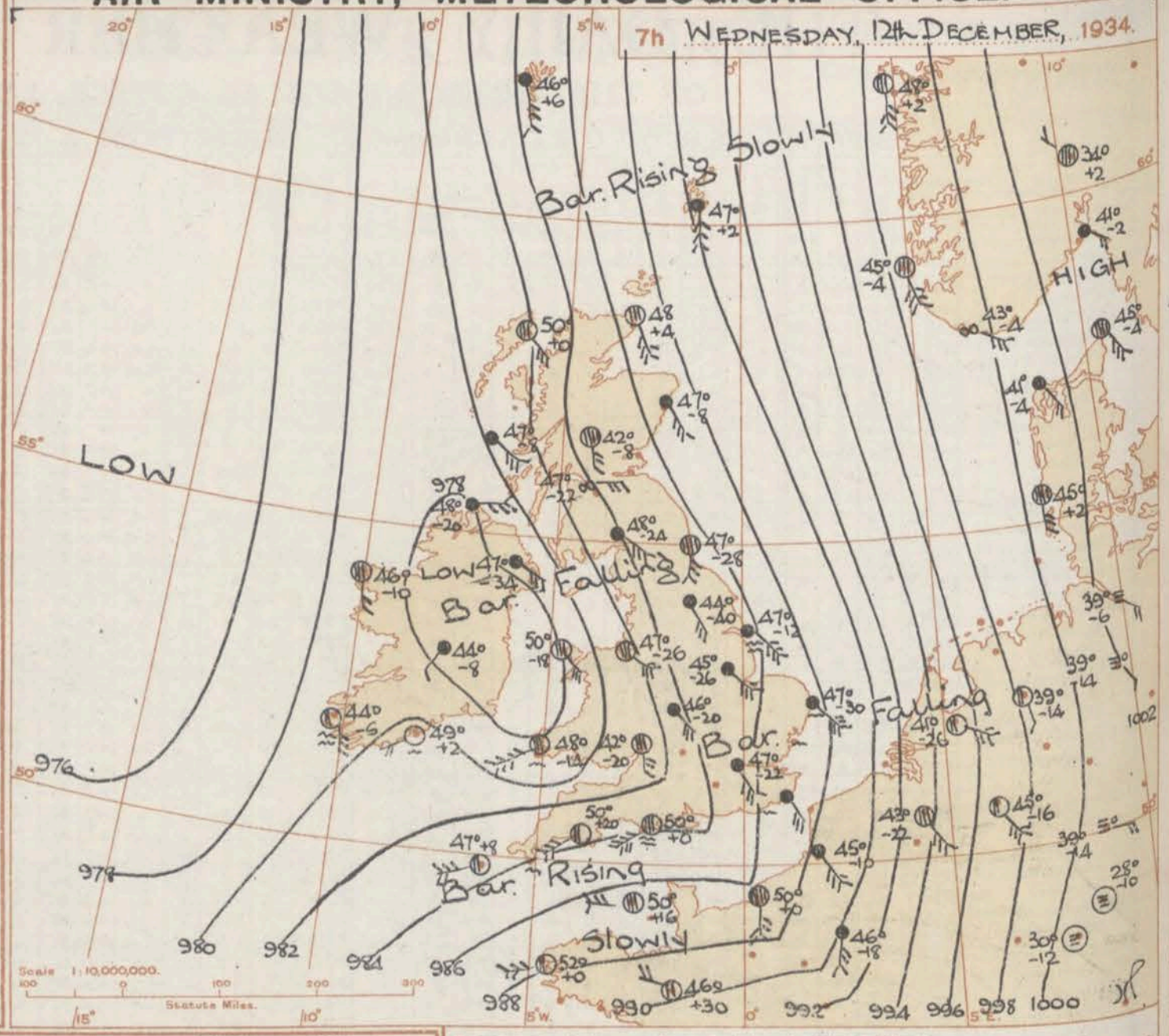
REPORTS from HEALTH RESORTS for 11th December 1934

Date	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 10th to 9h. 11th.	Temperature. Max. 9h.—17h. 11th.	Rainfall. Night. 17h. 10th to 9h. 11th.	Rainfall. Day. 9h.—17h. 11th.	Sunshine. Sunrise to Sunset. 11th.
1	Tunbridge W.	co	o	40	48	-	-	0·0
	Bournemouth	o	rsro	40	50	1	3	0·0
	Ventnor ...	pco	ocor	48	50	0·5	0·5	0·6
	Southsea ...	o	od$_3$	48	52	1	Trace	0·0
	Bognor Regis	bcoo	o	50	51	0·3	-	0·0
	Littlehampton	c	c	49	50	0·2	-	0·2
	Worthing ...	c	c	49	53	Trace	-	0·8
	Brighton ...	cg	cg	49	50	0·2	-	0·5
	Eastbourne†	co	o	43	51	-	-	0·0
	Hastings† ...	coc	oco	45	50	0·3	-	0·0
	Folkestone ...	co	o	43	51	0·2	-	0·4
	Dover... ...	co	o	41	54	-	-	0·1
	Deal	o	o	40	50	0·3	-	0·0
	Ramsgate ...	bcc	c	44	51	Trace	-	1·9
	Margate ...	bc	c	44	52	Trace	-	1·7
2	Southend ...	c	c	42	51	0·1	-	1·0
	Maldon ...	cb	c	37	50	-	-	0·8
	Clacton-on-Sea	cmbcc	c	38	50	0·1	-	0·7
	Dovercourt ...	dbc	bcoc	37	50	Trace	-	2·4
	Lowestoft ...	c	c	40	50	-	-	1·6
	Skegness ...	boo	o	41	49	0·1	-	0·4
	Mablethorpe	oc	c	41	48	Trace	-	0·6
	Cleethorpes ...	bgm$_2$	co	40	49	Trace	-	0·4
3	Leamington S.	o	od	40	50	Trace	2	0·0
4	Cheltenham†	ocor	ocr	43	50	Trace	3	0·0
5	Bath	or	rrc	40	51	0·3	5	0·0
	Weymouth ...	c	crr	45	51	1	5	0·0
	Jersey ...	por	r	47	49	Trace	5	0·0
	Torquay ...	porr	ordm$_2$	42	52	0·2	1	0·0
	Penzance ...	rmorr	ro	45	53	9	7	0·0
	St. Ives ...	r	cr	45	53	9	30	0·2
	Bude	ordo	cbcpd	40	51	2	2	1·5
	Ilfracombe ...	Pc	oo	45	50	2	5	0·5
6	Aberystwyth	cpr	bcc	44	50	-	2	0·8
7	Llandudno ...	cp$_2$c	cp$_2$bc	44	52	-	Trace	0·9
	Colwyn Bay...	oco	cbcb	42	50	-	-	0·0
	Rhyl	cd$_2$o	c	41	50	-	0·1	0·0
8	Wallasey ...	mcr	rcbc	41	49	Trace	3	0·0
	Southport‖ ...	bcor	robcb	39	48	-	3	0·0
	Blackpool ...	co	orc	40	47	-	3	0·0
	Morecambe ...	cber	rrc	42	48	Trace	4	0·5
9	Ilkley... ...	cgo	ogd$_2$o	35	48	-	1	0·3
10	Berwick-on-T.	o	co	40	46	-	1	0·0
11	Dunbar ...	om$_2$	bcr$_2$	42	47	-	0·3	0·0
12	Troon... ...	orcrc	crcbc	46	50	1	1	0·1
	Douglas ...	ocbq	crqcb	47	50	43	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.

7h WEDNESDAY, 12th DECEMBER, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 12th Dec. 1934.
1. S.E. England ↓ 2. E. England... ↓ 3. E. Midlands 4. W. Midlands 5. S.W. England ↓ 6. South Wales	Moderate or fresh south wind, strong locally; bright intervals and showers; mild.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England ↓	Wind south to southwest, fresh or strong locally; cloudy, occasional rain, bright intervals; mild.
11. S.E. Scotland ↓ 12. S.W. Scotland & Isle of Man 13. A. W Scotland ↓ / B. N.W. Scotland ↓ 14. Mid-Scotland 15. N.E. Scotland ↓ 16. Orkneys and Shetlands ↓	Moderate or fresh southerly wind, strong locally; cloudy, occasional rain; mild.
17. N.W. Ireland ↓ 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate or fresh south to southwest wind; cloudy, occasional rain or showers, bright intervals; 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 1/10 clouded. ◐ Sky 1/10 to 5/10 clouded. ◑ Sky 5/10 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet ▲ Hail ≡ Fog. ≡ Mist. T Thunder. ⚡ Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h., in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A large disturbance is situated on the Atlantic and a secondary trough of low pressure is crossing the British Isles. Weather will be mild and unsettled.

FURTHER OUTLOOK.

Unsettled.

Times of issue of Gale Warnings.

↓ South Cone at 1930 on 7th in dists. 13,16 (partof), & 17, at 0820 on 9th in dist. 16(part of), at 0815 on 11th in dists 5(part of), at 1410 on 11th in dists 1 (part of) & at 0830 on 12th in 1(part of) 2,10,11 & 15.

Forecasts issued at 1000 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

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

Morning of
Wednesday
December 12th
1934.

Lambert's Projection Scale 1 : 4 x 10^7 along meridian at 55°N
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 12th December 1934.

No. 26683

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

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)	°F. Temp. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	991.1	-3.4	SSE	4	3o	48	95	6	5	-	-	9+	9+	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	992.9	-3.0	SSE	4	o/r	47	85	8	6	-	-	10	10	800
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	994.1	-3.2	SE'S	6	o	46	95	6	6	-	-	10	10	1500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	985.4	-1.2	S'E	6	r	48	95	6	6	-	-	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	983.6	-1.6	SSW	4	o	49	95	7	5	-	-	10	10	2500
	Scilly (St. Mary's)	163	982.1	-2.8	SW'S	5	c/r	50	95	7	8	-	-	10	10	1500
	Guernsey	175	986.2	-3.0	S	5	o/r	51	95	8	5	-	-	10	10	2500
6	Pembroke	142	980.2	-1.8	S	5	dd	50	95	6	5	-	-	10	10	1500
7	Holyhead	26	983.2	-5.0	E'N	3	c	47	85	7	5	-	-	9	9	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	991.2	-1.2	S	5	c	45	95	7	5	2	-	4-6	10	2500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	990.2	-6	S	4	r	41	95	6	6	-	-	10	10	1500
11	Inchkeith	190	988.8	-8	S	3	bc	47	85	8	5	4	-	4-6	4-6	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	982.5	-2	SSW	5	PR	50	85	6	8	2	-	9	10	800
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	986.4	+2	S	5	bc	47	95	7	8	1	-	4-6	4-6	1500
16	Lerwick	156	989.0	+4	S	6	c/r	47	95	6	8	2	-	9	10	800
17	Blacksod Point	18	979.5	-8	S	3	r	47	95	7	6	-	-	10	10	450
18	Malin Head	52	980.0	-1.8	S	4	c	49	85	7	8	-	-	9+	9+	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	979.7	-1.4	S'W	5	RR	45	95	6	6	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
984.7	-2.0	SSW	3	r	48	95	7	6	2	-	7-8	9+	1500	1	*
985.4	-2.2	SSE	4	d	47	95	5	6	-	-	10	10	1500	1	*
984.0	-1.4	S	2	r	48	95	6	6	-	-	10	10	800	1	*
983.1	-.4	S	3	r	48	95	7	6	-	-	10	10	450	1	*
984.7	-.6	SSW	4	r	50	85	8	5	-	-	10	10	1500	1	1
987.2	-1.4	SSE	4	RR	46	95	5	6	-	-	10	10	450	1	§4
987.0	-2.0	S	5	r	45	95	6	6	-	-	10	10	800	1	*
986.7	-2.0	SE	2	RR	46	95	5	9	-	-	10	10	1500	1	*
987.7	-2.0	SSE	6	r	47	95	7	6	-	-	10	10	1500	1	4
987.4	-3.0	SE'E	6	r	47	95	6	6	-	-	10	10	1500	1	4
985.4	-2.6	SE'E	5	r	45	95	6	6	-	-	10	10	450	1	*
983.4	-2.0	SE	3	ir	46	95	7	6	-	-	10	10	1500	1	*
983.6	-2.2	SE	3	r	47	95	5	6	-	-	10	10	450	1	*
981.9	-2.6	S	3	c/r	~~43~~ 49	95	8	6	1	-	2-3	10	2500	1	*
982.3	0	SW	7	c	50	85	7	4	4	-	4-6	7-8	2500	1	5
983.6	+2.0	SW	5	bc	50	85	8	8	-	~~5~~ -	4-6	4-6	1500	1	3
984.1	+1.6	WSW	5	bc	49	85	8	8			4-6	~~4-6~~ 4-6	2500	1	4
983.5	~~+3.8~~ +2.8	W'S	5	bc	49	95	8	8	-	-	4-6	4-6	2500	1	3
980.7	+1.6	W	4	c	50	75	7	8	-	-	7-8	7-8	2500	1	3
977.6	-1.4	W'S	7	cq	48	85	7	8	6	-	4-6	9+	1500	1	4
978.2	-1.8	SE'S	3	c/r	50	85	7	5	2	-	7-8	10	2500	1	2
981.5	-2.6	SE'E	5	c/r	47	95	6	5	2	-	7-8	10	1500	1	*
980.4	-2.0	SSE	5	o	46	95	8	5	-	-	10	10	2500	1	*
982.6	-2.8	SE	4	r	47	95	6	5	-	-	10	10	2500	1	*
984.8	-4.0	SSE	3	dd	44	95	5	6	-	-	10	10	2500	1	*
985.9	-1.2	SSE	6	r	47	95	7	6	-	-	10	10	1500	1	5
984.7	-3.1	SE	4	o	45	95	6	5	-	-	10	10	800	1	*
983.0	-2.8	S	4	o	47	95	7	6	-	-	10	10	1500	1	3
985.4	-1.6	SE	3	o	46	85	8	5	2	-	2-3	10	1500	0	2
985.8	-1.8	SE	4	o	46	95	6	5	-	-	10	10	1500	1	*
983.5	-2.2	E	3	c	47	85	6	5	-	-	9+	9+	1500	1	*
983.3	-2.4	ESE	4	d	43	95	7	5	-	-	10	10	800	1	
980.9	-.8	ESE	~~4.5~~	d	47	85	6	8	2	-	9+	10	1500	1	§4
981.9	0	SE	3	c	50	85	7	8	6	7	7-8	9	1500	1	2
985.8	-.6	S	3	o	42	95	6	4	-	-	10	10	800	1	*
987.5	-.8	SE'S	4	d	47	95	6	6	2	-	7-8	10	800	1	2
986.9	+.4	SSE	5	c	48	95	7	8	2	-	7-8	10	1500	1	3
990.1	+.2	S	6	d	47	95	5	6	2	-	4-6	10	800	1	*
~~979.0~~ 979.0	-1.0	S	2	c	46	95	7	5	-	-	10	10	450	1	3
977.9	-2.0	E	4	d	48	85	6	8	-	-	10	10	1500	1	1
978.9	-3.4	E'S	3	d	47	95	5	5	-	-	10	10	450	1	*
978.8	-2.0	S'W	3	r	49	95	7	6	-	-	10	10	800	1	2
977.5	-.8	SW	1	r	44	95	7	6	-	-	10	10	1500	1	*
978.3	-.6	S'E	3	bc	49	95	8	5	-	-	2-3	2-3	1500	1	5
980.1	+.2	W'S	~~3.2~~	b	49	65	8	-	-	-	0	0	-	1	A

PAST 24 HOURS.

Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 11.15 Hrs. (36)
50	47	45	-	1	0.1
49	46	45	-	2	0.1
49	46	45	-	1	0.0
48	45	44	-	2	0.0
51	48	47	-	1	0.0
48	44	43	Tr	11	0.1
51	48	47	-	5	1.8
52	45	44	-	5	1.3
51	45	44	-	2	1.4
51	46	~~46~~ 44	-	0.2	1.9
49	43	43	-	2	0.1
48	44	43	4	1	0.0
48	45	43	2	0.5	*
48	46	44	4	3	0.0
52	46	*	4	3	*
52	49	44	15	2	0.0
54	48	*	21	3	*
53	46	*	9	0.3	0.0
50	49	45	9	5	0.0
53	46	*	4	2	0.0
50	46	45	3	1	0.0
49	45	40	0.2	1	0.1
47	44	41	1	1	0.1
49	46	41	2	Tr	0.0
46	43	42	2	2	0.0
48	45	*	-	1	0.3
46	43	43	0.4	2	0.0
48	46	43	Tr	0.6	*
48	45	41	-	-	0.0
47	45	40	0.6	-	0.0
48	46	42	5	-	0.0
44	43	43	5	0.6	0.0
49	47	44	-	0.2	0.3
50	47	*	7	1	0.1
44	44	39	4	0.4	0.0
47	46	40	1	0.2	*
49	47	*	Tr	-	0.0
49	46	*	0.4	1	*
52	45	*	0.6	13	*
50	47	*	-	Tr	0.3
50	47	44	0.1	0.1	0.2
51	45	*	1	1	*
51	43	41	0.1	1	0.8
52	42	37	0.3	10	0.0
53	44	*	-	5	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
KEW	18	cm	cz	cr ir	50	47	45	-	1	0.1	*	*	6
CROYDON	217	cm c	cm	r r d d d	49	46	45	-	2	0.1	*	*	6
GREENWICH (Royal Observatory)	149	c	c	cr d c d d	50	45	44	-	2	0.2	85	93	5
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.0	*	*	*
WESTMINSTER (St. James' Park)	27	*	*	*	53	47	46	2		0.2	77	91	*
REGENTS PK. (Botanic Gardens) ‡	108	*	*	*	51	47	45	-	3	0.0	81	97	*
CAMDEN SQUARE	110	c	c	*	50	47	45	-	3	*	*	96	*
KENSINGTON	80	bc c o	c o	o r	50	47	45	-	2	0.1	At 18h. 83	97	*
HAMPSTEAD OBSERVATORY	450	o	o r	o r	48	44	42	0.3	3	0.0	*	98	*

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 11th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 12th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
PARIS	1001.0	ESE	2	c	43	990.3	S	4	r	46
BRUSSELS	1003.1	S	2	b	41	992.7	SE	4	c	43
BERLIN	1007.1	S	3	c	41	1004.8	SE	3	cz	41
ZURICH	1009.2	ENE	1	b	41	1004.7	NE	1	f	32
ROME	1006.7	E	2	o	52	1006.5	-	0	bc	43

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
46	43	-	2
46	39	-	-
45	41	-	Tr
	32	1	Tr
*	*	7	2

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
Not available.			

Kew Observatory. Max.	Time.	Min.	Time.
0.1	21h	<0.1	0h-6h
	11th		12th

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† 9h. observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 13th December 1934.

No. 26,684

OBSERVATIONS at 13h. G.M.T. 12th 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)	987·1	+2·4	SW|W	4	c	52	75	8	1	-	8	7-8	9+	2500
	Croydon	987·7	+1·8	SW	4	bc	52	75	7	7	3	1	2-3	4-6	1500
	S. Farnborough	987·0	+1·6	SW	4	c	53	75	7	8	3	2	7-8	7-8	2500
	Boscombe Down	986·4	+1·0	SW	3	bc	51	75	7	7	-	-	4-6	4-6	2500
	Calshot, S'thmtn	987·1	+·8	SW'S	4	b/pr	53	75	8	7	4	-	1	1	2500
	Lympne	988·8	+1·2	SW|W	3	c	50	85	8	5	7	-	2-3	7-8	4000
	Manston	988·0	+·8	SW	5	c	51	75	8	-	-	9-6	0	9	-
2	Shoeburyness	987·6	+1·0	SW|W	2	c	51	75	8	-	1	-	0	9	-
	Felixstowe	987·3	+·2	SW	4	c	49	95	6	5	-	8	4-6	9	2500
	Gorleston	986·5	-·6	S'E	5	o/r	50	85	6	6	-	-	10	10	1500
	Cranwell	983·9	-·2	SSE	3	3o	48	95	6	8	3	8	7-8	9+	1500
3	Birmingham	984·0	+·8	SSW	3	bc	49	75	6	6	-	-	4-6	4-6	1500
	Upper Heyford	986·3	+2·6	SSW	4	c	49	75	8	4	-	-	4-6	7-8	1500
4	Ross-on-Wye	984·9	+1·2	SW	3	c	50	75	7	3	-	9	9	9	2500
5	Portland Bill	985·8	+·8	SW	7	pr.	50	95	7	4	7	-	4-6	7-8	1500
	Plymouth	985·7	+·2	SW	5	c/pr	52	75	8	8	3	4	4-6	7-8	2500
	The Lizard	985·5	0	SW'S	5	bc	52	85	8	8	6	-	2-3	4-6	4000
	Scilly (St. Mary's)	984·1	-·4	SW	5	bc	52	75	8	8	4	3	2-3	4-6	2500
	Guernsey	988·5	-·4	SW	4	bc	52	85	8	8	3	-	4-6	4-6	2500
6	Pembroke	981·9	0	WSW	6	q	51	75	7	5	2	-	7-8	9+	2500
7	Holyhead	979·5	+2·2	SW|W	5	c	49	85	8	5	-	-	7-8	7-8	1500
	Chester (Sealand)	982·1	+1·0	SW'S	3	c	50	65	7	8	7	-	4-6	7-8	4000
8	L'pool (Bidston)	981·6	+·4	W'S	3	bc	49	75	9	8	-	-	4-6	4-6	2500
	Manchester	981·6	+·2	SSW	4	c	51	75	7	5	3	1	7-8	9	4000
9	Harrogate	982·2	-1·4	S	1	c/r	45	95	4	5	-	-	10	10	<150
10	Spurn Head	983·3	-·6	SSW	4	o	47	95	7	5	-	-	10	10	1500
	Catterick	981·2	-·2·0	SSE	3	c/r	45	95	6	-	2	-	10	10	800
	Tynemouth	981·3	-2·0	SSE	5	o/r	47	95	6	6	-	-	10	10	1500
11	Inchkeith	981·0	-2·4	E	3	rr	46	95	7	6	-	-	10	10	1500
	Leuchars	981·4	-2·6	ESE	4	rr	47	95	6	6	-	-	10	10	450
12	Renfrew (Abbotsl.)	979·7	-2·2	ESE	3	r.	48	85	5	5	2	-	9+	10	1500
	Eskdalemuir	979·5	-2·0	SE'S	4	rr	44	95	6	6	2	-	9+	10	800
13A	Tiree	976·0	-3·4	E'S	6	r.	47	95	6	6	1	-	2-3	10	1500
13B	Stornoway	979·1	-2·8	SE	4	c	49	75	7	8	7	-	4-6	9+	1500
15	Dalwhinnie	981·1	-2·0	SSE	3	r.	43	95	6	6	4	-	7-8	10	800
	Aberdeen	983·4	-2·4	SE	5	r.	47	95	6	6	-	-	10	10	800
	Wick	984·0	-1·8	SSE	8	r.	48	95	7	8	2	-	7-8	10	1500
16	Lerwick	983·5	-·8	SSE	7	c	47	85	7	8	2	-	7-8	9+	800
17	Blacksod Point	977·2	-1·6	S	4	bc	49	85	7	3	-	-	4-6	4-6	800
18	Malin Head	974·7	-1·2	S	2	c	46	95	7	8	-	-	9+	9+	800
	Aldergrove	977·5	+·6	SSW	3	r.	46	95	8	6	4	-	9	9+	800
	Donaghadee	976·6	-·6	S	3	rr	48	95	7	6	-	-	9+	9+	800
19	Birr Castle	978·4	+·2	SW	1	bc	49	75	8	-	4	-	0	2-3	-
20	Valentia Obsy.	978·0	0	SW	3	c/phr	47	95	8	8	2	-	7-8	9	1500
	Roches Point	980·9	-·4	SW	3	c/pr	48	85	8	8	3	-	4-6	7-8	1500

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

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)
989·6	+1·6	S	2	bc	48	85	6	4	-	-	2-3	2-3	2500	1	*
990·0	+1·4	S'W	3	3o	47	95	5	7	-	-	1	1	2500	1	*
989·2	+·8	S	2	b	47	95	7	5	-	-	1	1	2500	1	*
988·1	+1·0	S'E	3	bc	44	95	7	5	-	-	4-6	4-6	2500	1	
989·0	+1·6	S'E	3	b	50	85	8	7	-	-	1	1	4000	1	
991·5	+1·0	SSW	3	bc/c	48	95	8	8	-	-	Tr	2-3	1500	1	§3
991·1	+1·2	S	3	c	45	95	7	8	-	-	4-6	7-8	4000	1	*
990·5	+1·2	SSW	2	b	47	95	8	-	1	-	0	1	-	1	*
990·5	+1·8	SW'S	4	3o	48	85	6	-	-	1	0	2-3	-	1	43
989·7	+1·2	S'W	3	c	45	95	6	5	-	6	7-8	7-8	2500	1	3
988·3	+2·4	SSW	2	3o	43	95	6	-	-	-	0	0	-	1	
987·4	+1·2	SSE	2	bc	45	85	7	5	-	-	2-3	2-3	2500	1	*
988·4	+1·6	SSE	3	b	44	95	8	5	1	-	2-3	2-3	4000	1	*
986·7	+·6	SW	3	b	47	85	7	-	-	-	0	0	-	1	*
987·9	+1·0	SW	4	c	51	85	7	4	-	-	7-8	7-8	2500	1	4
986·5	+·8	SW	6	c/pr	50	85	7	8	7	-	7-8	7-8	1500	1	3
986·6	+·6	WSW	5	bc	49	85	8	8	1	-	4-6	4-6	2500	1	3
985·9	+1·0	W'S	5	bc	48	85	8	2	-	3	2-3	2-3	2500	1	3
989·4	+1·0	SW	4	bc	50	85	8	8	-	-	4-6	4-6	2500	1	3
981·4	0	WSW	6	cr	49	85	7	8	-	-	9+	9+	2500	1	4
981·5	+·8	S	4	pr.	49	85	8	8	-	3	4-6	4-6	4000	1	4
985·2	+1·6	SSE	3	b	44	85	6	5	-	-	1	1	4000	1	*
984·6	+1·8	S'E	3	bc	44	85	8	5	-	-	2-3	2-3	4000	1	*
985·2	+2·0	SSW	3	b	45	85	7	-	-	-	0	0	-	1	*
985·2	+1·4	S	1	b	43	85	5	-	-	-	0	0	-	1	*
986·9	+·8	SW	2	bc	45	95	7	-	2	-	0	2-3	-	1	1
984·6	+2·2	S	2	b	43	85	7	-	-	-	0	0	-	1	*
983·3	+1·6	SW	3	bc	47	85	7	2	-	-	4-6	4-6	2500	1	2
979·8	-·8	SE	3	c/r	47	85	8	8	-	-	9+	9+	1500	1	2
979·5	-·6	SE	3	c	46	95	6	5	-	-	10	10	5700	1	*
979·1	+·6	S'W	4	c/d	47	85	6	8	-	-	9+	9+	1500	1	*
981·4	+1·8	SSW	5	c/r	43	95	7	5	-	-	9	9	800	1	
975·3	+·2	S	3	c	46	85	7	5	-	-	9	9	2500	1	4
976·2	-1·4	SE	4	c/pr	49	85	7	8	2	-	9	10	1500	1	2
978·7	-·6	S	2	rr	42	95	6	4	6	-	4-6	10	800	1	*
980·4	-1·4	S'E	4	o/r	47	95	6	6	-	-	10	10	800	1	3
980·7	-1·2	SSE	8	rr	45	95	7	6	2	-	7-8	10	1500	1	4
987·7	-1·2	SSE	7	c	47	85	7	8	2	-	7-8	9+	800	1	
976·4	-·2	SW	3	c	48	85	7	3	-	-	7-8	7-8	800	1	3
976·0	+1·0	S	3	c	45	95	7	8	-	-	9+	9+	1500	1	1
979·8	+2·0	S'E	3	b	42	95	8	5	-	-	Tr	Tr	1500	1	
979·8	+1·4	WSW	2	bc	45	85	7	5	-	-	2-3	2-3	1500	1	1
978·9	+·4	SW	1	c	45	85	8	5	-	-	7-8	7-8	2500	1	*
979·4	+·8	SSW	4	bc/phr	45	85	8	6	-	-	4-6	4-6	1500	1	6
982·1	+1·8	SW	3	bc	46	85	8	3	-	-	4-6	4-6	1500	1	4

PAST 24 HOURS.

Weather 7h.–13h. (37)	Weather 13h.–18h. (38)	Weather 18h. 1h. (39)	Weather 1h.–7h. (40)
12th	12th	12th 13th	13th
gr. c dd gg cmc	bcm.	bcwcirbc	bcirr. bc
cr. c	bcjpm. b	bcpr. bw	bbcwpb
rr bcc	cpr bc	bbc	cirbcb
or. r. bc	bcbbc	bcpre	cPRbc
cr. bcpr.	bcpr. b	bcpra	cprbc
RD. bc	ccr. bc	cprbC	b. cprbc
crr. r. c	cbc	bcpr	bcbbcpr
c	cb	bcPR	b
orr d d m	c3. b3.	b3. b	b
orr.	c3.	cgobc	bcw
cddcr	cbm.	bwm.	bwm.
rcbc	bcb	b	b. co
rr d d	bc	bc	cd. m.
p. bccb	bc	bbcpb	bwc
opr	cprc	cPR	opr
cpr.	bcpr	cphrbcpr	bccpr
bc	bcpr.	bcq	bcpra
bcp.	bcpq	bcbbc	bcpra
cpr bc	bcbbc	bc	bcpr
bcqpr.	bccqr	cqir	cbcqir
cc d.	bcpr.	PRpr	PRR
rcr. g m.	bcpr. m.	b. cm.	cbcm.
crcbc	bcb	bbc	bcb
rr. bc	cb	bwm.	bcwm.
odrrw	mob	b	b
rro	cbc	bczw	3bc3w
orrm.	ocm. b	bm	bfofe
ocrq	ocr bc	bcb	bfcco
ccr	rrocr	cbc	br
om. d r. r.	orr d r. c	cm. d r. b	bXm.
cm. r. d. c	cm. r. d. d	baltic	cm. pr
cb rrc	crRc	cpr.	cpr. c
cddcr	ccr.	cir	bc
cr. m.	cr. rr	cbcpr	bcpra
cud.	cpr	spr. cm.	orr cbc
bc	PRbc	PRc	PRbc
cdrr	c	cbc	bc
cr. r. cpr	cr. cbcb	bbcw	bcw
oc. rr	crr bc	bc	icbbc
cr. bc	bcc	c	c
PHRc	phrbc	cphr	phr bc
bcp. c	cp. bc	bcpc	PRbc

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.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

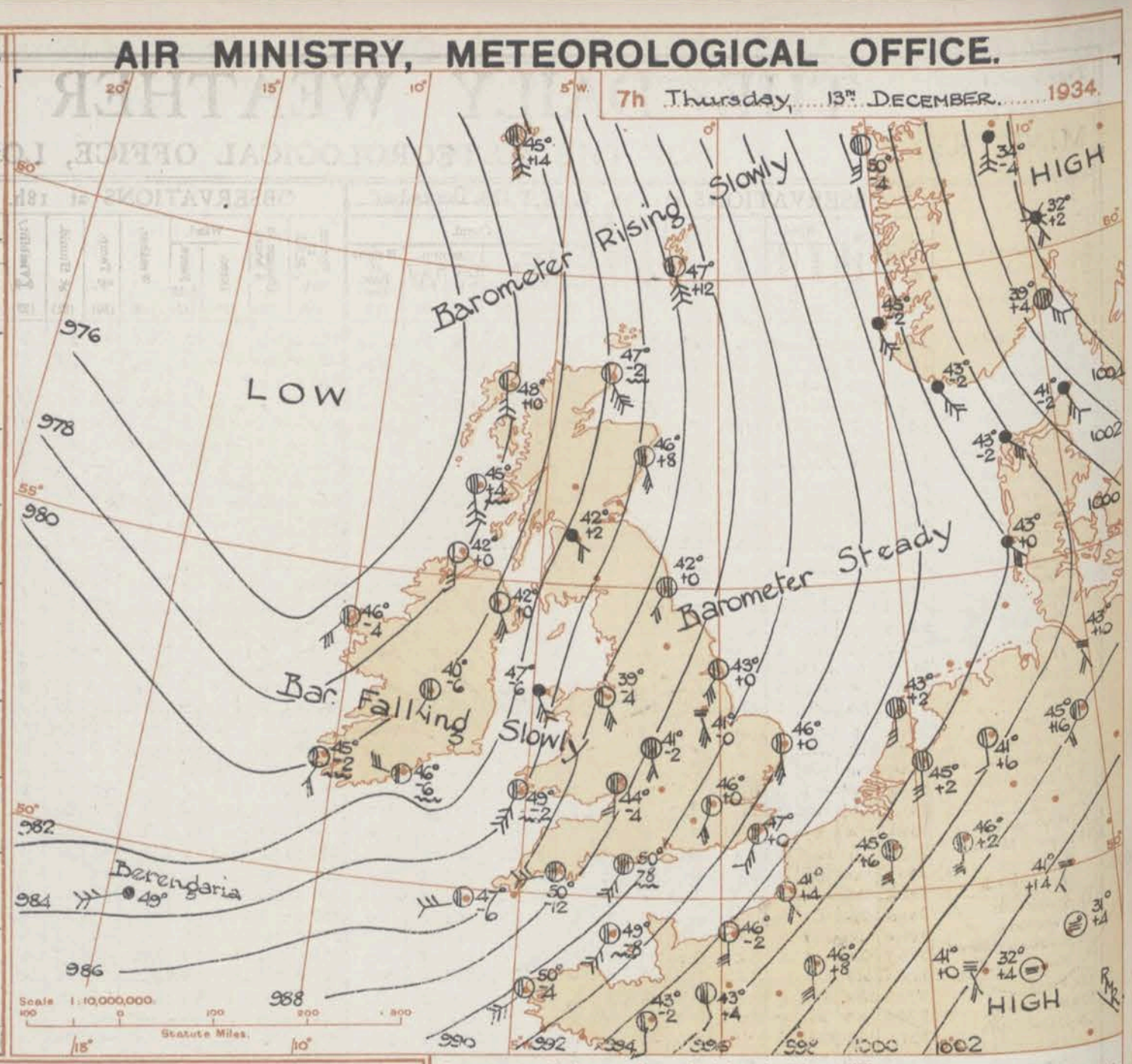
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

§ Sea disturbance reported from Dungeness

REPORTS from HEALTH RESORTS for 12th December 1934

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 11th. to 9h. 12th.	Temperature. Max. 9h.—17h. 12th.	Rainfall. Night. 17h. 11th. to 9h. 12th.	Rainfall. Day. 9h.—17h. 12th.	Sunshine. Sunrise to Sunset. 12th.
1	Tunbridge W.	odc	obcc	44	51	7	0·3	1·3
	Bournemouth	b	bd	40	52	6	1	5·5
	Ventnor	rbcb	bbc	47	53	11	-	4·4
	Southsea	bbc	bcp	47	54	12	Trace	3·4
	Bognor Regis	bc	bcrbc	48	54	9	0·5	3·4
	Littlehampton	bc	bcpbc	48	54	9	0·1	2·4
	Worthing	c	bcrbc	48	53	9	0·5	2·5
	Brighton	cb	b	48	54	11	0·1	2·5
	Eastbourne†	d,crc	oPcb	48	53	11	2	0·4
	Hastings†	cbcc	capbc	46	52	8	0·3	1·2
	Folkestone	ocr	or,c	45	52	12	1	0·0
	Dover	roc	cbcc	41	53	10	0·2	0·3
	Deal	cdc	co	45	52	9	-	0·9
	Ramsgate	rcbc	bcc	45	52	4	0·5	0·7
	Margate	cbc	bc	45	52	5	-	0·6
2	Southend	orc	obcb	45	52	3	0·3	0·5
	Maldon	roc	cb	44	52	6	0·3	0·5
	Clacton-on-Sea	orrc	cbc	46	50	8	1	0·1
	Dovercourt	roc	rocbc	46	50	8	Trace	0·0
	Lowestoft	cpr,	crcbc	46	50	2	1	0·0
	Skegness	orb	o	44	49	2	Trace	0·0
	Mablethorpe	or	cbc	44	47	6	1	0·0
	Cleethorpes	orm	rc	44	49	1	1	0·0
3	Leamington S.	bc	bcb	46	51	2	-	4·0
4	Cheltenham†	crbc	bcb	45	50	3	Trace	4·4
5	Bath	b	bbcb	47	52	2	-	5·6
	Weymouth	cbc	cpcbc	47	53	5	0·1	2·8
	Jersey	robc	bcrq	46	53	4	2	3·3
	Torquay	dbwp	bc	46	54	2	Trace	4·4
	Penzance	bcpbc	bcpbc	47	53	4	1	3·5
	St Ives	b	p	47	52	5	3	4·3
	Pade	bcpbc	bcp	47	52	2	1	6·0
	Ilfracombe	bcdr	bcc	48	52	2	0·2	4·0
6	Aberystwyth	prc	bcc	47	51	0·5	-	1·6
7	Llandudno	cbc	bcpbc	46	52	1	0·1	3·1
	Colwyn Bay	ocbcb	bcpbc	46	50	1	1	1·8
	Rhyl	cbc	bcb	45	52	0·3	-	1·9
8	Wallasey	rocbc	bcb	45	53	2	0·3	2·5
	Southport‖	rcbc	bcb	45	52	0·5	1	1·5
	Blackpool	or	c	45	51	-	1	1·5
	Morecambe	crcbc	bcc	45	50	Trace	2	0·3
9	Ilkley	rorp	gorc	42	48	2	4	0·0
10	Berwick-on-T.	or,R	r,oc	41	47	0·4	4	0·0
11	Dunbar	cr,c	crrbc	43	48	Trace	3	0·0
12	Troon	coc	cocv	45	50	-	-	0·0
	Douglas	om,cr	cbbc	46	50	1	1	0·4

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



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T 13th Decr. 1934
1. S.E. England 2. E. England... 3. E. Midlands	Light or moderate southerly wind, freshening; variable sky, local showers today, more general rain probable tomorrow; mild.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales	Moderate or fresh south to southwest wind, becoming strong locally; bright intervals and showers at first, more general rain later; mild.
8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Moderate or fresh southerly wind; bright intervals and showers today, rain probable tomorrow; mild.
13. A. W Scotld. B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland▼ 16. Orkneys and Shetlands▼	Fresh or strong southerly wind; bright intervals, occasional rain or showers; mild.
17. N.W. Ireland 18. N.E. Ireland	Moderate or fresh southerly wind; bright intervals and showers at first, rain later; mild.
19. S.E. Ireland 20. S.W. Ireland	Freshening southerly wind, veering later; cloudy to dull, some rain; bright intervals and showers tomorrow; 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 1/10 clouded. ◑Sky 1/10 to 1/5 clouded. ◑Sky 1/10 to 1/5 clouded. ◍Overcast sky. ●Rain falling. ✳Snow. ✳Sleet ▲Hail ≡Fog ≡Mist. ϒThunder. ϒ 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 large depression is situated to south of Iceland and a disturbance off Southwest Ireland will move eastwards. There will be variable skies and showers at first in most districts, but more general rain is likely to spread from southwest later.

FURTHER OUTLOOK.

Unsettled.

Times of issue of Gale Warnings.

▼ South cone at 1930 on 7th in district 16 (part of); at 0800 on 9th in district 16 (part of) and at 0830 on 12th in district 15.

Forecasts issued at 1010 G.M.T.

G. C. SIMPSON, 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 13th December 1934.

No. 26,684

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

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)	°F. Temp. (6)	% Humid. (7)	0-9 Visibility (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	991.5	+2	S	3	bc	46	95	6	5	-	-	2-3	2-3	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	992.9	+2	SSW	3	bc	47	95	8	7	-	-	2-3	2-3	2500
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	992.4	+6	SSE	2	bc	45	95	6	5	-	-	4-6	4-6	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	990.1	+6	SW	4	pr	50	95	8	5	-	-	7-8	7-8	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	987.9	0	SW	5	bc	49	85	8	8	-	-	4-6	4-6	2500
	Scilly (St. Mary's)	163	986.6	0	WSW	5	bc	49	85	8	4	-	-	2-3	2-3	1500
	Guernsey	175	991.0	+4	SW	4	bc	49	85	8	8	-	-	4-6	4-6	2500
6	Pembroke	142	984.4	+4	SW	5	q	49	75	7	8	-	-	9+	9+	1500
7	Holyhead	26	983.1	+10	SWS	4	pr	48	85	7	9	-	-	9	9	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	989.1	+4	SSW	3	bc	43	95	6	-	1	-	0	2-3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	986.3	+4	WSW	2	b	42	95	6	-	-	-	0	0	-
11	Inchkeith	190	983.3	+14	ESE	4	bc	45	85	8	5	-	-	2-3	2-3	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	976.4	+6	S	5	bc/pr	47	85	8	3	7	-	4-6	4-6	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	982.3	+10	SSE	6	bc	45	95	7	8	1	-	4-6	4-6	1500
16	Lerwick	156	984.3	-10	SSE	8	bc	47	95	6	6	-	-	10	10	800
17	Blacksod Point	18	976.5	0	SW	3	bc	48	85	7	3	-	-	4-6	4-6	1500
18	Malin Head	52	977.2	+8	S	4	b	43	85	7	5	4	-	Tr	1	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	980.4	+6	SWW	4	bc/pr	46	95	8	9	-	-	4-6	4-6	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 13th 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)	°F. Temp. (20)	% Humid. (21)	0-9 Visibility (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)	991.0	0	SE	2	bc	45	95	6	8	-	-	4-6	4-6	1500	1	*
	Croydon	991.7	0	SW	3	bc	46	95	7	8	-	-	2-3	2-3	1500	1	*
	S. Farnborough	990.1	0	SE	1	pr	45	95	6	9	3	-	7-8	7-8	2500	1	*
	Boscombe Down	989.4	-2	SSE	2	c/pr	42	95	6	8	-	-	9	9	2500	1	*
	Calshot (S'thmtn)	990.0	-4	SE	5	pr	50	85	7	9	-	-	7-8	7-8	1500	1	3
	Lympne	993.1	0	SSW	4	c/pr	47	95	8	8	3	-	7-8	7-8	2500	1	§3
	Manston	992.9	0	-	0	pr	46	95	7	8	-	-	7-8	7-8	1500	1	*
2	Shoeburyness	992.2	0	SW	1	b	46	95	7	4	-	-	1	1	1500	1	*
	Felixstowe	992.2	+2	SSW	4	bc	47	95	7	8	4	-	1	2-3	2500	1	3
	Gorleston	991.9	0	S	3	bc	46	95	6	4	-	-	2-3	2-3	2500	1	2
	Cranwell	989.8	0	SSE	3	f	41	95	2	-	-	-	0	0	-	1	*
3	Birmingham	988.7	-2	SSE	2	o	41	95	6	5	-	-	10	10	1600	1	*
	Upper Heyford	989.6	0	SSE	3	3o	42	95	6	5	-	-	7-8	7-8	1500	1	*
4	Ross-on-Wye	988.0	-4	S	2	c	44	85	7	6	-	-	9	9	2500	1	*
5	Portland Bill	988.0	-8	SW	5	o/pr	50	85	7	5	-	-	10	10	1500	1	4
	Plymouth	986.9	-12	WSW	5	c	50	85	8	8	-	-	7-8	7-8	1500	1	3
	The Lizard	986.3	-4	SWS	5	bc	49	85	8	3	-	-	4-6	4-6	2500	1	3
	Scilly (St. Mary's)	985.4	-6	WSW	4	bc	47	85	8	3	-	-	2-3	2-3	2500	1	3
	Guernsey	991.1	-8	SW	5	bc	49	85	8	8	-	-	4-6	4-6	2500	1	4
6	Pembroke	982.3	-2	SSW	6	q	49	75	7	8	-	-	4-6	4-6	2500	1	4
7	Holyhead	982.3	-6	SE	5	pr	47	85	7	9	-	-	7-8	7-8	2500	1	2
	Chester (Sealand)	986.3	-4	SES	3	bc	39	95	6	5	-	-	2-3	2-3	4000	1	*
8	L'pool (Bidston)	985.8	-4	S	4	bc	41	95	7	5	-	-	4-6	4-6	2500	1	*
	Manchester	986.7	-2	SSE	3	3o	41	95	6	-	-	6	0	4-6	-	1	*
9	Harrogate	987.7	0	S	1	b	39	95	5	5	-	-	1	1	1500	1	*
10	Spurn Head	989.1	0	SW	3	bc	43	95	6	-	1	-	0	2-3	-	1	2
	Catterick	987.2	+2	SE	3	r	39	95	1	5	-	-	10	10	<150	1	*
	Tynemouth	986.5	0	SW	2	o	42	95	5	5	-	-	10	10	1500	1	2
11	Inchkeith	983.9	+6	SSW	2	bc	45	85	8	4	7	-	2-3	4-6	2500	0	1
	Leuchars	983.9	+6	SE	3	b	43	95	6	5	-	-	1	1	4000	1	*
12	Renfrew (Abbotsl)	982.8	+2	ESE	2	pr	42	95	6	8	-	-	9+	9+	1500	1	*
	Eskdalemuir	984.5	+4	SSE	3	c	41	95	7	5	-	-	10	10	800	1	*
13A	Tiree	984.4	+4	SSE	5	c	45	85	6	5	7	-	7-8	9+	1500	1	4
13B	Stornoway	978.3	+10	S	5	bc	48	75	8	8	-	-	4-6	4-6	1500	1	3
15	Dalwhinnie	982.8	+4	SSE	2	ir	39	95	6	3	6	-	2-3	7-8	2600	1	*
	Aberdeen	984.6	+8	SE	3	c	46	85	6	5	-	-	9	9	2500	1	1
	Wick	981.9	-2	SSE	7	bc	47	85	7	8	1	-	4-6	4-6	1500	1	4
16	Lerwick	986.8	+12	SE	6	bc	47	95	7	8	-	-	4-6	4-6	1500	1	*
17	Blacksod Point	976.8	-4	SW	3	bc	46	95	7	3	-	-	2-3	2-3	1500	1	3
18	Malin Head	977.5	0	S	3	b	42	85	7	4	-	-	1	1	1500	1	1
	Aldergrove	980.9	0	SE	3	bc	42	85	8	5	7	8	1	2-3	2500	1	*
	Donaghadee	980.6	-4	WSW	2	bc	43	85	7	5	-	-	4-6	4-6	1500	1	1
19	Birr Castle	979.7	-6	SW	1	c	40	95	8	5	-	-	7-8	7-8	2500	1	*
20	Valentia Obsy.†	980.0	-2	SSW	2	bc	45	85	8	5	-	-	2-3	2-3	1500	1	4
	Roches Point	981.9	-6	W'N	3	bc	46	95	8	5	-	-	2-3	2-3	2500	1	4

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 12h. Hrs. (36)
1	London (Kew)	52	45	36	1	1	2.1
	Croydon	52	45	42	1	0.2	1.9
	S. Farnborough	53	43	33	1	2	2.3
	Boscombe Down	52	38	35	0.3	3	5.2
	Calshot (S'thmtn)	54	48	44	0.2	2	3.8
	Lympne	51	45	41	3	2	0.2
	Manston	52	43	40	2	4	0.7
2	Shoeburyness	52	44	39	2	0.5	0.7
	Felixstowe	51	46	42	4	-	0.1
	Gorleston	51	44	40	4	-	0.0
	Cranwell	50	37	32	3	0.1	1.0
3	Birmingham	50	39	36	1	-	2.4
	Upper Heyford	50	41	33	2	0.2	*
4	Ross-on-Wye	51	43	37	0.1	0.2	4.1
5	Portland Bill	52	47	*	1	5	*
	Plymouth	53	47	43	0.2	2	4.9
	The Lizard	52	46	*	1	1	*
	Scilly (St. Mary's)	52	46	*	1	1	5.5
	Guernsey	52	46	42	1	-	4.0
6	Pembroke	53	45	*	2	3	2.6
7	Holyhead	50	45	43	0.3	14	2.0
	Chester (Sealand)	51	39	31	1	-	1.9
8	L'pool (Bidston)	49	40	36	1	-	2.3
	Manchester	52	40	32	1	Tr	1.4
9	Harrogate	46	38	31	7	-	0.0
10	Spurn Head	48	42	*	4	Tr	0.0
	Catterick	47	38	33	3	Tr	*
	Tynemouth	48	41	37	3	-	
11	Inchkeith	47	44	38	-	-	0.0
	Leuchars	48	42	35	5	0.1	0.0
12	Renfrew (Abbotsl)	48	40	31	0.1	2	0.0
	Eskdalemuir	45	41	38	5	2	0.0
13A	Tiree	48	45	41	3	1	0.0
13B	Stornoway	50	45	*	0.1	0.6	1.2
15	Dalwhinnie	43	38	34	10	1	0.0
	Aberdeen	47	44	40	10	-	0.0
	Wick	49	45	*	3	0.6	*
16	Lerwick	48	45	*	0.1	0.1	0.0
17	Blacksod Point	50	45	*	2	6	*
18	Malin Head	48	41	*	7	-	0.0
	Aldergrove	49	40	37	4	-	0.1
	Donaghadee	50	40	*	9	0.2	*
19	Birr Castle	49	39	31	1	-	4.2
20	Valentia Obsy.†	49	43	38	5	3	1.1
	Roches Point	50	45	*	0.1	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.	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	cr,c	bcm	bcwcirbc	52	45	36	1	1	2.1	*	*	6
Croydon	217	cm,c	bc,jpm,b	bc,pr,bw	52	45	42	1	0.2	1.9	*	*	6
Greenwich (Royal Observatory)	149	dc	cb	bc,bwcb	53	41	33	Tr.	0.3	1.7	73	50	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	1.7	*	*	*
Westminster (St. James' Park)	27	*	*	*	54	46	38	0.2		2.3	66	83	*
Regents Pk. (Botanic Gardens) ‡	168	*	*	*	53	46	41	Tr.	0.2	0.6	70	85	*
Camden Square	110	cr,c	bcb	*	52	46	38	Tr.	-	*	*	91	*
Kensington	80	cc,cbc	bc	*	53	46	37	Tr.	0.1	2.0	At 18h. 83	89	*
Hampstead Observatory	450	or	bc	bc	51	44	35	0.1	1	1.3	*	98	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
Not available.			

Kew Observatory.

Max.	Time.	Min.	Time.
0.2	20h 12h	<0.1	4h 13h

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 12th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 13th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	994.7	S	2	3o	50	997.0	S	3	3o	46
Brussels	994.3	SSW	3	c	46	996.5	S	3	c	45
Berlin	1000.6	ESE	3	3o	45	1001.7	SSW	3	c	41
Zürich						1005.4	ESE	1	f	32
Rome						1006.2	S	8	d.d.	59

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
54	46	1	1
46	41	2	-
45	39	-	Tr.
.	32		0.5
			13

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† The observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 14th December 1934.

No. 26685

OBSERVATIONS at 13h. G.M.T. 13th 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)	989·0	-16	S	4	pr	51	75	7	8	-	-	7·8	7·8	2500
	Croydon	990·6	-18	S	3	pr	49	85	7	8	-	3	7·8	9	2500
	S. Farnborough	988·6	-14	S	2	pr	48	85	6	9	-	-	9+	9+	1500
	Boscombe Down	987·2	-14	SSE	3	c/pr	46	95	8	9	-	-	7·8	7·8	1500
	Calshot, S'thmtn	988·6	-12	S'E	6	pr	50	85	7	9	-	-	9	9	1500
	Lympne	992·3	-10	S	4	c	49	85	8	5	-	-	9+	9+	1500
	Manston	992·2	-6	SW	4	pr	49	85	7	8	-	-	7·8	7·8	1500
2	Shoeburyness	991·0	-8	SSW	4	c	51	85	8	8	4	-	4·6	7·8	2500
	Felixstowe	991·7	-8	S	5	bc	49	85	8	8	-	1	2·3	4·6	2500
	Gorleston	991·8	-6	S'E	4	bc	51	75	6	4	-	-	4·6	4·6	2500
	Cranwell	989·0	-8	SE'S	3	ir$_o$	44	95	6	5	7	-	7·8	9+	1500
3	Birmingham	987·2	-8	SSE	2	c	45	95	6	6	3	-	4·6	7·8	1500
	Upper Heyford	988·0	-10	SSE	1	pr	44	95	7	9	7	8	4·6	4·6	2500
4	Ross-on-Wye	987·1	-8	SSE	3	bc	48	75	7	7	3	-	4·6	4·6	4000
5	Portland Bill	986·4	-18	SW	5	pr	50	95	7	5	-	-	10	10	1500
	Plymouth	984·9	-18	SSW	5	c	51	85	8	8	7	6	4·6	9	1500
	The Lizard	984·1	-16	S'W	4	c	49	85	8	8	7	-	7·8	9+	2500
	Scilly (St. Mary's)	982·9	-20	SSW	4	c/pr	48	85	8	3	7	8	4·6	9+	1500
	Guernsey	988·1	-18	SSW	5	c	51	75	7	8	1	-	7·8	9	2500
6	Pembroke	981·9	-10	SSW	5	c	49	85	7	8	7	-	4·6	9	4000
7	Holyhead	981·9	-6	S'E	3	c/pr	46	95	8	8	2	3	4·6	7·8	2500
	Chester (Sealand)	985·3	-12	SE'S	3	3$_o$	46	85	6	5	7	1	4·6	9	2500
8	L'pool (Bidston)	984·5	-6	S'E	4	c	45	85	7	8	7	-	4·6	7·8	2500
	Manchester	985·6	-12	S'E	4	3$_o$	47	75	5	-	5	2	0	4·6	-
9	Harrogate	987·2	0	S	1	f	42	95	2	5	-	-	10	10	<150
10	Spurn Head	989·1	-2	SSW	3	c	47	95	6	5	7	1	4·6	7·8	1500
	Catterick	987·1	-4	SE'S	3	o$_w$	42	95	4	5	-	-	10	10	450
	Tynemouth	987·9	+4	S	3	0	44	85	6	6	-	-	10	10	1500
11	Inchkeith	985·2	+8	SSE	2	c	45	85	7	5	7	-	2·3	7·8	2500
12	Leuchars	985·3	-2	SE	3	c	43	95	6	7	-	1	7·8	7·8	4000
	Renfrew (Abbotsi.)	983·4	+2	ESE	2	pr	45	95	6	8	-	-	9+	9+	2500
	Eskdalemuir	984·4	-2	SSE	3	c/pr	43	85	6	5	-	-	9+	9+	800
13A	Tiree	980·5	+8	SE'S	4	c	47	85	8	8	7	-	7·8	9+	1500
13B	Stornoway	980·6	+4	S	5	c	48	75	8	8	7	3	4·6	7·8	1500
15	Dalwhinnie	984·1	+6	S	2	ir	40	95	6	3	6	-	4·6	10	1500
	Aberdeen	986·2	+4	S	4	3$_o$	46	85	6	6	-	-	10	10	800
	Wick	984·2	+10	SSE	6	c	47	95	6	8	7	-	4·6	7·8	1500
16	Lerwick	988·0	+4	S'E	6	c	47	95	7	5	8	-	4·6	7·8	1500
17	Blacksod Point	986·0	+12	N	3	bc	48	75	8	4	-	-	4·6	4·6	1500
18	Malin Head	979·4	+4	S	1	c	45	85	7	4	4	-	2·3	7·8	1500
	Aldergrove	981·4	-2	SSE	2	c	47	85	8	8	7	3	2·3	7·8	4000
	Donaghadee	981·2	-4	S	2	pr	46	95	7	5	-	-	7·8	7·8	1500
19	Birr Castle	980·1	+2	SW	1	c	48	75	8	5	-	-	7·8	7·8	2500
20	Valentia Obsy.	981·2	+8	-	0	bc	46	85	8	3	2	-	4·6	4·6	1500
	Roches Point	982·2	+4	NW	2	b	48	95	8	1	-	-	1	1	2500

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

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)
989·3	+4	SSE	4	pr	48	85	6	6	-	-	10	10	1500	1	•
990·1	+6	S	3	pr	48	85	6	8	-	-	9	9	1500	1	•
988·6	+4	S'E	2	c/pr	47	85	6	9	-	-	7·8	7·8	1500	1	•
987·4	+6	S'E	4	pr	46	95	6	9	2	-	7·8	9+	1500	1	•
988·3	+2	SSE	4	PR/Q	50	85	7	9	-	-	9	9	1500	1	3
991·5	0	S	4	c	49	75	8	8	-	-	9+	9+	1500	1	§4
991·3	0	S	4	pr	47	95	7	9	-	-	9+	9+	1500	1	*
990·8	+2	S'W	2	c	47	85	8	8	1	-	4·6	7·8	2500	1	•
991·2	+2	S	5	c	48	85	7	5	-	-	7·8	7·8	1500	1	3
991·4	0	SSE	5	pr	48	85	7	8	-	-	7·8	7·8	1500	1	4
989·0	+6	SE'S	3	3$_o$	42	95	6	-	4	-	0	2·3	-	1	•
987·7	+6	SE	2	c	44	85	6	5	3	-	4·6	9	2500	1	•
988·5	+8	SE	3	c/pr	43	95	6	5	-	-	9	9	2500	1	•
986·8	+4	S'E	2	bc	44	95	6	4	8	6	Tr	4·6	4000	1	•
988·8	-8	SW	5	c	51	85	7	5	-	-	9+	9+	1500	1	4
985·0	+12	SE	4	r$_o$r$_o$	49	95	7	6	2	-	4·6	10	1500	1	2
984·2	+8	E'N	2	rr	47	95	8	6	1	-	7·8	10	2500	1	2
984·0	+14	ENE	2	c	45	95	8	3	7	-	4·6	9+	1500	1	2
986·5	0	S	4	r	50	85	8	6	-	-	10	10	1500	1	4
983·0	+12	SSE	1	c/pr	48	85	7	8	7	-	4·6	9	4000	1	3
983·9	+14	SSE	3	rr	46	95	6	6	-	-	10	10	1500	1	2
986·2	+12	S'E	2	3$_o$	44	85	7	5	3	-	2·3	7·8	4000	1	•
986·1	+10	S	2	c	44	95	7	7	3	-	7·8	7·8	2500	1	•
986·2	+6	SSE	2	m	45	85	4	5	7	-	7·8	9+	2500	1	•
987·6	0	SE	2	c	42	95	5	5	8	-	2·3	9+	2500	1	•
988·6	-2	S'W	3	c	46	95	7	3	7	1	4·6	7·8	2500	1	2
987·1	+2	SE'S	2	c	43	95	6	5	-	-	9+	9+	1500	1	•
987·4	+8	SW	2	o	44	85	6	5	-	-	10	10	1500	1	1
985·6	+10	ESE	2	c	43	95	7	5	1	-	4·6	9+	1500	0	2
986·4	+20	ESE	2	c	42	95	6	7	-	8	4·6	7·8	4000	1	•
984·4	+8	E	2	ir$_o$	45	95	5	9	-	-	10	10	1500	1	•
985·5	+10	SSE	3	c/pr	42	85	6	5	-	-	10	10	800	1	•
982·3	+16	SE'E	3	pr	47	85	7	8	3	-	7·8	9+	1500	1	4
982·6	+12	S	4	c	48	75	8	5	7	-	7·8	9	1500	1	2
985·4	+16	S	3	c	40	95	6	4	2	-	4·6	10	1500	1	
987·4	+8	SE'S	3	3$_o$	46	85	6	5	-	-	9+	9+	800	1	1
985·0	+6	SSE	6	c	47	85	7	5	1	-	7·8	9	1500	1	3
989·3	+8	SSE	5	bc	47	95	7	5	7	-	2·3	2·3	1500	0	•
983·3	+22	N	2	pr	45	95	7	4	-	-	7·8	7·8	800	1	3
980·8	+14	S	1	c	41	85	7	8	-	-	9	9	2500	1	1
983·5	+16	S	1	c	43	85	7	5	-	-	9	9	4000	1	•
982·4	+8	S	2	c	44	95	7	5	-	-	7·8	7·8	1500	1	1
982·7	+16	S	1	bc	42	95	8	5	-	-	2·3	2·3	4000	1	•
984·9	+24	-	0	b	41	95	8	2	-	-	Tr	Tr	1500	1	4
985·0	+18	N	1	b	41	95	8	-	-	-	0	0	-	1	3

PAST 24 HOURS.

Weather. 7h.–13h. (37)	Weather. 13h.–18h. (38)	Weather. 18h. 13th to 1h. 14th (39)	Weather. 1h.–7h. (40)
c pr	bc c pr	c p$_o$ c	bc m$_o$
bc m$_o$ c pr	c pr m$_o$	c pr d p r c	cr$_o$ bc
bc c i pr$_o$	c i pr$_o$ bc	bc c i R	c b c b
c pr rr	c PR c pr	c pr c	c i r c pr
bc PR q	c PR Q	c q PR	c pr d r
b b c pr$_o$	c pr$_o$ c	c	b c b i c
b c pr$_o$ pr	c pr	c pr$_o$ c	c b c
b b c pr	c pr bc	bc pr	b c b
b b c v	bc v c pr$_o$	c b c b c	b b c b
bc	c o i r q	c b c q	b c c q
o c f r r r	c r r m$_o$	b c c r r	o r r i d
c pr bc	bc	c o r$_o$	o i r$_o$
d$_o$ pr$_o$	b c c pr	c R R	c r$_o$ bc
c b c c	c p$_{oo}$ P b c	b c o r c r	c r$_o$ bc
o pr	pr c pr	o pr b c	b c c
c p h r pr	c pr r r$_o$	c r$_o$ r$_o$ r	c i r$_o$
b c pr$_o$	c R r	r p r$_o$ c	c
b c c p$_o$	c i r$_o$ c	c b c c	b c c r$_o$
b c c	c o r		c o i r
b c q pr c	b c q i r c	c pr bc	b c i r$_o$ c
c PR	pr PR c	R PR	c
b c c m$_o$	i r$_o$ b c m$_o$	b c m$_o$	b c c m$_o$
b c c	c	b c M	b c o m e
b c c m$_o$	b c 3$_o$ c m	pr$_o$ c m	pr$_o$ c m
b o d f	o f c	c o i d	c o
b c f c	pr$_o$ c	r r o	o r r
F c c m o w	o m c m$_o$	c m$_o$	c m$_o$ o F
o	o	o	c b c
b c c	c	c	c i r$_o$
b c c m$_o$	c b c m$_o$	b c m c	c pr bc
c pr$_o$ m$_o$	pr$_o$ r r r	c r$_o$ r$_o$ bc	b c m c
b c c	c b c	b c c	c b c c pr$_o$
c	c p r$_o$	pr r r	i r$_o$
b c c p r$_o$	c b c	c b c c	c
c o 3$_o$	o c 3$_o$	c 3$_o$ PR	b c 3$_o$ W
b c c m$_o$	c m$_o$ c	c	c
b c c	c b c	b c c	c b c c pr$_o$
b c	pr$_o$ b c	b c	pr$_o$ c
b c	c	c pr	c b c
b c	b c c 3$_o$ c	c pr c	c b c b
c pr$_o$	c pr$_o$ c	c b c	b c
c	c b c	b c b	b z o
c pr bc	b c b	b b c c	c o r r$_o$ r$_o$
b c b	b c b w	b w	b w 3 o i r

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

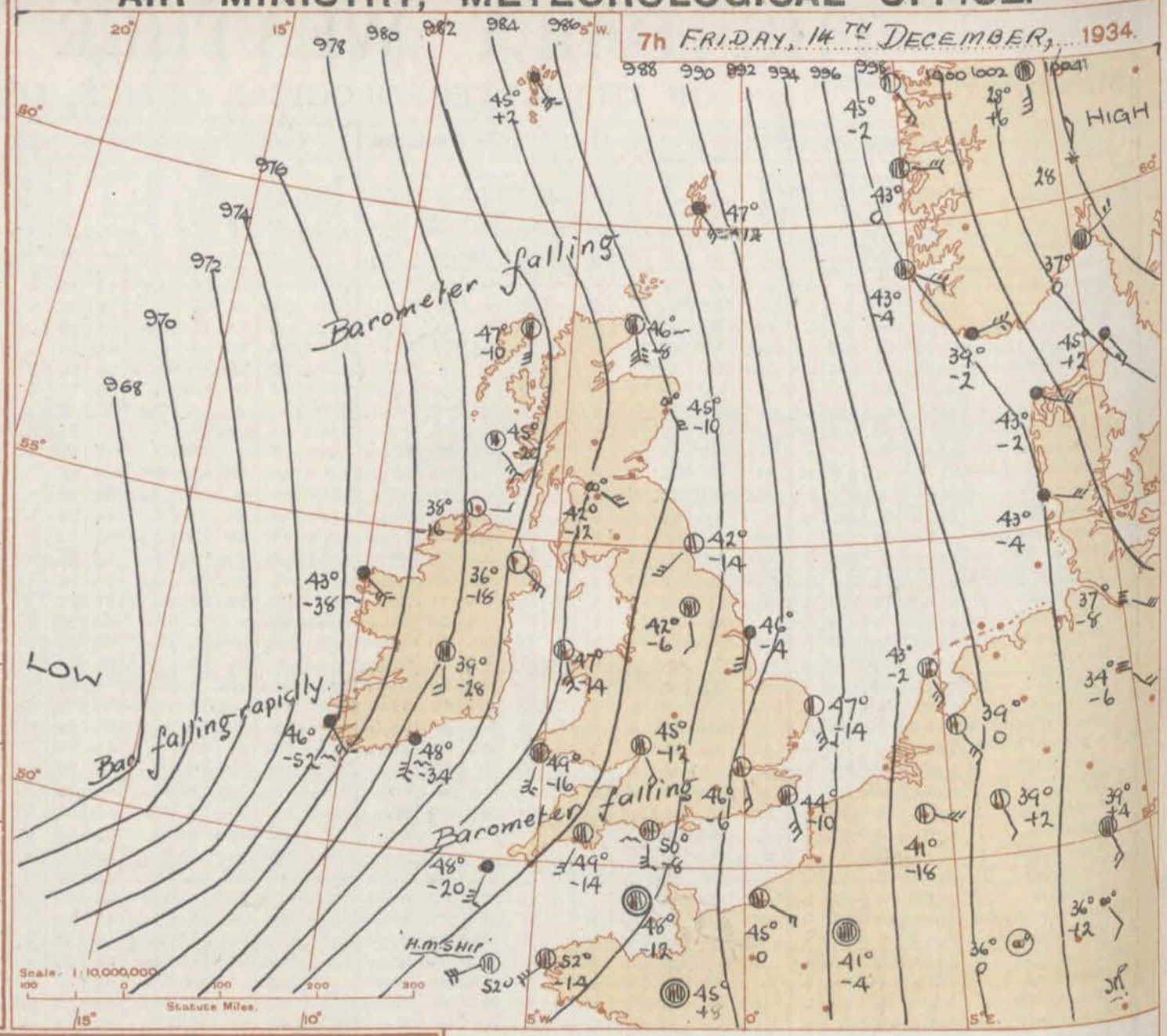
REPORTS from HEALTH RESORTS for 13th December 1934

District.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 12m to 9h. 13m	Temperature. Max. 9h.—17h. 13m	Rainfall. Night. 17h. 12m to 9h. 13m	Rainfall. Day. 9h.—17h. 13m	Sunshine. Sunrise to Sunset. 13m
1	Tunbridge W.	bc o p	p c b c	45	49	4	1	1·4
	Bournemouth	bc	o r o	44	51	8	2	2·7
	Ventnor ...	p h c p c	c o w	47	52	2	Trace	2·8
	Southsea ...	b b c	c b p c	48	52	1	0·3	1·7
	Bognor Regis	c b c	b e c	48	51	0·3	–	2·0
	Littlehampton	b c	b c c	48	52	1	–	1·9
	Worthing ...	c	c b c c r	49	52	–	0·3	1·6
	Brighton ...	c p c	c	50	51	0·4	0·3	0·8
	Eastbourne†	c p. c	c p c	49	51	3	1	0·3
	Hastings† ...	c	c o r c	49	51	1	1	1·2
	Folkestone ...	c	c r.	48	51	2	Trace	0·9
	Dover... ...	c o	o p c	49	51	3	Trace	0·1
	Deal	o c	c r. o	45	51	8	Trace	0·6
	Ramsgate ...	c	c r o	48	51	5	0·5	0·6
	Margate ...	b c p	c r.	46	52	3	1	1·4
2	Southend ...	b b c c p	c p	45	51	2	0·4	3·0
	Maldon ...	b c i p	c b c	40	50	0·3	0·3	2·9
	Clacton-on-Sea	b c	b e c	47	50	–	–	3·4
	Dovercourt ...	b c	p b c	45	50	–	Trace	4·6
	Lowestoft ...	d. c b c	r. c b c	45	51	0·4	1	4·4
	Skegness ...	b b c	b c	42	49	1	–	4·3
	Mablethorpe	b c	c o r	38	48	0·3	1	3·9
	Cleethorpes...	o r w	c R c	37	47	0·1	1	1·5
3	Leamington S.	b c c	b c c	40	50	–	–	3·7
4	Cheltenham†	c b c	b c p. c	41	48	1	Trace	3·1
5	Bath	c p b c b	b c p c	39	48	4	1	1·4
	Weymouth ...	p c	i r c	46	51	7	1	0·8
	Jersey ...	c b c	b c c	48	51	Trace	–	3·3
	Torquay ...	b 3. b c p	b c p r c	42	52	7	1	3·2
	Penzance ...	b c p b c	c r r w	46	51	2	3	0·7
	St. Ives ...	c	c p r	44	50	2	0·3	1·5
	Bude							
	Ilfracombe ...	b b c c	b c c	44	49	0·4	–	2·5
6	Aberystwyth	p r c b c	b c r	44	50	4	1	2·2
7	Llandudno ...	c b c	c i p. c	43	51	0·1	Trace	1·4
	Colwyn Bay...	b c c	b c b c	43	51	–	–	1·1
	Rhyl	b c c	c	42	49	–	–	0·8
8	Wallasey ...	m c b c	b c	42	47	–	–	0·3
	Southport‖ ...	b b c	b c c	40	46	–	–	0·1
	Blackpool ...	c	c	41	45	–	–	0·0
	Morecambe ...	c b c c	b b c c	42	47	–	–	0·6
9	Ilkley... ...	c	c	35	45	–	–	0·0
10	Berwick-on-T.	c	c o	39	43	–	–	0·5
11	Dunbar ...	b c	b c w.	39	46	0·3	–	4·4
12	Troon... ...	c r. b c	c p o c	42	49	4	1	0·2
	Douglas ...	c o i R	c i R c	44	47	3	12	0·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h FRIDAY, 14TH DECEMBER, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 14th Decr., 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate southerly wind, freshening, veering later; cloudy to dull, some rain; rather mild.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Fresh or strong southerly wind, gale in exposed places, veering southwest; dull, continuous rain becoming intermittent; mild.
9. N. Midlands 10. N.E. England 11. S.E. Scotland	Moderate southerly wind, freshening; cloudy to dull, some rain; rather mild.
12. S.W. Scotland & Isle of Man 13. A. W. Scotland B. N.W. Scotland	Wind southerly, fresh or strong, a gale in exposed places; dull, some rain; mild.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Fresh or strong south or southeast wind, a gale in exposed places; cloudy to dull, some rain; mild.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 5 - 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 5/10 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet ▲ Hail ≡ Fog. ≡ Mist. T Thunder. ϟ 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 very deep depression centred some 600 miles west of Ireland is moving eastwards. Weather will be unsettled with rain in all districts.

FURTHER OUTLOOK.

Unsettled.

Times of issue of Gale Warnings.

South cone at 1930 on 7th in 16 (part of); at 0800 on 9th in 16 (part of); at 0830 on 12th in 15; at 1910 on 13th in 5,6,7,8,12,13A,13B,17,18,19 and 20; at 0840 on 14th in 1,2,10 and 11.

Forecasts issued at 1015 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

Morning of
FRIDAY
December 14th
1934.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 14th December 1934.

No. 24485

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

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	990.8	+4	SSE	2	Cb	48	85	7	5	–	–	9+	9+	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (Southmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	991.2	0	SSE	4	C	47	85	7	8	1	–	7-8	9+	1500
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	992.3	+2	SSE	4	bc	46	95	7	5	–	–	4-6	4-6	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	988.4	+6	S	4	bc	50	95	7	4	–	–	2-3	2-3	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	987.9	+8	–	0	C	46	95	8	8	1	–	4-6	7-8	2500
	Scilly (St. Mary's)	163	987.9	+10	NNW	2	bc	45	95	8	4	4	5	1	2-3	2500
	Guernsey	175														
6	Pembroke	142	986.1	+6	SW	1	bc	48	85	7	8	–	–	2-3	2-3	4000
7	Holyhead	26	985.7	+2	SW	2	C	47	95	7	8	–	–	7-8	7-8	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	989.6	+4	SSW	2	rr	46	95	7	6	–	–	10	10	1500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	988.0	+4	SSW	2	O	44	95	6	5	–	–	10	10	1500
11	Inchkeith	190	986.4	+8	ESE	2	C	44	95	7	5	2	–	4-6	9+	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	983.8	+2	S	3	C	47	85	7	8	6	–	4-6	9+	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	986.4	+2	SSE	6	C	46	95	8	8	1	–	4-6	7-8	1500
16	Lerwick	156	990.1	0	S'E	5	C	47	95	7	5	–	–	7-8	7-8	1500
17	Blacksod Point	18	983.7	-10	S	2	bc	44	95	7	7	–	–	2-3	2-3	–
18	Malin Head	52	982.4	-4	S	1	C	45	95	7	8	–	–	9+	9+	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	984.3	-14	S	2	bc	46	95	8	4	–	–	4-6	4-6	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
9903	-10	SSE	2	C	45	85	6	5	8	–	4-6	7-8	2500	1	*
9908	-6	SE's	2	bc	46	85	7	5	3	–	4-6	4-6	2500	1	*
9896	-2	SE	2	C	45	95	6	5	-	-	9+	9+	4000	1	*
9879	-14	SE'E	3	c[pr	43	95	7	9	-	-	9	9	1500	1	*
9888	-14	SE	4	pr	48	95	6	9	1	-	4-6	7-8	1600	1	3
9915	-10	SSE	3	C	44	95	8	8	4	-	7-8	7-8	1500	1	§3
9913	-10	SE	4	bc	45	85	7	-	3	-	0	2-3	-	1	*
9911	-6	S'E	1	b	45	95	7	4	-	-	1	1	2500	1	*
9913	-10	SSE	4	bc	47	95	7	5	3	-	1	2-3	2500	1	3
9914	-14	SSE	4	bc	47	95	7	5	-	-	4-6	4-6	2500	1	3
9894	-10	SES	3	id.	45	95	5	-	2	-	10	10	1500	1	*
9876	-8	SSE	2	0	44	95	7	6	-	-	10	10	1500	1	*
9889	-10	SSE	3	3o	44	95	6	5	-	-	7-8	7-8	1500	1	*
9876	-12	SSE	2	C	45	95	7	5	7	1	4-6	7-8	2500	1	*
9872	-8	S	4	C	50	85	8	4	-	-	10	10	2600	1	4
9867	-14	S'W	3	C	49	85	7	6	-	-	9	9	1500	1	2
9860	-12	SSW	4	C	49	95	8	8	-	-	10	10	2500	1	2
9855	-20	SSW	4	r	48	85	8	8	-	-	10	10	2500	1	3
9885	-12	-	0	C	48	95	7	8	-	-	10	10	2500	1	3
9827	-16	S'W	5	C	49	85	7	5	-	-	9+	9+	2500	1	3
9837	-14	S'E	4	C	47	95	7	8	3	-	4-6	7-8	2500	1	2
9868	-16	SSE	2	3o	37	95	5	5	-	-	10	10	1500	1	*
9864	-8	S	3	3	40	95	4	5	-	-	10	10	450	1	*
9873	-10	S	1	3	42	95	4	5	2	-	4-6	10	1500	1	*
9880	-6	S	1	0	42	95	5	5	-	-	10	10	2500	1	*
9888	-4	SSW	3	Cb	46	95	6	6	-	-	10	10	1600	1	2
9875	-12	S	3	F	40	95	1	5	-	-	10	10	4150	1	*
9867	-14	SW	2	bc	42	95	6	5	-	-	4-6	4-6	1500	1	1
9854	-6	SSE	2	bc	44	85	7	5	6	-	4-6	4-6	1500	1	!
9852	-6	SE	2	bc	42	95	6	5	-	8	4-6	4-6	2500	1	*
9846	-12	ESE	3	3o	42	95	6	5	-	-	9	9	2500	1	*
9852	-14	SSE	3	C	40	95	6	5	-	-	10	10	800	1	*
9806	-20	SSE	4	C	45	85	7	8	7	-	7-8	10	1500	1	4
9818	-10	S	3	C	47	85	7	8	6	-	4-6	10	1500	L	!
9841	-20	S	2	bc	38	95	6	3	3	-	1	4-6	1500	1	*
9853	-10	SSE	3	3o	45	95	6	5	-	-	2-3	2-3	1500	1	1
9845	-8	SSE	6	C	46	95	7	8	1	-	7-8	9	1500	1	4
9881	-12	SES	6	pr	47	95	7	8	2	-	4-6	9+	800	0	*
9768	-38	SE	5	PR	43	95	7	9	-	-	9	9	800	1	4
9801	-16	E	1	b	38	95	7	4	-	-	1	1	1500	1	1
9836	-18	SE	3	b	36	95	8	5	-	-	1	1	1500	1	*
9816	-10	S	1	bc	40	95	7	5	-	-	4-6	4-6	1500	1	0
9758	-28	S	2	0	39	95	7	5	-	-	10	10	2500	1	*
9745	-52	SSE	6	Cb	46	95	7	6	-	-	10	10	800	1	4
9811	-34	SSW	5	ir	48	95	6	6	-	-	10	10	1500	1	4

PAST 24 HOURS.

Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 13 hrs. Hrs. (36)
51	45	38	2	0.2	1.9
50	45	40	5	0.5	1.1
50	42	33	1	4	1.0
47	40	37	11	0.6	0.4
51	48	44	5	2	0.5
49	44	41	Tr	-	2.0
51	44	42	2	Tr.	1.6
51	44	38	1	Tr.	2.7
50	47	43	0.2	-	4.9
51	46	43	1	0.2	4.2
45	40	36	2	2	0.3
47	42	37	0.3	2	1.7
47	43	40	2	6	*
50	43	39	2	2	2.5
52	48	*	4	1	*
51	46	44	3	4	1.2
50	45	*	7	1	*
50	45	*	1	Tr.	0.3
51	47	44	Tr	1	2.7
51	44	*	2	0.2	1.9
49	44	37	16	9	0.6
47	35	29	Tr	-	1.3
45	39	37	-	Tr.	1.0
48	39	32	0.1	Tr.	2.1
42	39	36	0.2	0.1	0.0
48	42	*	0.6	14	2.1
45	40	39	Tr	-	0.0
44	43	38	-	0.1	1.3
44	41	37	-	0.4	0.5
45	36	30	3	1	0.0
43	40	39	Tr	3	0.0
47	38	33	Tr	1	0.8
47	46	*	0.2	-	1.2
41	36	33	1	0.3	0.0
47	44	41	-	4	0.0
47	45	*	-	-	*
47	45	*	-	Tr.	0.0
48	39	*	0.5	0.3	*
48	35	32	-	0.6	2.3
47	36	*	1	-	3.1
48	31	24	-	-	*
49	37	32	1	5	36
49	36	*	Tr	2	25

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet	Weather Morning.	Weather Afternoon.	Weather Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	cpr	bccpr	cpc m.	51	45	38	2	0.2	1.9	*	*	6
Croydon	217	bcm cpr	cpr m.	cprd,prk	50	45	40	5	0.5	1.1	*	*	6
Greenwich (Royal Observatory)	149	bcirq	bircq	cbwc	48	40	33	5	0.3	1.9	88	93	6
City (Bunhill Row)	—				*	*	*	*	*	0.9	*	*	*
Westminster (St. James' Park)	27	*	*	*	52	45	36	/		2.1	79	86	*
Regents Pk. (Botanic Gardens) †	168	*	*	*	51	46	41	3	0.3		79	85	*
Camden Square	110	bc	cpccr	*	50	45	36	1	0.3	*	*	91	*
Kensington	80	bcp	bc	*	51	45	35	1	1	2.0	At 18h. 83	89	*
Hampstead Observatory	450	bcp	or	o	49	44	34	3	Tr.	1.0	*	98	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
Not available.			

Kew Observatory. Max.	Time.	Min.	Time.
0.2	20h 13th	0.1	5h 14th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 13th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 14th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	993.8	SE	2	C	48	992.3	*	0	3o	41
Brussels	995.9	SSE	3	0	46	993.9	ESE	3	bc	41
Berlin	1003.4	SSE	3	3o	41	999.5	ENE	1	C	39
Zurich						1002.0	NE	1	m	34
Rome	1004.2	SE	7	id.	61	1000.5	SW	7	id.	59

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall: Day. mm.	Rainfall: Night. mm.
50	39	Tr	-
50	41	-	-
48	37	-	-
	32		0.1
		6	6

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, 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 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 15th December 1934.

No. 2104 Sb

OBSERVATIONS at 13h. G.M.T. 14th 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)	Sunshine 13h. Hrs. (36)
1	London (Kew)	984·4	-42	SE'E	3	d.d.	47	95	5	6	-	-	10	10	1500	1·9
	Croydon	985·5	-42	SSE	3	d.d.	47	95	6	5	2	-	9	10	800	1·1
	S. Farnborough	984·0	-40	SSE	2	d.d.	47	95	5	6	-	-	10	10	800	1·0
	Boscombe Down	983·1	-36	S'E	4	r.r.	46	95	4	6	-	-	10	10	220	0·4
	Calshot, S'thmtn	984·3	-34	SSE	4	d.d.	49	95	6	6	-	-	10	10	800	0·5
	Lympne	987·3	-30	SSE	3	o/d	45	95	6	5	-	-	10	10	800	2·0
	Manston	987·0	-34	SSE	5	c	46	85	7	5	-	-	9+	9+	1500	1·6
2	Shoeburyness	986·7	-34	SSE	5	ir.	46	95	6	6	2	-	4·6	9+	800	2·7
	Felixstowe	987·2	-34	S	5	c	47	85	7	5	-	-	10	10	1500	4·9
	Gorleston	988·1	-26	SSE	5	c	49	85	6	6	-	-	9	9	1500	4·2
	Cranwell	985·2	-36	SE'E	4	3.	45	95	6	2	2	-	9+	10	800	0·3
3	Birmingham	983·3	-38	SSE	2	c	45	95	5	6	2	-	7·8	10	800	1·7
	Upper Heyford	984·0	-32	SE	3	o/r	45	95	6	5	-	-	10	10	450	*
4	Ross-on-Wye	980·9	-40	SE	3	dd	46	95	6	6	7	-	9+	10	2500	2·5
5	Portland Bill	982·8	-40	S'W	6	ir	50	95	6	5	-	-	10	10	1500	*
	Plymouth	980·0	-48	S	6	c	51	75	7	6	2	-	7·8	10	1500	1·2
	The Lizard	977·1	-60	S'E	6	rr	50	95	6	5	-	-	10	10	1500	*
	Scilly (St. Mary's)	975·7	-46	S'W	5	ir.	50	95	4	5	-	-	10	10	1500	0·3
	Guernsey	983·9	-40	SSW	4	o	50	85	8	5	-	-	10	10	1500	2·7
6	Pembroke	975·0	-48	S	7	cq	49	85	7	5	-	-	10	10	1500	1·3
7	Holyhead	976·5	-46	SE'S	5	ir.	47	95	7	5	2	-	7·8	10	2500	0·6
	Chester (Sealand)	980·7	-40	SE	5	ir.	46	85	6	6	2	-	4·6	10	1500	1·3
8	L'pool (Bidston)	980·1	-34	SSE	4	id.	46	85	6	5	2	-	7·8	10	800	1·0
	Manchester	981·6	-38	SE'S	4	3.	47	85	6	5	2	-	4·6	10	1500	2·1
9	Harrogate	983·9	-20	SE	3	c	45	95	5	5	2	-	9+	10	1500	0·0
10	Spurn Head	985·7	-10	S'W	5	c	46	95	6	5	2	-	7·8	9+	800	2·1
	Catterick	982·9	-34	SE'S	3	c	46	95	6	5	2	-	7·8	10	800	0·0
	Tynemouth	983·8	-24	S	3	ir.	41	95	6	6	-	-	10	10	1500	*
11	Inchkeith	983·0	-20	ESE	3	c	43	95	7	5	2	-	2·3	7·8	1500	1·3
	Leuchars	982·2	-26	ESE	3	c	44	85	6	5	1	8	4·6	9+	4000	0·5
12	Renfrew (Abbotsl.)	980·5	-30	E	3	m	44	85	4	5	2	-	7·8	10	2500	0·0
	Eskdalemuir	980·7	-36	SE'E	3	rr	42	95	6	6	2	-	9+	10	800	0·0
13A	Tiree	975·5	-36	E'S	5	c	46	85	8	6	7	7	9	10	1500	0·8
13B	Stornoway	979·4	-10	SSE	4	c	46	75	7	8	4	3	4·6	7·8	2500	1·2
15	Dalwhinnie	981·6	-20	S	2	c	39	95	7	3	1	-	2·3	9	800	0·0
	Aberdeen	983·3	-20	SSE	3	3.	46	85	5	6	-	8	7·8	9+	800	0·0
	Wick	983·6	-8	SSE	6	c	46	95	7	5	3	-	4·6	7·8	2500	*
16	Lerwick	987·2	-10	SSE	6	rr	44	95	6	6	-	-	10	10	800	0·0
17	Blacksod Point															*
18	Malin Head	971·9	-48	E	4	r	45	85	7	4	2	-	4·6	10	1500	2·3
	Aldergrove	975·0	-50	SE	3	r.r.	44	85	7	6	2	-	2·3	10	800	3·1
	Donaghadee	976·6	-20	S	5	rr	43	95	7	6	-	-	10	10	800	*
19	Birr Castle	968·0	-64	S	4	pr	46	95	8	6	-	-	9	9	2500	3·6
20	Valentia Obsy.	965·8	-12	S'W	3	bc/rQ	48	85	8	6	7	1	2·3	4·6	2500	2·5
	Roches Point	969·5	-40	SSW	5	c/r	50	85	6	8	-	-	9	9	1500	*

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

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)
979·9	-28	SSE	3	d.d.	48	95	6	-	2	-	10	10	1500	1	*
980·1	-28	SSE	3	ir.	47	95	6	6	2	-	9	10	1500	1	*
978·7	-30	SSE	3	id	47	95	6	6	-	-	10	10	800	1	*
976·8	-30	SE'S	4	r.r.	46	95	5	6	-	-	10	10	450	1	
978·3	-24	SE	6	rr	49	95	7	6	-	-	10	10	1500	1	3
982·5	-22	S	4	ir.	47	85	5	8	-	-	10	10	800	1	§4
982·3	-20	SSE	5	c	47	95	6	5	-	-	10	10	800	1	*
981·7	-18	SSW	2	ir.	47	95	7	6	2	-	9+	10	800	1	*
982·5	-30	S'E	5	r.r.	46	95	6	-	2	-	10	10	800	1	3
982·8	-32	SE'S	6	ir.	47	95	6	6	-	-	10	10	1500	1	4
979·3	-22	SE	5	r.r.	44	95	6	6	-	-	10	10	450	1	*
977·2	-32	SE	3	ir.	46	95	7	6	-	-	10	10	800	1	*
978·1	-32	SE	3	c	46	95	6	5	2	-	9	10	450	1	*
975·9	-32	SSE	2	id.	47	95	6	6	2	-	4·6	10	2500	1	*
976·3	-40	S'W	6	o	52	95	7	5	-	-	10	10	1500	1	5
974·7	-10	S	5	o/d	52	95	6	5	-	-	10	10	1500	1	3
974·0	-2	SW	5	bc	51	95	8	8	6	-	4·6	4·6	2500	1	3
972·2	-10	WSW	5	c	51	85	7	8	7	-	7·8	7·8	2500	1	3
977·9	-20	SSW	4	bc/r	51	95	7	8	-	-	4·6	4·6	2500	1	4
976·9	-20	S'W	5	cq	52	95	7	5	-	-	10	10	1500	1	3
976·3	-30	SSE	5	ir.	48	95	7	6	2	-	7·8	10	1500	1	3§
975·3	-22	SE'S	4	r.r.	47	85	6	6	2	-	7·8	10	800	1	*
974·2	-24	SSE	5	d.d.	45	95	7	5	-	-	10	10	1500	1	*
976·4	-26	SSE	4	r.r.	46	95	5	6	2	-	4·6	10	1500	1	*
979·0	-14	SE	3	rr	43	95	5	6	-	-	10	10	2500	1	*
980·5	-16	S	5	RR	46	95	6	6	-	-	10	10	1500	1	4
978·5	-16	SE	3	rr	44	95	6	6	-	-	10	10	800	1	*
979·3	-26	SE	5	rr	44	95	7	6	-	-	10	10	1500	1	3
977·4	-20	ESE	3	c	46	95	7	8	-	-	10	10	1500	0	2
978·8	-12	SE	4	c	47	85	6	5	2	-	7·8	10	1500	1	*
975·8	-22	E	3	ir.	46	85	5	5	-	-	10	10	1500	1	*
976·6	-22	SE'E	5	r.r.	42	85	6	6	2	-	9+	10	800	1	*
979·3	-24	E	7	rr	46	85	7	6	2	-	7·8	10	1500	1	5
976·3	-10	SSE	5	c	46	75	7	8	6	-	4·6	7·8	1500	1	2§
977·8	-20	SSE	5	RR	40	85	6	4	-	-	10	10	800	1	
981·2	-10	SE	5	c/r	48	85	6	6	2	-	7·8	10	800	1	2
981·2	-12	SSE	6	c	47	85	7	8	1	-	7·8	9	1500	1	4
985·8	+2	SSE	5	c	45	95	7	8	2	-	7·8	9	800	1	*
965·7	-22	SE'E	4	r.r.	46	95	6	6	-	-	10	10	800	2	1
968·9	-22	SE	5	rr	47	95	7	6	2	-	7·8	10	800	1	*
969·7	-32	S	6	rr	48	95	7	6	-	-	10	10	800	1	3
965·4	-8	S	3	bc	46	95	8	5	-	-	2·3	2·3	2500	1	*
958·4	-46	S'E	5	ir	50	95	6	6	-	-	10	10	1500	1	4
965·6	-34	SW	5	c/pr	51	85	8	6	-	-	9	9	1500	1	4

PAST 24 HOURS.

Weather. 7h.—13h. 14th (37)	Weather. 13h.—18h. 14th (38)	Weather. 18h. Midnight to 1h. 15th (39)	Weather. 1h.—7h. 15th (40)
cd.d.	odd.d.	ord.dR	crr-
bccd.d.	cdr.rm.	r.rrrR	r.r.rr
cd.d.o	dd.dro	RcRc	rbcro
cor.r.	ir.m.	orrm.	oirm.
cpr.d.	cd.drr	crrcR	crrm.
c cid.	cid.crm.	orr§bc	cro Rbc.
bcm.c	cid.ir.	cd.§	crbcbr
bcor.m.	cr.d.	crr	crr
b, c	cor.rm.	orr.rm.	orr.m, bc
bccqr	dir.r	orrq	or.bcc
oid.c	cir.	om.rr	orrc
c d.c	cord.	oir	oir
cd.r.	r.r.	rr.R	rr
cod	dr.cod	r.idbc	cor
orrir	oir	cprc	orrc
cr.r.r	cid.m.	rdrm	cdrm.
crr	pr.bc	bcPR	cPRq
cir.m	omirc	cpqp.	cl pq
coir	ocir	cPRq	pirq
cqirc	cqirc	cqirm.cl	cqprRc
ir.r.r.	ir.c	ir.c m	cir.
f d.d.cr.	r.r.c	cir.	cbc
m.d.cid.	or.d	cbc.	bcb
i.o r.	cr.r.	r.r.c	Scuuu
ocr.	corr	oir	o.oir
cpr.	prco	or	cor
Fr.r.om.	or.r.m.	r.r.om.	om.orr
bcmoir.	orrr	orrrq	oirq
bcc	c	cir	c
bccm.	cr.r.rm.	orr.r.c	om.r.r.c
cir.cm	cmr.roir.	ir.r.cm.	cbcmo
ccrrr	rrr.	cr.r.c	cir.
bc	cor.	rrc	bc
c	c	cpr.q	cpr.q
ir bc	irc		irbc
bcc3.	cir.	corr	orrir
c	c	cir	cir
cpr.orrm.	orr cir	circ	cpr
bcc	crr	cir.	cpr
bxcr.r.	cr.r.rr	crrrrc	crrr.r.
cqqrr	cqrrr	cr.r.c	oir.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

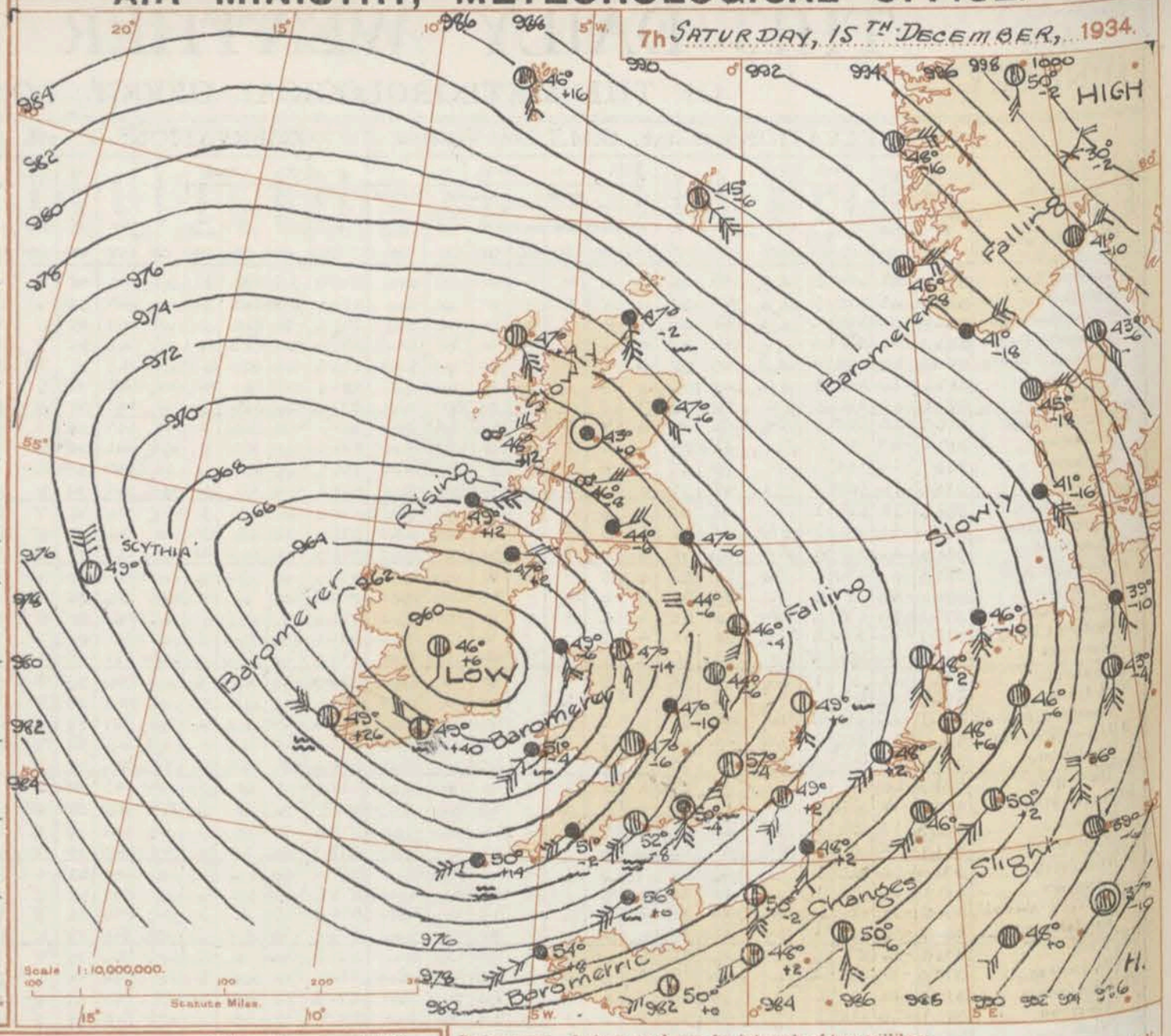
REPORTS from HEALTH RESORTS for 14th December 1934

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 13th. to 9h. 14th.	Temperature. Max. 9h.—17h. 14th.	Rainfall. Night. 17h. 13th. to 9h. 14th.	Rainfall. Day. 9h.—17h. 14th.	Sunshine Sunrise to Sunset. 14th.
1	Tunbridge W.	op	od	43	46	—	0·3	0·0
	Bournemouth	v	v	47	50	0·3	4	0·0
	Ventnor ...	vow	owov	47	49	1	2	0·0
	Southsea ...	oiv$_o$	oiv$_o$	47	50	1	1	0·0
	Bognor Regis	coiv	oiv	49	51	1	1	0·0
	Littlehampton	c	civ	48	50	1	2	0·0
	Worthing ...	iv$_o$	iv$_o$	48	50	1	2	0·0
	Brighton ...	o	od	48	50	0·2	1	0·0
	Eastbourne†	o	ov	48	51	—	0·2	0·0
	Hastings† ...	coc	co	47	50	—	—	0·0
	Folkestone ...	ov$_o$o	o	44	48	—	Trace	0·0
	Dover... ...	cov$_o$	o	45	49	—	Trace	0·0
	Deal	co	o	45	49	—	—	0·2
	Ramsgate ...	bcc	c	44	47	—	—	0·5
	Margate ...	c	cd$_o$	44	47	2	Trace	0·2
2	Southend ...	cbcco	ov$_o$	45	48	Trace	Trace	0·8
	Maldon ...	oc	cov	42	47	—	0·3	0·6
	Clacton-on-Sea	bcc	c	47	48	—	—	0·3
	Dovercourt ...	d bc	bcocv	46	47	Trace	0·1	0·8
	Lowestoft ...	c	cd$_o$o	46	49	—	Trace	2·0
	Skegness ...	bco	ov$_o$o	44	47	2	0·3	2·6
	Mablethorpe	c	cov	44	47	6	1	1·4
	Cleethorpes ...	ovc	cov	39	47	9	0·2	0·4
3	Leamington S.	co	od	44	47	7	0·3	0·0
4	Cheltenham†	cip	cipo	43	48	2	1	0·0
5	Bath	cv	cd	41	49	4	2	0·0
	Weymouth ...	cv$_o$	dd	47	51	4	2	0·0
	Jersey ...	vc	cvqv	43	51	1	1	0·0
	Torquay ...	o3$_o$cp	od o3$_o$	44	52	5	2	0·0
	Penzance ...	cid	idc	42	54	1	2	0·0
	St. Ives ...	cpv	c	43	54	1	7	0·2
	Bude	cbc	bcc	43	50	1	—	2·5
	Ilfracombe ...	do	o	46	51	0·3	0·2	0·0
6	Aberystwyth	cpv$_o$	c	43	50	—	0·3	0·0
7	Llandudno ...	cd$_o$	civ$_o$c	40	48	0·1	0·2	0·0
	Colwyn Bay...	cd od	oc	39	48	0·3	1	0·0
	Rhyl	cw$_o$	civ$_o$	36	47	—	Trace	0·0
8	Wallasey ...	mod	ov	41	47	—	1	0·0
	Southport‖ ...	op	ovo	38	47	—	2	0·0
	Blackpool ...	od	ov	40	47	0·2	2	0·0
	Morecambe ...	codd	idco	40	48	Trace	3	0·0
9	Ilkley... ...	ow$_o$d$_o$	ogvov	38	47	0·4	2	0·0
10	Berwick-on-T.	c	pv$_o$o	39	46	—	Trace	0·0
11	Dunbar ...	bc	cd$_o$	37	46	—	0·3	0·4
12	Troon... ...	coc	cov$_o$c	39	48	1	Trace	0·0
	Douglas ...	civc	coivy	41	48	1	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.

7h SATURDAY, 15TH DECEMBER, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 15th Dec., 1934.
1. S.E. England ✝ 2. E. England ✝ 3. E. Midlands 4. W. Midlands	Moderate or fresh south to southwest wind, strong in places; cloudy, brighter intervals, occasional rain; mild.
5. S.W. England ✝ 6. South Wales ✝	Wind southwest to west or northwest, fresh or strong, gale locally on coasts at first; cloudy, bright intervals, occasional rain; mild.
7. North Wales ✝ 8. N.W. England ✝ 9. N. Midlands 10. N.E. England ✝	Wind southerly or variable, strong at times; cloudy, brighter intervals, occasional rain; mild.
11. S.E. Scotland ✝ 12. S.W. Scotland & Isle of Man ✝ 13. A. W. Scotland ✝ B. N.W. Scotland ✝ 14. Mid-Scotland 15. N.E. Scotland ✝ 16. Orkneys and Shetlands ✝	Fresh or strong southeast or east wind; cloudy, occasional rain, bright intervals locally; mild.
17. N.W. Ireland ✝ 18. N.E. Ireland ✝	Wind east or northeast, fresh or strong at times; cloudy, occasional rain, bright intervals locally; mild.
19. S.E. Ireland ✝ 20. S.W. Ireland ✝	Fresh or strong west to northwest wind; bright intervals, occasional rain; 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 1/10 clouded. ◐ Sky 1/10 to 1/5 clouded. ◐ Sky 1/10 to 3/10 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 centred over Ireland is moving east slowly and beginning to grow less deep. Weather will be unsettled generally with occasional rain in all districts.

FURTHER OUTLOOK.

Unsettled.

Times of issue of Gale Warnings.

✝ South cone at 1930 on 7th in district 16 (part of); at 0800 on 9th in 16 (part of); at 0830 on 12th in 15; at 1910 on 13th in 5,6,7,12,13A,13B,17,18,19 and 20, and at 0840 on 14th in 1,2,10 and 11.

Forecasts issued at 1010 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

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

Morning of
SATURDAY,
15th DECEMBER,
1934.

Clarke's Projection Scale 1:4×10⁷ along meridian at 55°N
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 15th December 1934.

No. 21686

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

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	975·8	-10	SW'S	3	c/r	50	85	6	7	3	-	4-6	7·8	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	977·1	-6	SW	S	c/r	50	95	7	8	3	-	9	10	1500
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	976·6
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	975·2	-32	SE'S	S	r.c.	47	95	5	6	-	-	10	10	800
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	973·0	-8	SW	S	c	51	95	7	5	-	-	7·8	7·8	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	969·2	-20	SW	8	c/pr	50	95	6	5	-	-	9+	9+	1500
	Scilly (St. Mary's)	183	96·6·7	-16	SW	7	pr	51	85	7	9	6	-	7·8	9+	1500
	Guernsey	175	976·2	-10	SW	S	c/r	50	95	7	5	-	-	10	10	2500
6	Pembroke	142	963·0	-20	SSW	7	ir	51	95	6	8	28	-	10	10	1500
7	Holyhead	28	965·5	-20	SE	S	pr	50	85	7	9	-	-	10	10	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	973·5	-14	S	3	rr	46	95	6	6	-	-	10	10	1500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	974·7	-16	SSE	S	o	47	95	7	6	-	-	10	10	1500
11	Inchkeith	190	973·7	-20	ESE	2	o/r	45	95	8	6	-	-	10	10	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	973·7	-10	SE	6	c	47	85	7	5	2	-	7·8	10	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	978·3	-12	SSE	8	(ir)	47	95	7	9	2	-	7·8	10	1500
16	Lerwick	156	986·3	+4	ESE	6	c/pr	46	85	7	8	2	-	7·8	9+	2500 1500
17	Blacksod Point	18														
18	Malin Head	52	961·6	-8	E'S	4	4	48	85	7	9	-	-	7·8	7·8	800
	Aldergrove	256	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	965·5	+14	WSW	S	PR	49	95	4	6	-	-	10	10	?
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 15th 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)	974·0	0	S'W	4	c/r	49	85	8	5	7	-	4-6	9	1500	1	*
	Croydon	974·8	-4	SSW	4	c/r	47	95	6	5	2	-	2·3	9+	1500	1	*
	S. Farnborough	972·9	-6	S'W	4	rr	47	95	5	6	-	-	10	10	800	1	*
	Boscombe Down	971·1	-8	S'W	4	rr	47	95	6	6	-	-	10	10	450	2	*
	Calshot, (S'thmtn)	973·2	-4	S	7	ir	50	85	6	6	1	-	9	9+	1500	1	4
	Lympne	977·1	+2	SSW	5	c	49	95	7	5	7	-	7·8	9+	1500	1	§5
	Manston	975·3	-2	SW	5	bc	50	95	7	5	7	1	2·3	4·6	1500	1	*
2	Shoeburyness	975·5	0	SSW	3	c	49	85	7	9	2	-	2·3	10	1500	1	*
	Felixstowe	975·7	-2	SSW	5	bc	49	85	7	-	7	8	0	4·6	-	1	4
	Gorleston	974·9	+6	S'E	5	bc	49	85	6	5	-	3	2·3	4·6	2500	1	3
	Cranwell	971·8	-6	SE	3	m	44	95	4	5	-	1	7·8	10	220	1	*
3	Birmingham	969·4	-10	SSE	3	ir	47	93	8	6	-	-	10	10	800	1	*
	Upper Heyford	971·3	-8	S	5	ir	47	95	6	6	-	-	9+	9+	800	1	*
4	Ross-on-Wye	968·7	-6	SSW	2	o/r	47	95	7	6	-	-	10	10	2500	1	*
5	Portland Bill	970·4	-8	WSW	5	c	52	95	7	5	-	-	10	10	1500	1	5
	Plymouth	969·2	-2	SWS	6	ir	51	85	6	6	-	-	9+	9+	1500	1	4
	The Lizard	969·8	+10	SWW	6	pr	50	95	7	9	-	-	7·8	7·8	1500	1	5
	Scilly (St. Mary's)	968·5	+14	W'S	7	pr	50	95	6	3	-	-	7·8	7·8	1500	1	5
	Guernsey	975·1	0	WSW	6	ir	51	85	6	6	-	-	10	10	1500	1	4
6	Pembroke	962·5	-4	SSW	8	iR	51	65	6	8	-	-	10	10	1500	1	4
7	Holyhead	962·8	-6	SE	5	ir	49	95	7	6	7	-	4-6	9	2500	1	3
	Chester (Sealand)	967·2	-14	SE	3	bc	47	85	7	5	-	5	4-6	4-6	2500	1	*
8	L'pool (Bidston)	967·0	?	SES	4	bc	46	95	8	5	-	-	4-6	4-6	2500	1	*
	Manchester	968·0	-16	SSE	4	3c	47	85	6	5	4	-	2·3	2·3	2500	1	*
9	Harrogate	970·6	-6	SE	1	F	44	95	1	5	-	-	10	10	4150	1	*
10	Spurn Head	971·7	-4	SSW	3	c	46	95	6	5	7	-	2·3	7·8	1500	1	2
	Catterick	970·2	-10	-	0	0	44	95	6	5	-	-	10	10	800	1	*
	Tynemouth	971·2	-6	SE	4	ir	47	95	7	6	-	-	10	10	1500	1	3
11	Inchkeith	972·5	-6	ESE	3	c	46	95	8	5	2	-	4-6	9+	1500	1	2
	Leuchars	972·6	-4	ESE	4	o	47	95	6	5	-	-	10	10	800	1	*
12	Renfrew (Abbotsl)	970·7	-8	ENE	4	3o	46	95	6	5	-	-	4-6	4-6	4000	1	*
	Eskdalemuir	970·1	-6	E'N	4	ir	44	95	7	6	-	-	10	10	800	1	*
13A	Tiree	970·4	+12	NE'E	4	c	48	85	8	5	7	-	9	10	2500	1	3
13B	Stornoway	974·4	+4	ESE	6	pr	47	95	7	5	6	-	7·8	9+	1500	1	3
15	Dalwhinnie	974·4	0	-	0	ir	43	85	7	3	4	-	7·8	10	1500	1	*
	Aberdeen	975·1	-6	E'S	4	ir	47	95	6	6	-	-	10	10	800	1	3
	Wick	977·3	-2	SSE	8	ir	47	95	7	9	2	-	7·8	10	1500	1	4
16	Lerwick	985·3	-6	ESE	8	c	45	85	7	8	2	-	7·8	10	800	1	*
17	Blacksod Point																
18	Malin Head	965·9	+12	E	6	pr	49	85	7	6	-	-	10	10	800	2	2
	Aldergrove	965·7	+2	E	4	dr	47	95	6	6	2	-	9	10	800	1	*
	Donaghadee	965·5	+2	S	5	ir	49	95	7	6	-	-	10	10	800	1	3
19	Birr Castle	959·9	+6	S	1	c/pr	46	95	7	6	-	-	7·8	7·8	2500	1	*
20	Valentia Obsy.†	962·2	+26	WNW	6	C	49	85	8	5	-	-	10	10	1500	1	5
	Roches Point	962·5	+20	WNW	3	bc	49	85	8	5	-	-	4-6	4-6	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 Hrs. (36)
1	London (Kew)	48	48	43	2	7	0.0
	Croydon	48	47	45	1	5	0.0
	S. Farnborough	47	46	43	1	10	0.0
	Boscombe Down	48	43	41	3	5	0.0
	Calshot, (S'thmtn)	50	48	47	4	14	0.0
	Lympne	47	47	44	Tr	5	0.0
	Manston	47	46	45	Tr	3	0.3
2	Shoeburyness	47	47	44	Tr	5	1.0
	Felixstowe	48	46	45	0.2	5	0.6
	Gorleston	49	46	44	Tr	4	1.5
	Cranwell	45	43	41	0.6	5	0.0
3	Birmingham	47	44	43	1	2	0.0
	Upper Heyford	46	43	40	1	7	*
4	Ross-on-Wye	48	47	43	0.5	2	0.0
5	Portland Bill	53	50	*	3	2	*
	Plymouth	53	50	47	1	2	0.0
	The Lizard	53	49	*	2	5	*
	Scilly (St. Mary's)	53	49	*	2	1	0.0
	Guernsey	52	49	46	2	5	0.0
6	Pembroke	52	46	*	3	4	0.0
7	Holyhead	49	48	45	1	1	0.0
	Chester (Sealand)	47	45	40	1	0.2	0.0
8	L'pool (Bidston)	46	45	43	0.5	-	0.0
	Manchester	48	45	41	1	Tr	0.0
9	Harrogate	45	43	42	3	3	0.0
10	Spurn Head	47	45	*	2	4	1.3
	Catterick	46	44	43	1	2	*
	Tynemouth	47	46	43	0.3	3	0.4
11	Inchkeith	46	45	42	-	Tr	0.4
	Leuchars	47	46	45	0.6	5	0.3
12	Renfrew (Abbotsl)	46	45	43	1	0.4	0.0
	Eskdalemuir	43	41	41	5	2	0.0
13A	Tiree	46	45	43	1	1	0.0
13B	Stornoway	47	46	*	-	0.2	0.3
15	Dalwhinnie	40	39	37	3	10	0.0
	Aberdeen	48	46	44	0.3	4	0.0
	Wick	47	44	*	-	3	*
16	Lerwick	49 43	*	*	9	1	0.0
17	Blacksod Point			*			*
18	Malin Head	46	45	*	5	3	0.0
	Aldergrove	47	45	42	6	3	0.0
	Donaghadee	49	45	*	12	4	*
19	Birr Castle	49	45	41	2	3	0.3
20	Valentia Obsy.†	51	48	45	11	10	0.3
	Roches Point	51	48	*	9	6	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (To-day.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	cdodo	oddo	orrdoRc	48	48	43	2	7	0.0	*	*	7
Croydon	217	bccdodo	cdoGrm	GGrrR	48	47	45	1	9	0.0	*	*	6
Greenwich (Royal Observatory)	149	cid	cdrso	cirso	47	47	44	2	5	0.0	92	90	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park)	27	*	*	*	50	46	42	9		0.0	89	87	*
Regents Pk. (Botanic Gardens)‡	168	*	*	*	50	46	45	3	7	0.0	85	93	*
Camden Square	110	c	cdcr	*	47	46	43	2	8	*	*	93	*
Kensington	80	bccodo	coc	*	48	47	41	2	9	0.0	At 18h. 89	92	*
Hampstead Observatory	460	bcor	or	or	47	43	38	1	12	0.0	*	97	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
Not available.			

Kew Observatory. Max.	Time.	Min.	Time.
0·3	9h	< 0·1	1-7h
	14h		15h

FOREIGN OBSERVATIONS.

18h. G.M.T. 14th December

Stations.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	987·1	S	3	ir	50
Brussels	986·8	SSE	5	ido	48
Berlin	997·0	ESE	1	bf+	41
Zürich					
Rome	1002·5	WSW	3	bc	55

7h. G.M.T. 15th December

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
983·5	SSE	5	c	50
986·9	SSW	5	C	46
992·9	SSE	3	3o	41
997·9	NW	1	r	37
1003·9	SE	4	c	54

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
50	46	0·1	7
48	46	Tr	?
43	37	Tr	0·1
	34		0·1
·	·	0·5	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, 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 9h § Sea disturbance reported from Dungeness

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 16th December 1934.

No. 2687

OBSERVATIONS at 13h. G.M.T. 15th 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)	°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)	974·3	0	SSW	4	cr	50	85	6	6	2	-	7-8	10	800
	Croydon	975·0	+2	SSW	4	r$_o$r$_o$	50	85	6	6	2	-	7-8	9+	800
	S. Farnborough	974·1	+6	SSW	4	cr	48	95	7	9	-	-	10	10	800
	Boscombe Down	972·5	+6	SSW	4	c/pr	49	95	7	9	-	8	9	9+	800
	Calshot, S'thmtn	973·8	+4	SSW	5	c/pr	51	95	7	9	-	4	9	9+	1500
	Lympne	977·6	+2	SSW	5	c/pr	50	85	7	9	-	2	7-8	9	800
	Manston	977·4	+4	SSW	6	c/pr	52	85	7	9	7	-	7-8	9+	1500
2	Shoeburyness	976·0	+6	SSW	5	c	51	85	7	9	9	-	9	9+	1500
	Felixstowe	976·5	-2	SSW	5	c	50	85	7	9	-	6	7-8	9	2500
	Gorleston	975·7	+2	S'E	6§	cr$_o$	52	95	6	9	-	-	9	9	2500
	Cranwell	971·9	+2	SSE	4	c/pr	49	95	6	5	3	6	4-6	9	1500
3	Birmingham	970·5	+6	SSE	3	c	49	85	6	6	-	-	7-8	7-8	1500
	Upper Heyford	972·3	+6	S'W	3	3$_o$	50	85	6	5	7	-	7-8	9+	1500
4	Ross-on-Wye	970·4	+6	S'W	3	pr$_o$	51	85	7	6	7	2	9	9+	2500
5	Portland Bill	974·4	+14	SW	6	c/pr	52	95	7	4	-	1	4-6	9+	2500
	Plymouth	971·5	+4	SW	7	c/jp	52	85	7	8	-	2	4-6	7-8	1500
	The Lizard	971·8	+6	W	7	PR	49	95	7	9	2	-	9	10	1500
	Scilly (St. Mary's)	971·9	+16	W'N	6	c	51	95	7	9	7	-	7-8	9	1500
	Guernsey	976·7	+2	WSW	6	c	51	85	7	8	-	-	9+	9+	1500
6	Pembroke	965·3	+10	WSW	7	9	51	85	6	8	7	-	7-8	9+	2500
7	Holyhead	963·9	+12	S'E	3	c/d	50	95	7	8	-	2	4-6	7-8	2500
	Chester (Sealand)	968·0	+6	SSE	4	cr$_o$	49	85	6	6	2	-	7-8	9	1500
8	L'pool (Bidston)	967·2	×	S'E	4	c	49	85	6	5	-	-	7-8	9+	1500
	Manchester	968·7	+6	S'E	5	3$_o$	51	85	6	5	5	-	4-6	7-8	1500
9	Harrogate	970·7	0	SSE	2	c/d	46	95	4	5	-	-	10	10	450
10	Spurn Head	972·1	+2	S'W	4	c	48	95	6	3	2	-	4-6	7-8	1500
	Catterick	970·5	0	SE	2	3$_o$	47	95	6	5	-	-	10	10	1500
	Tynemouth	971·1	+4	SE	3	3$_o$	48	95	7	6	-	-	10	10	1500
11	Inchkeith	973·5	0	E	2	rr	46	95	7	8	-	-	9+	9+	1500
12	Leuchars	972·2	-2	NE	1	dd	47	95	6	6	2	-	7-8	10	800
	Renfrew (Abbotsl)	971·2	+2	ENE	3	cr$_o$	48	85	6	5	3	-	9	9+	2500
	Eskdalemuir	970·2	-2	ENE	4	c	45	95	8	5	-	-	9+	9+	800
13A	Tiree	972·7	+12	NNE	4	c	49	85	8	5	9	2	1	7-8	2500
13B	Stornoway	977·5	+4	E	3	c	48	85	7	8	6	-	7-8	9+	1500
15	Dalwhinnie	973·0	+2	NNE	2	c	43	95	7	3	4	-	7-8	10	800
	Aberdeen	974·1	-8	E	3	rr	47	95	6	6	-	-	10	10	800
	Wick	976·6	-6	E	8	cr	47	95	7	9	2	-	7-8	10	1500
16	Lerwick	984·8	-2	E	6	cr	44	95	7	9	2	-	7-8	10	800
17	Blacksod Point														
18	Malin Head	970·2	+24	NE	5	c	49	85	7	8	-	-	9+	9+	1500
	Aldergrove	968·6	+16	NE	4	0	48	85	6	5	-	-	10	10	800
	Donaghadee	967·3	+8	SSE	5	q	43	95	7	9	-	-	9+	9+	800
19	Birr Castle	965·1	+26	WNW	1	cr	48	95	7	6	-	-	10	10	2500
20	Valentia Obsy.	971·1	+34	NW'N	5	rr	49	95	7	6	2	-	4-6	10	800
	Roches Point	968·3	+18	NW	3	c	49	85	8	8	-	9	4-6	7-8	1500

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	°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)
977·3	+14	SSW	2	cr	48	95	6	6	2	-	7-8	10	800	1	*
977·6	+16	S'W	4	rr	48	95	6	6	2	-	9	10	800	1	*
976·1	+10	S	2	c/r	47	95	6	6	-	-	9+	9+	1500	1	*
974·3	+10	S	3	cr	47	95	6	6	-	-	10	10	450	2	*
976·5	-0	S'W	6	c/pr	51	85	7	9	-	-	7-8	7-8	1800	1	3
979·8	+12	SSW	5	6/r	50	85	8	5	3	-	4-6	9+	1500	1	5§
979·4	+14	SW	5	cr$_o$	50	85	7	5	-	-	10	10	1500	1	*
978·5	+20	SSW	4	c	50	85	7	8	7	-	7-8	9+	2500	1	*
979·1	+20	SSW	5	c	50	85	7	5	-	8	4-6	7-8	2500	1	3
978·6	+20	S	5	c	50	85	6	5	-	9	4-6	9	2500	1	3
974·6	+20	SE'S	3	6c	45	95	6	5	-	-	4-6	4-6	2500	1	*
973·1	+40	SSE	2	c	48	85	6	6	4	-	2-3	7-8	1500	1	*
974·7	+18	S	3	c/d	47	95	6	6	-	-	9+	9+	800	1	*
973·0	+12	SSW	2	cd$_o$	48	85	7	6	9	-	1	7-8	2500	1	*
974·5	+14	SW	5	6c/pr	52	95	7	4	-	-	4-6	4-6	2500	2	6
974·4	+18	WSW	5	6c	50	85	7	8	-	2	2-3	4-6	2500	1	3
974·6	+12	W	7	PR	49	95	7	5	-	-	10	10	1500	1	4
975·2	+24	WNW	6§	RR	50	95	6	6?	-	-	10	10	1500	1	5
978·2	+16	WSW	5	6c/r	51	75	7	8	-	-	4-6	4-6	1500	2	4
968·8	+16	W	5	c	50	85	7	8	7	-	7-8	7-8	2500	1	4
969·1	+32	-	0	c	49	95	6	5	3	-	4-6	9+	1500	1	0
971·5	+22	SSE	3	c	47	95	6	5	3	-	4-6	9	2500	1	*
971·4	+26	SSW	3	c	47	95	7	5	7	-	7-8	7-8	2500	1	*
971·6	+18	S	3	c/r	49	85	5	6	1	-	7-8	10	800	1	*
973·7	+14	SE	2	0/r	46	95	5	5	-	-	10	10	2500	1	*
975·2	+6	S	3	6c	47	95	7	5	7	-	2-3	4-6	2500	0	2
973·2	+20	SE'S	2	3$_o$	47	95	6	-	2	-	10	10	800	1	*
973·5	+20	S	3	3$_o$	48	85	7	6	-	-	10	10	1500	1	2
974·0	+20	ENE	3	rr	46	95	7	6	-	-	10	10	1500	1	2
974·9	+20	NE	1	c/d	47	95	6	5	2	-	7-8	10	1500	1	*
975·0	+30	NE'N	2	3$_o$	46	95	6	5	-	-	9+	9+	2500	1	*
973·3	+24	NE	3	r$_o$r$_o$	45	95	8	5	-	-	9+	9+	800	1	*
975·7	+26	N'E	2	c	49	85	8	5	7	-	9	9+	4000	1	4
978·1	+8	E	3	pr$_o$	47	95	7	8	6	-	4-6	10	1500	1	2
975·9	+20	NNE	1	cr$_o$	42	95	6	5	7	-	2-3	10	800	1	
976·7	+26	ESE	2	0/r	48	95	6	6	-	-	9	9	800	1	3
978·6	+10	E	6	rr	48	95	7	6	-	-	10	10	1500	1	4
983·8	-4	ENE	6	cr	44	95	6	6	2	-	4-6	10	800	1	
975·1	+30	N	4	pr	45	85	7	8	-	-	10	10	1500	1	1
974·0	+40	N	4	c/r	47	95	7	5	-	-	9+	9+	1500	1	
971·7	+24	ENE	5	cd$_o$	49	95	7	6	-	-	10	10	800	1	2
973·8	+50	WNW	2	0/r	48	95	7	6	-	-	10	10	2500	1	*
980·3	+62	NW	6	0/r	50	95	7	6	-	-	10	10	1500	1	5
975·4	+50	NW	5	6c	50	85	8	8	-	-	4-6	4-6	1500	1	4

PAST 24 HOURS.

Weather. 7h.—13h. 15m. (37)	Weather. 13h.—18h. 15m. (38)	Weather. 18h. 15m. to 1h. 16m. (39)	Weather. 1h.—7h. 16m. (40)
ccrr$_o$	ocrr$_o$	crc	crcoR r$_o$
r$_o$rrRRrr	cr$_o$r$_o$rR	crrr$_o$ddm$_o$	cd$_o$d$_o$bccd
cRrro	cr$_o$rRc	ccrbc	bccro
ocrcpr	cPocr	ocr$_o$	ocr$_o$c
cRqPR	cPRqm$_o$	bcrrcpr	c
crpr$_o$	cprcr	ccirc	crroRd
ocrrrc	ccr$_o$m$_o$	bccq§	ocrcpt
rrrcr	pbc	cpr	ccR
bcopr$_o$rrc	cp$_o$c	cbcc	cp$_o$rbc
ccr$_o$q	ccr$_o$q	cq	ccr$_o$q
cbccr	crm$_o$bc	bcm	cfc$_o$
d$_o$c	c	cbc	bccc
rr$_o$R	crm$_o$d$_o$	crm$_o$	crm$_o$bcc
c	pocpbcc	d$_o$cbcc	ccrq
cPR	cp	crr	crr
ccrprbcm$_o$	cprbcm$_o$	bccrr	cr$_o$bc
cprqc	cprq	prbcc	cprq
cp	pRR	cp$_o$c	cbcc
c$_o$Rq	pcrr	iRtL	ccrw
cqcr$_o$m$_o$	cqcr	cqcrrm$_o$c	cqcr$_o$bc
r$_o$rd$_o$	c d$_o$r	d$_o$PRc	c
ccr$_o$	oRrrm$_o$	crm$_o$	ccr$_o$m$_o$
crbcc	rrc	ccr$_o$c	crcc
crcr	cprrr	ccr$_o$	crrf
cfm$_o$cd$_o$	cro	ccr	cfc$_o$r$_o$
cbc	cbc	cbc	ccr$_o$
cd$_o$rm$_o$	cr$_o$rm$_o$	oRrr$_o$r$_o$m$_o$	rmcfc
ccr$_o$a	ccr$_o$	cirr$_o$	o
ccdrr	rrcorr	cdif$_o$	dif$_o$c
cr$_o$ddm$_o$	ddd$_o$rm$_o$	ccr$_o$m	rmfc
bccr$_o$rm$_o$	cr$_o$P$_o$	cr$_o$rm$_o$	cpr$_o$
crcc	cr$_o$r$_o$	cr$_o$rm$_o$	c
bc	bc	c	ccrd
c	cpr$_o$	cr$_o$r$_o$c	c
c	crc	*	crf
ocrrr	ocrc	cocr$_o$	ocr$_o$
ccr	crorr	cir	ccrc
ccr	ccrr$_o$m$_o$	cirpir$_o$m$_o$	occdrr$_o$
cpr$_o$	c	cpr$_o$	cpr
c d$_o$r$_o$m$_o$	rm$_o$ccr$_o$	c	cpr$_o$
ccrrc	cocd$_o$	cprrc	c
cprocr	ocr	ocrc	c
crrr	rrcrr$_o$c	cr$_o$r$_o$	cpr$_o$bc
cpr$_o$c	ocrbc	bcc	bcpc§

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.

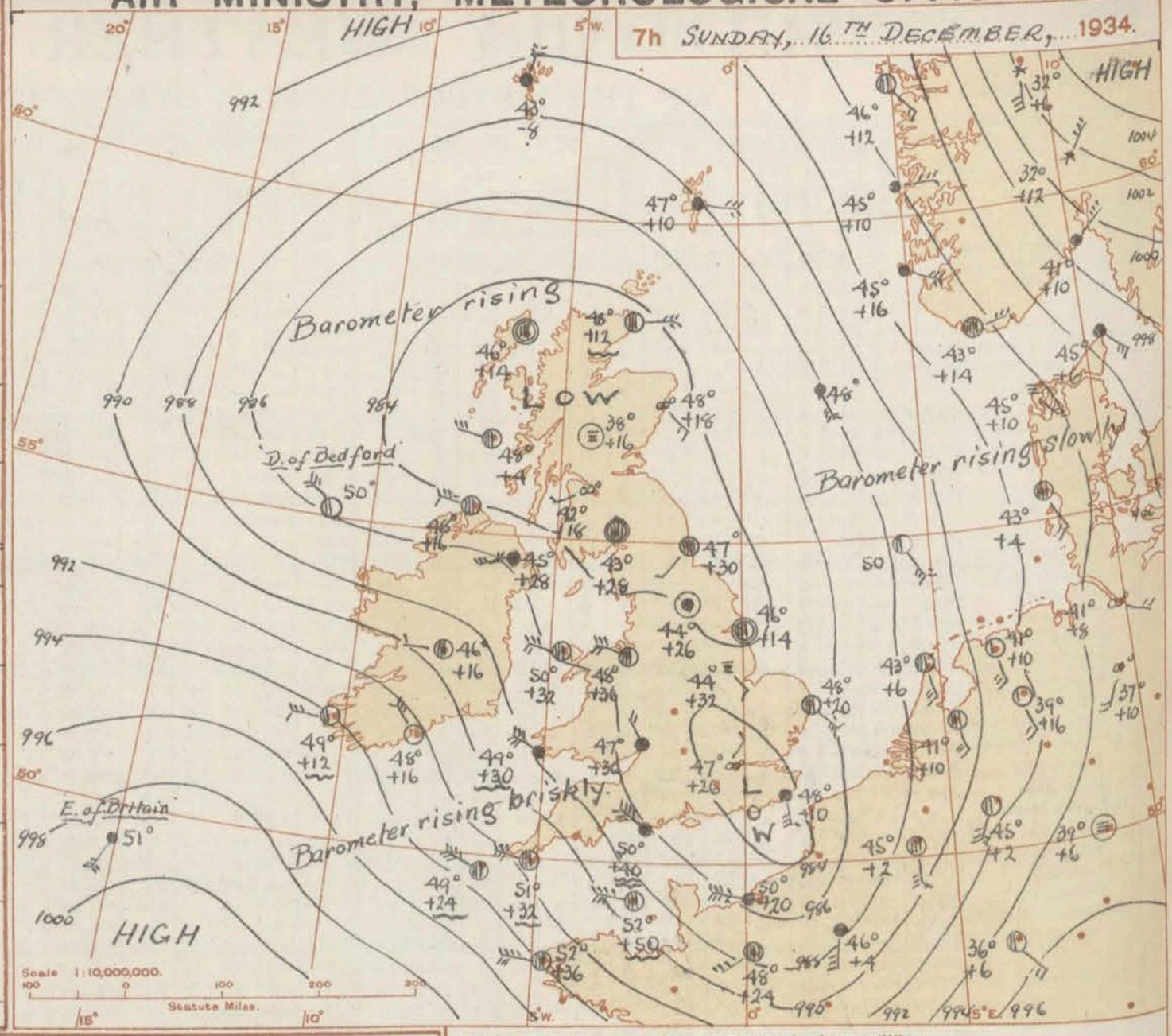
REPORTS from HEALTH RESORTS for ....15th December.... 1934

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 14th to 9h. 15th.	Temperature. Max. 9h.—17h. 15th.	Rainfall. Night. 17h. 14th to 9h. 15th.	Rainfall. Day. 9h.—17h. 15th.	Sunshine. Sunrise to Sunset. 15th.
1	Tunbridge W.	opaco	apo	45	49	15	5	0·0
	Bournemouth	oco	aco	48	51	9	7	0·0
	Ventnor ...	roc	ac	47	51	20	6	0·0
	Southsea ...	ococ	oc	48	54	22	10	0·2
	Bognor Regis	rbcR	pcR	48	51	16	6	0·1
	Littlehampton	crop	cp	48	52	13	4	0·0
	Worthing ...	cr	ccc	48	51	13	3	0·1
	Brighton ...	doco	aco	50	52	23	3	0·0
	Eastbourne†	cocco	aco	49	53	9	3	0·1
	Hastings† ...	aco	opoc	47	52	9	2	0·5
	Folkestone ...	acc	coco	44	53	9	1	0·1
	Dover... ...	coc,c	copkco	47	53	6	4	0·0
	Deal	ou	cR	45	52	7	2	0·0
	Ramsgate ...	cco	aco	45	52	5	2	0·0
	Margate ...	cp	cp	44	52	3	1	0·0
2	Southend ...	cp	cqc	45	51	6	1	0·2
	Maldon ...	ocr	ccr	45	51	7	2	0·1
	Clacton-on-Sea	cPc	c	46	50	7	2	0·0
	Dovercourt ...	rocbc	rocbc	46	51	7	1	0·5
	Lowestoft ...	crcbc	ccurbc	47	51	5	0·3	1·2
	Skegness ...	bco	o	45	49	1	-	1·1
	Mablethorpe	bcc	c	44	48	3	-	0·9
	Cleethorpes ...	ocq	c	44	49	5	-	0·5
3	Leamington S.	cbc	c	45	51	5	-	0·4
4	Cheltenham†	c	cpb	46	51	5	Trace	1·4
5	Bath	cbc	cpbc	45	53	2	0·3	0·9
	Weymouth ...	cr	cr	48	53	11	3	0·1
	Jersey ...	rocbc	crc	48	53	2	0·1	0·6
	Torquay ...	pbccp	bcpcp	48	53	3	2	0·8
	Penzance ...	bcp	c	48	53	1	2	0·4
	St. Ives ...	r	c	47	51	4	2	0·3
	Bude	pc	pc	46	52	9	1	0·8
	Ilfracombe ...	cocc	coco	48	52	3	0·3	0·2
6	Aberystwyth	rrpr	PR	46	51	5	10	0·0
7	Llandudno ...	c	ccdr,	44	52	1	0·3	0·1
	Colwyn Bay...	bcpbc	cpcbc	45	52	0·3	1	0·2
	Rhyl	r,bcc	crc	42	52	Trace	1	1·2
8	Wallasey ...	opcbc	ccrrc	44	50	0·3	4	1·2
	Southport‖ ...	aco	crc	45	51	0·1	5	1·0
	Blackpool ...	arc	ar	45	50	1	3	0·0
	Morecambe ...	crrbc	bccar	45	52	1	2	0·2
9	Ilkley	am,ro	agaro	41	49	7	1	0·0
10	Berwick-on-T.	ar,	r,o	41	47	3	2	0·0
11	Dunbar ...	arrm,	ar,m,	43	48	2	3	0·0
12	Troon... ...	cbc	cfc	42	52	-	-	1·8
	Douglas ...	acrq	acd	45	49	2	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.

7h SUNDAY, 16TH DECEMBER, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 16th December, 1934
1. S.E. England 2. E. England... 3. E. Midlands	Wind variable, light or moderate; dull, intermittent rain or drizzle; local fog; mild.
4. W. Midlands 5. S.W. England ↓ 6. South Wales ↓ 7. North Wales	Wind northwesterly, backing westerly, fresh, strong to gale on coast; showers and bright periods today, general rain spreading fron west tomorrow; mild.
8. N.W. England 9. N Midlands 10. N.E. England 11. S.E. Scotland	As 1 - 3.
12. S.W. Scotland & Isle of Man 13. A. W Scotld. B. N.W. Scotland	Wind westerly or variable light to moderate; cloudy, intermittent rain; mild.
14. Mid Scotland	As 1 - 3.
15. N.E Scotland 16. Orkneys and Shetlands.	Wind easterly fresh, decreasing to moderate; cloudy, intermittent rain; mild.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland ↓ 20. S.W. Ireland ↓	Wind westerly, backing southwesterly tonight, moderate to fresh, strong to gale on South and West coasts; showers and bright intervals today, continuous rain spreading from west tonight; mild.

H.M. Stationery Office Press Kingsway WC2

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.

GENERAL INFERENCE.

A complex depression with centres over Scotland and Southeast England is filling up while a new disturbance west of Ireland is moving east. Weather will be cloudy with rain at times in all districts though there will be bright intervals in the southwest today. Fog will persist locally in eastern districts.

FURTHER OUTLOOK.

Mild and rainy.

Time of issue of Gale Warning.

↓ South Cone at 1910 on 13th in districts 5, 6, 19 (part of) and 20.

Forecasts issued at 1000 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

Morning of
SUNDAY,
16th DECEMBER
1934.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 16th December 1934.

No. 24687

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

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	979.6	+6	S'W	2	d. d.	49	95	6	6	-	-	9+	9+	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	982.0	+6	S'W	4	c	48	85	7	5	-	-	10	10	1500
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	981.6	+14	S'E	5	c	49	95	6	9	-	-	9+	9+	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	976.2	-6	W	7	c	50	95	6	5	-	-	10	10	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	982.7	+46	NW'W	7	q	51	85	7	9	6	-	7-8	7-8	1500
	Scilly (St. Mary's)	163	985.8	+40	NW'W	7	c	51	85	6	8	7	-	7-8	9	2500
	Guernsey	175	981.4	+14	NW'W	7	c/r	52	85	7	8	-	-	9+	9+	2500
6	Pembroke	142	979.3	+48	NW	7	r r	50	65	6	5	-	-	10	10	1500
7	Holyhead	26	978.7	+42	N'W	4	ir	50	85	6	6	2	-	7-8	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	979.1	+10	SSE	3	c	47	95	7	5	7	-	4-6	7-8	2500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	979.0	+10	S	2	o	48	95	7	6	-	-	10	10	1500
11	Inchkeith	190	979.0	+12	NE	1	3.	46	95	6	5	-	-	10	10	800
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	980.0	+10	ENE	3	c	47	95	7	5	7	-	7-8	9+	1500
15	Dalwhinnie	1178	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	981.3	+16	ESE	4	ir	48	95	7	6	2	-	7-8	10	1500
16	Lerwick	156	985.5	+18	SE	5	o	47	95	6	5	-	-	10	10	450
17	Blacksod Point	18														
18	Malin Head	52	980.7	+20	N'W	3	c	49	95	7	8	-	-	9+	9+	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	990.2	+34	W	6	RR	49	95	6	8	-	-	9	9	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	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	983.9	+20	N'W	2	c c	48	95	5	6	2	-	9	9+	1500	1	*
	983.4	+26	NNE	1	3.	47	95	5	6	-	-	9+	9+	2500	1	*
	984.0	+32	W'N	1	o/c	47	95	5	6	-	-	10	10	800	1	*
	984.3	+38	NW	3	c	46	95	6	6	-	-	10	10	1500	1	*
	984.8	+30	W'N	4	c	48	85	7	6	3	-	9	10	1500	1	2
	983.4	+10	SE'S	4	cd.	48	95	7	7	-	-	9+	9+	800	1	3
	983.4	+10	SW	5	q	49	85	7	7	-	-	9+	9+	2500	1	*
2	983.7	+18	SSW	1	c c	48	95	7	6	2	-	7-8	10	800	1	*
	984.6	+20	S.E	4	o/c	49	85	7	6	-	-	10	10	800	1	3
	985.1	+20	SE'S	4	c	48	95	6	6	-	-	9	9	2500	1	3
	984.4	+32	SE	1	cf	44	95	3	5	-	-	9+	9+	800	1	*
3	985.6	+34	WNW	2	c c	45	95	6	6	-	-	10	10	1500	1	*
	984.3	+32	W	2	c	44	95	6	5	-	-	9+	9+	800	1	*
4	985.5	+36	N'W	2	c c.	47	95	7	6	-	-	10	10	1500	1	*
5	986.2	+40	NW	7	c c	58	95	7	8	-	-	10	10	1500	2	6
	990.2	+40	WNW	5	c	51	85	7	7	-	-	9	9	1500	1	3
	991.9	+32	WNW	6	c	51	85	7	7	-	-	7-8	7-8	2500	1	4
	993.1	+24	NW'W	7	c	49	85	7	7	-	-	9	9	2500	1	5
	988.9	+50	WNW	7	q	52	75	7	8	-	-	9+	9+	2500	1	4
6	987.4	+30	NW	6	cd.	49	85	7	4	7	-	4-6	4-6	2500	1	4
7	985.7	+36	WNW	5	c	50	85	7	5	3	-	7-8	10	2500	1	3
8	984.8	+36	WNW	5	c/r	48	85	7	5	2	-	7-8	10	1500	1	*
	985.1	+30	NW'N	4	c	47	95	7	5	-	-	10	10	1500	1	*
	984.1	+28	NW'W	2	df	46	95	3 7	5	-	-	10	10	450	2	*
9	984.2	+26	-	0	r r	44	95	1	5	-	-	10	10	450	1	*
10	983.5	+14	-	0	c	46	95	6	5	7	-	4-6	7-8	1500	1	1
	983.7	+30	-	0	f	44	95	2	5	-	-	10	10	450	1	*
	982.9	+30	SW	1	f	47	95	6	6	-	-	10	10	1500	1	1
11	983.1	+24	WSW	2	c	45	95	7	5	-	-	10	10	1500	1	2
	983.1	+20	-	0	f	46	95	3	5	-	-	10	10	450	1	*
12	983.6	+18	WSW	1	3.	42	95	6	8	7	-	7-8	10	2500	1	*
	983.3	+28	-	0	c	43	95	7	5	-	-	10	10	800	1	*
13A	982.9	+14	WNW	3	c	48	95	7	5	7	-	9	10	2500	1	3
13B	982.5	+14	-	0	c	46	95	7	8	-	-	7-8	7-8	1500	1	0
15	983.1	+16	-	0	f	38	95	2	-	-	-	0	0	-	1	*
	983.6	+18	SE'S	2	3.	48	95	6	6	-	-	10	10	1500	1	2
16	983.7	+12	E	5	c	48	95	7	8	2	-	7-8	10	1500	1	4
	984.4	+10	E'S	5	cc.	47	95	5	5	-	-	10	10	450	2	*
17	984.0	+16	W'N	4	c	48	95	7	4	-	-	7-8	7-8	1500	1	1
18	986.6	+28	WSW	3	pc	45	95	7	7	-	-	9+	9+	1500	1	*
	985.0	+20	W	2	c	47	95	7	5	-	-	7-8	7-8	1500	0	1
19	989.5	+16	WNW	1	c	46	95	7	5	-	-	9+	9+	2500	1	*
20	994.4	+12	WNW	4	bc	49	85	8	5	-	-	4-6	4-6	2500	1	4
	992.6	+16	NNW	4	b	48	75	8	-	-	-	0	0	-	1	3

PAST 24 HOURS.

District	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 15m. Hrs. (36)
1	51	47	41	8	4	0.0
	50	47	46	16	3	0.0
	49 50	46	42	11	2	0.0
	50	43	41	5	1	0.0
	52	48	46	13	3	0.0
	50	47	46	2	4	0.2
	52	47	46	1	0.3	0.1
2	52	48	44	3	3	0.3
	51	48	45	1	3	0.3
	52	48	46	0.2	0.2	0.8
	50	43	41	0.1	Tr	0.2
3	50	43	42	0.6	0.1	0.1
	50	42	31	2	-	*
4	51	44	39	1	1	0.5
5	54	49	*	9	5	*
	53	49	45	2	1	1.4
	52	48	*	2	1	*
	52	48	*	3	2	2.4
	52	48	46	10	2	0.1
6	52	48	*	3	3	0.0
7	50	47	45	3	2	0.0
8	51	45	42	3	0.2	0.4
	50	45	44	4	0.4	1.1
	52	46	41	3	2	0.1
9	47	44	43	0.4	2	0.0
10	49	45	*	-	1	1.3
	48	44	42	0.1	2	0.0 *
	49	46	43	0.3	3	
11	47	45	41	3	0.1	0.0
12	48	46	42	4	1	0.0
	48	42	38	Tr	0.1	0.0
	45	42	41	1	0.1	0.0
13A	49	47	43	-	0.4	0.2
13B	49	44	*	0.1	1	0.0
15	48	44	42	0.1	2	0.0 *
	49	46	43	0.3	3	
16	47	45	41	3	0.1	0.0
	48	46	42	4	1	0.0
	48	42	38	Tr	0.1	0.0
	45	42	41	1	0.1	0.0
17	49	44	41	7	Tr	0.0
18	50	47	*	1	Tr	0.0
	48	44	41	1	Tr	0.0 *
	50	44	*	0.3	2	
19	49	44	41	7	Tr	0.0
20	50	43	43	10	2	0.0
	50	47	*	1	0.1	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather Morning.	Weather Afternoon.	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	cu r.	cu r.	cr cu R r.	51	47	41	8	4	0.0	*	*	5
Croydon	217	r r R r r	cu r R q	cr d b c c	50	47	46	16	3	0.0	*	*	3
Greenwich (Royal Observatory)	149	cu r	cr c R	r c r s m	50	46	43	10	4	0.0	92	96	4
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park)	27	*	*	*	51	47	42	11		0.0	87	95	*
Regents Pk. (Botanic Gardens) ‡	168	*	*	*	51	46	43	5	2	0.0	92	100	*
Camden Square	110			*	50	47	37	5	2	*	*	98	*
Kensington	80	cor	cor	*	50	46	37	5	4	0.0	At 18h. 97		*
Hampstead Observatory	450	or	or	of	49	44	37	3	3	0.0	91	95	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
NOT AVAILABLE			

Kew Observatory. Max.	Time.	Min.	Time.
0.1	13h. 15½	<0.1	01-24h. 16½

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 15th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 16th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	986.3	SSW	3	c	48	987.7	S	3	r r	46
Brussels	985.2	SSW	4	c	48	987.8	SSE	5	o	45
Berlin	993.3	SSE	1	3.	43	995.9	ESE	2	3.	43
Zürich	997.6	N	1	ir.	43	999.4	ESE	1	o c f	39
Rome	999.5	SE	8	o	57	994.1	WSW	9	cd.	55

Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
	45		2
54	43	0.1	-
48	41	-	0.1
46	39	5	13
		-	22

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, 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 9h. § Sea disturbance reported from Dungeness

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 17th December 1934.

No. 26644

District	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 16th December: Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind: Direc. (3)	Wind: Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud: Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)	OBSERVATIONS at 18h. G.M.T. 16th December: 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. 16th (37)	12h.–18h. 16th (38)	18h. 16th to 1h. 17th (39)	1h.–7h. 17th (40)
1	London (Kew)	999·9	+18	NNW	2	dm	48	95	4	5	–	–	10	10	1500	992·2	+10	SW'W	2	b	46	95	5	–	8	–	0	Tr	–	1	*	cm c d m	d bc bm	bbcm	bfw
	Croydon	990·2	+22	W'N	3	m	48	95	4	5	7	–	7·8	9+	800	992·5	+18	WSW	4	3o	46	95	6	5	–	–	1	1	1500	1	*	cmd fc m	c m r d bc	bc bbc m	c g m g F
	S. Farnborough	990·3	+20	W'N	2	c	49	85	7	5	3	–	7·8	9	2500	992·2	+2	WSW	1	b	44	95	7	5	–	–	Tr	Tr	4000	1	*	o i r c	c b c b	b c	c b b c w
	Boscombe Down	991·3	+24	W'N	4	3o	48	85	6	5	–	–	9	9	2500	992·3	+6	W'S	2	c	43	95	7	5	3	–	7·8	7·8	2500	1	*	c d i r c	c b b c c	c c p r	b m
	Calshot, S'thmtn	991·2	+24	W	4	c	50	85	6	5	3	–	4·6	9	2500	993·4	+14	SSW	3	bc	45	85	8	5	7	–	Tr	4·6	2500	1	1	c p r c b c	c b m bc	b c r n	c r r b c
	Lympne	988·6	+24	NW'N	3	o/r	49	95	5	6	–	–	10	10	450	992·5	+14	NW'W	2	3o	46	95	5	–	3	–	0	2·3	–	1	9 1	c c r m	c b m	b c b c m g W	b c j e m g b f e
	Manston	988·0	+18	NW	2	c	50	95	7	5	7	–	4·6	9+	2500	991·2	+16	W	2	3o	48	95	5	5	–	–	10	10	1500	1	*	c i r	c m	c b c b m o	b m o W
2	Shoeburyness	988·5	+20	NW'W	2	c/r	49	95	6	6	2	–	7·8	10	800	991·3	+16	W'S	2	c	48	95	6	5	–	–	9+	9+	1500	1	*	c r r m	c m	c m o	b c m
	Felixstowe	988·5	+14	SW'S	1	c	50	85	7	5	3	–	4·6	9+	2500	991·1	+12	W'S	2	3o	48	95	6	–	3	–	0	4·6	–	1	1	c	c c d m b g	b c j e j o	c j b e m o
	Gorleston	989·0	+20	SSE	2	c	50	95	6	8	6	–	4·6	7·8	2500	990·1	+6	SSE	2	i r	48	95	6	6	–	–	10	10	2500	1	2	c i r o r	c o i r	o r o c	c j e o
	Cranwell	988·2	+8	WSW	2	m	48	95	4	5	–	–	7·8	7·8	2500	990·6	+16	W'S	1	m	45	95	4	–	–	–	0	0	–	1		f m b c m	d o c m b	b m c m	c m b e t
3	Birmingham	990·2	+16	WNW	3	bc	48	85	5	8	3	–	2·3	4·6	2500	991·2	+10	WSW	2	c	45	95	5	8	–	–	10	10	2500	1	*	o R b c	b c c	c	c b c
	Upper Heyford	990·1	+22	WSW	3	3o	48	85	6	5	7	–	7·8	9+	1500	991·5	+10	W'S	2	bc	43	95	7	5	7	–	2·3	4·6	2500	1	*	c r o	c m b c	c b c	c b e c w
4	Ross-on-Wye	990·9	+14	W	3	bc	50	75	8	8	6	–	2·3	4·6	4000	991·5	+4	S	2	c/pr	45	85	7	6	4	–	7·8	9	4000	1	*	r c p o c b c	b c c p r o	c c m o	c b w
5	Portland Bill	992·8	+44	NW	5	c	51	85	7	4	–	–	7·8	7·8	2500	993·0	-6	W	4	bc	51	85	7	–	4	–	0	2·3	–	1	4	o r r c	c b c	o r r	o r r c
	Plymouth	994·5	+14	WNW	5	c	51	75	6	8	–	1	4·6	7·8	2500	993·0	-18	SW	4	c	49	85	6	5	2	–	4·6	9	1500	1	3	c p r m b c	b c j o c	o R r r	o b
	The Lizard	995·7	0	W	6	c	50	85	7	8	7	–	7·8	7·8	2500	993·0	-10	S'W	4	r r	47	75	7	5	–	–	10	10	2500	1	3	c p r o r	c p r o r	r p r c	p r b c
	Scilly (St. Mary's)	996·5	+4	W'N	5	c	50	85	7	8	2	5	4·6	9+	2500	991·6	-24	S'E	3	r r	46	95	6	6	–	–	10	10	1500	1	3	c	c o r r	r r o c p o	c d p o	
	Guernsey	995·6	+16	NW'W	6	c	52	75	7	8	–	–	7·8	7·8	2500	995·4	-8	W	3	c	49	85	7	8	–	–	10	10	2500	1	3	c g b c	c	c o r i r	o r b c
6	Pembroke	991·6	-8	NW	4	c	50	75	7	5	1	–	4·6	7·8	4000	990·1	-4	WSW	3	c	49	75	7	5	2	–	4·6	9+	4000	1	3	c g b c c	c g m c	c r o	c g b c
7	Holyhead	989·4	+14	W'N	5	c	49	85	7	5	–	–	10	10	2500	989·0	-4	W'N	3	b c j p	48	85	7	8	3	–	4·6	4·6	2500	1	2	c b c c	c p r	p r h c	c b c
	Chester (Sealand)	989·8	+18	W'N	3	c	50	85	7	8	3	–	4·6	7·8	2500	990·2	+2	SW	1	3o	43	95	5	5	–	–	7·8	7·8	2500	1	*	c m b c c	p r b c c	m c	c i r o
8	L'pool (Bidston)	989·5	+14	NW	4	c	48	95	7	6	7	–	2·3	9	2500	989·8	+4	W'N	2	c	46	95	8	5	3	–	2·3	9	2500	1	*	c b b c c	c b c c	c	c r o P c
	Manchester	988·6	+14	NW'W	3	3o	49	95	5	9	3	–	4·6	7·8	1500	989·8	+6	WSW	2	bc/pr	46	95	4	4	–	–	4·6	4·6	4000	1	*	5 d o b c	p r b c m	r b c m	b c c m
9	Harrogate	987·6	+6	SW	1	c	45	95	5	5	8	–	7·8	9+	2500	989·8	+6	–	0	bc	41	95	7	–	–	5	0	4·6	–	1	*	F i r c	c b b c	b c c	c
10	Spurn Head	987·9	+6	–	0	c	47	95	6	5	7	–	4·6	7·8	1500	989·4	+4	–	0	c	46	95	6	5	7	–	4·6	9	1500	1	1	c	c	5 5 o	F F
	Catterick	987·5	+12	S	2	F	45	95	1	5	–	–	10	10	<150	988·8	+4	–	0	b F	35	95	1	–	–	–	0	0	–	1	*	R o r F	o b c b F e	b F e c m o	m c m o n
	Tynemouth	986·6	+8	SW	1	o 5	47	95	3	5	–	–	10	10	1500	988·1	+12	SW	2	c 5	46	85	3	4	–	–	7·8	7·8	4000	1	1	o 5 5	o c 5 5	o 5 5 i r o c	c
11	Inchkeith	986·3	0	WSW	2	3o	45	95	6	5	3	–	4·6	9+	1500	986·7	+8	SW	2	c	47	95	7	5	–	–	9+	9+	1500	0	1	i 5 c 3 o	c 3 o 3 o	b c c	c w
12	Leuchars	985·5	+6	–	0	3o	47	95	5	5	–	–	10	10	1500	986·7	+8	SSW	2	m	45	95	4	5	2	–	7·8	10	1500	1	*	F F m c m	o m c m	c m c m o	c m W
	Renfrew (Abbotsl.)	985·6	+2	–	0	c 5	46	95	3	5	–	–	9+	9+	4000	986·8	+8	SSW	1	3o	46	95	6	8	3	–	7·8	9+	4000	1	*	c m j 5 5	5 5 m 5 o c	c p r b c m o	b c r r m
	Eskdalemuir	986·4	+8	SW	3	c	45	95	7	7	–	–	9	9	1500	988·0	+6	SSW	2	c	42	95	6	5	3	–	4·6	7·8	<150	1	*	b c m m c	c r o b c	c c m o	o m m
13a	Tiree	984·3	+2	W'N	3	c	49	95	7	8	7	–	7·8	9+	1500	985·5	+8	WSW	3	c	47	95	6	8	7	–	9	9+	1500	1	3	c P R	c	c P R	c
13b	Stornoway	983·7	+2	–	0	c	47	95	8	8	7	–	7·8	10	1500	984·5	+6	–	0	c 5	45	95	3	8	7	–	7·8	10	<150	1	0	c	c 5	c p r c m o	c
15	Dalwhinnie	985·2	0	NE	1	c	40	95	7	5	5	–	4·6	10	1500	985·4	+8	SW	1	c	42	95	6	5	2	–	4·6	10	1500	1		5 5 c	i r c		c
	Aberdeen	985·6	+4	SSE	2	3o	48	95	5	5	–	–	9	9	800	986·6	+10	SSE	2	c/r	46	95	5	5	–	–	9+	9+	4000	1	2	o c m o	r o i r c	c j o	c b m W
	Wick	985·2	+8	SE	3	c	48	95	7	8	1	–	7·8	9+	1500	985·3	+6	SE	3	c	48	95	6	8	1	–	7·8	10	1500	1	3	c	c m o	c m o	c m o c
16	Lerwick	987·7	+4	SE	4	o/r	47	95	6	5	–	–	10	10	450	989·6	+14	S'E	5	c	47	95	6	8	2	–	7·8	9+	800	1	*	o i r o m o	o i r c m o	c m o	c
17	Blacksod Point																																		
18	Malin Head	985·8	+2	W	4	c/pr	50	85	7	3	–	–	9+	9+	800	986·3	+6	W'S	1	R R	45	95	6	6	–	–	10	10	800	2	1	c p r o	c P R	c p r	c p r
	Aldergrove	988·2	+6	SW	3	c	47	95	7	8	3	–	4·6	9	1500	988·6	+2	SSW	2	c	45	95	7	5	–	–	9	9	1500	1	*	c p r b c c	c p r o	e	c b c b
	Donaghadee	987·7	+4	SW	2	c	48	95	7	5	–	–	7·8	7·8	1500	987·7	-2	SW	2	c	46	95	7	5	–	–	9	9	1500	0	1	c	c	c	c b c
19	Birr Castle	991·0	0	SW	1	c	47	85	8	5	–	–	7·8	7·8	4000	989·4	-4	SW	1	i r	45	95	7	6	2	–	7·8	10	1500	1	*	c	c i r	c p r b c	b c b x
20	Valentia Obsy.	992·1	-26	S'E	2	c	47	85	8	5	7	–	4·6	9+	2500	987·9	-28	ENE	4	r r	41	95	7	6	2	–	7·8	10	1500	1	4	b c c	c r r R r r	r r c p r o	c b c c
	Roches Point	994·9	-2	W	3	c	48	85	8	5	–	–	9	9	1500	990·8	-14	SW	3	r r	43	95	6	6	–	–	10	10	1500	1	3	b b c c	c o r r	o r r c	c b c b

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/e, 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. "t r" 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.*

5 Sea disturbance reported from Dungeness.

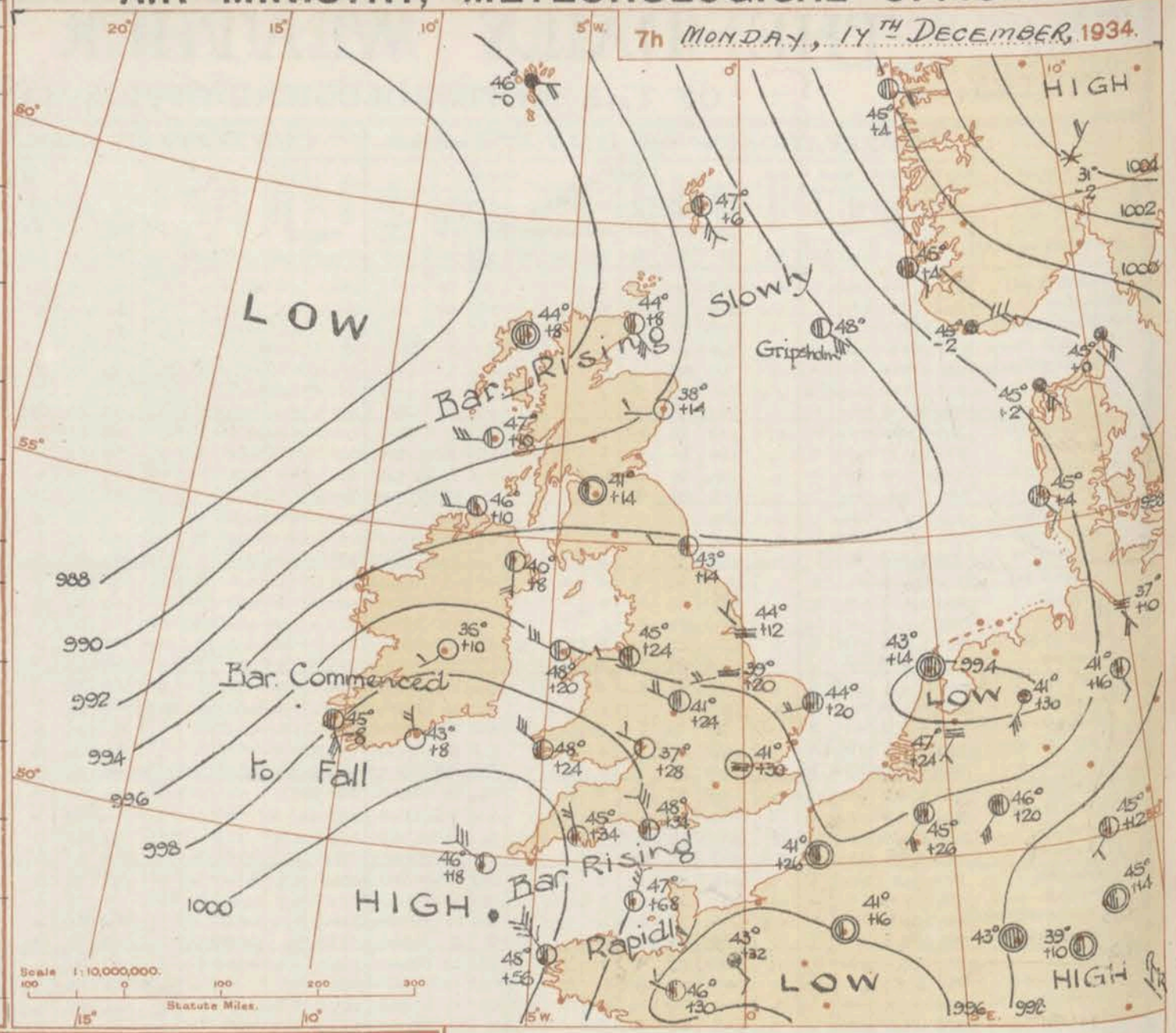
REPORTS from HEALTH RESORTS for 16th December 1934

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.	o r o c	o c o	46	49	10	1	0·1
	Bournemouth	b	b	46	51	5	–	5·2
	Ventnor ...	c b	b b c	46	52	8	–	3·5
	Southsea ...	o r c	b c b	48	51	7	0·6	2·3
	Bognor Regis	c b c c	b c	48	51	12	–	1·5
	Littlehampton	b c c	c b c	47	51	13	–	0·5
	Worthing ...	c	c	48	51	17	–	0·6
	Brighton ...	o c b c	b c	48	51	10	–	1·0
	Eastbourne†	o r$_0$ o c	c b c b	47	52	10	0·2	0·2
	Hastings† ...	o b o	o c b c	47	51	7	0·4	0·6
	Folkestone ...	o i r c	c o m d	47	50	1	0·3	0·3
	Dover... ...	o c m	m c o i r$_0$	48	51	1	Trace	0·1
	Deal	o d$_0$ o	o d$_0$	48	50	0·3	Trace	0·0
	Ramsgate ...	c m	c m	48	50	0·3	–	0·1
	Margate ...	c	c	48	50	0·5	–	0·1
2	Southend ...	c o r	o m	47	49	2	1	0·0
	Maldon ...	o r r	o	47	49	8	1	0·0
	Clacton-on-Sea	c	c m	47	50	2	–	0·0
	Dovercourt ...	r o c	o c	46	51	–	3	0·0
	Lowestoft ...	c o r$_0$	c o d$_0$	48	50	0·5	Trace	0·1
	Skegness ...	b c o	o	45	49	1	Trace	0·0
	Mablethorpe	o	o	45	48	3	–	0·0
	Cleethorpes ...	o r 3$_0$	o c 3$_0$	44	49	2	Trace	0·0
3	Leamington S.	m b c	c	44	49	1	–	0·1
4	Cheltenham†	m c	c b c c	44	50	3	–	0·8
5	Bath	c b c	c b c b	47	52	0·3	–	2·5
	Weymouth ...	b	b c	47	54	7	–	4·2
	Jersey ...	c p c	c b p c	44	53	7	0·3	1·3
	Torquay ...	b c p v	b c c 3$_0$	48	53	3	0·3	2·8
	Penzance ...	c b c	c	48	51	4	–	0·6
	St. Ives ...	c	c	49	51	2	–	0·9
	Bude	c b c	b c c	49	51	4	–	1·6
	Ilfracombe ...	c b c c	c	49	52	11	–	0·7
6	Aberystwyth	c	c	46	50	2	–	0·0
7	Llandudno ...	c	c	47	50	0·5	–	0·0
	Colwyn Bay...	c b c c	c b c c	46	50	0·3	–	0·5
	Rhyl	c	c p r c	45	50	0·4	0·1	0·9
8	Wallasey ...	c b c	p c	47	50	1	Trace	1·6
	Southport‖ ...	o c	c o c	46	50	0·4	–	1·3
	Blackpool ...	c b c	b c c	46	49	0·4	–	1·6
	Morecambe ...	c b c	b c r c	46	49	3	0·3	2·0
9	Ilkley	m$_0$ r	o c p c	43	48	4	3	0·0
10	Berwick-on-T.	o r$_0$	c o	44	46	5	Trace	0·2
11	Dunbar ...	c r$_0$ m$_0$	b c	42	49	1	–	0·5
12	Troon... ...	r$_0$ c b c	c r r c	41	52	Trace	2	0·5
	Douglas ...	c b b c c	c b c c	46	49	14	–	2·1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h MONDAY, 17TH DECEMBER, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 17th December, 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Light westerly wind, becoming fresh to strong south to southwest; cloudy, continuous rain early tomorrow; average temperature becoming mild,
4. W. Midlands 5. S.W. England ▼ 6. South Wales ▼ 7. North Wales 8. N.W. England 9. N. Midlands	Freshening southerly winds, becoming strong to a gale; continuous rain tonight, brighter intervals later tomorrow; mild.
10. N.E. England 11. S.E. Scotland	Freshening southerly winds, becoming strong to gale; bright intervals at first, continuous rain after midnight; average temperature, becoming mild.
12. S.W. Scotland & Isle of Man 13. { A. W. Scotland. B. N.W. Scotland	As 4 - 9.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	As 10 - 11.
17. N.W. Ireland ▼ 18. N.E. Ireland 19. S.E. Ireland ▼ 20. S.W. Ireland ▼	Strong to a gale southerly winds, veering tomorrow to southwest; continuous rain this afternoon and evening; bright intervals later; 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 1/10 clouded. ◑ Sky 1/10 to 1/5 clouded. ◕ Sky 1/10 to 1/2 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 is rapidly approaching the western seaboard from the Atlantic while shallow depressions over Holland and Northwest France are filling up. Rain and strong southerly winds will be renewed in Ireland this afternoon and these conditions will extend northeast later.

FURTHER OUTLOOK.

Occasional rain; bright intervals; mild.

Times of issue of gale warnings.

▼ South Cone hoisted at 1910 on 13th in districts 5,6, 19(part of) and 20, and at 0405 on 17th in district 17.

Forecasts issued at 1000 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

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

Morning of
MONDAY
17th December.
1934.

Lambert's Projection Scale 1 : 4 x 10⁷ along meridian at 55°N
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with the wind. Number of feathers indicate Beaufort Force.
⓪ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 17th December 1934.

No. 26622

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

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	992.1	0	-	0	½	44	95	6	5	-	-	9+	9+	5700
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	992.1	-10	N	2	c/f	42	95	2	5	3	8	1	7-8	4000
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	990.8	-4	W	2	c	46	95	5	5	-	-	9+	9+	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	991.3	+2	S	4	rr	50	95	7	5	-	-	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	988.5	+20	N	4	pr	49	95	7	5	-	-	9+	9+	2500
	Scilly (St. Mary's)	163	989.0	+34	NNE	7	c	47	95	7	9	-	-	9+	9+	1500
	Guernsey	175	987.8	-20	WNW	6	o	51	85	6	5	-	-	10	10	1500
6	Pembroke	142	992.2	+20	N	3	c/c	45	95	7	6	-	-	10	10	1500
7	Holyhead	26	991.8	+18	NW'W	4	c	49	85	7	8	3	-	7-8	9	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	990.5	+2	-	0	m	45	95	4	5	-	-	10	10	800
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	990.3	+12	SW	1	c	47	85	5	6	-	-	9	9	1500
11	Inchkeith	190	989.9	+22	WSW	2	c	44	95	7	5	3	-	2-3	7-8	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	987.5	+22	-	0	c/pc	43	95	6	8	6	-	4-6	9	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	988.0	+10	SE	2	c	47	95	6	5	1	-	4-6	7-8	1500
16	Lerwick	156	991.8	+8	S'E	5	c	47	95	6	5	2	-	7-8	10	800
17	Blacksod Point	18														
18	Malin Head	52	990.4	+18	W	2	c	47	95	7	8	-	-	9	9	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	997.0	+26	W	3	c	52	95	8	8	8	-	4-6	9	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 17th 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)	997.3	+24	SSW	1	bf	40	95	2	-	-	-	0	0	-	1	*
	Croydon	996.8	+30	-	0	F	41	95	1	5	-	-	10	10	<150	1	*
	S. Farnborough	997.1	+32	WNW	1	m	40	95	4	5	3	-	1	4-6	2500	1	*
	Boscombe Down	997.5	+32	WNW	1	m	40	95	4	-	-	-	0	0	-	1	*
	Calshot, (S'thmtn)	996.6	+32	NW	3	bc	43	95	7	5	-	-	2-3	2-3	2500	1	1
	Lympne	996.6	+30	NNW	2	bcf	39	95	2	5	-	1	1	2-3	4000	1	§1
	Manston	995.9	+16	NW	1	m	39	95	4	5	3	-	1	2-3	4000	1	*
2	Shoeburyness	996.2	+30	NW	1	m	35	95	4	5	4	-	2-3	4-6	4000	1	*
	Felixstowe	996.0	+24	W'N	2	½o	42	95	5	-	3	1	0	4-6	-	1	1
	Gorleston	994.5	+20	WSW	2	c	44	95	6	5	-	-	10	10	2500	1	2
	Cranwell	995.7	+20	WSW	2	c+	39	95	3	-	5	6	0	9	-	1	*
3	Birmingham	997.5	+24	WNW	2	c	41	95	6	-	3	1	0	7-8	-	1	*
	Upper Heyford	996.9	+34	WSW	2	½o	42	95	5	5	7	-	7-8	9	2500	1	*
4	Ross-on-Wye	997.5	+28	W'N	1	b/g	37	95	6	5	-	-	Tr	Tr	4000	1	*
5	Portland Bill	997.7	+34	NNW	4	c	48	95	7	5	-	-	7-8	7-8	1500	1	4
	Plymouth	999.1	+34	NNW	2	bc	45	95	8	5	-	-	2-3	2-3	4000	1	1
	The Lizard	1000.6	+30	WNW	3	bc	47	95	8	8	-	-	2-3	2-3	2500	1	3
	Scilly (St. Mary's)	1001.4	+18	NW	4	bc	46	85	8	8	-	-	2-3	2-3	2500	1	3
	Guernsey	998.1	+68	NNE	4	bc	47	85	9	8	-	-	4-6	4-6	1500	2	4
6	Pembroke	997.7	+24	NW	3	bc	48	85	7	4	-	-	4-6	4-6	4000	1	3
7	Holyhead	996.1	+20	WNW	3	bc	48	85	8	7	-	-	2-3	2-3	4000	1	2
	Chester (Sealand)	996.7	+24	W	1	c	45	85	7	5	-	-	9+	9+	1500	1	*
8	L'pool (Bidston)	996.7	+20	WNW	3	c	45	95	8	8	-	-	7-8	7-8	2500	2	*
	Manchester	996.3	+22	SSW	1	cr	42	95	4	6	2	-	7-8	10	800	1	*
9	Harrogate	995.4	+14	WSW	1	c	43	95	7	5	-	-	9+	9+	4000	1	*
10	Spurn Head	994.4	+12	NW	1	oF	44	95	1	5	-	-	10	10	<150	0	1
	Catterick	995.2	+20	-	0	½o	39	95	5	5	3	-	4-6	10	4000	1	*
	Tynemouth	994.2	+14	W	1	c	43	95	6	9	-	-	7-8	7-8	1500	1	2
11	Inchkeith	993.3	+16	S	1	bc	44	95	8	5	-	-	4-6	4-6	1500	1	1
	Leuchars	993.0	+14	SW	2	c	40	95	5	5	-	8	2-3	7-8	2500	1	*
12	Renfrew (Abbotsl)	993.8	+14	-	0	bc/r	41	95	4	5	-	-	4-6	4-6	2500	1	*
	Eskdalemuir	994.9	+10	-	0	m	39	95	4	5	-	-	10	10	450	1	*
13A	Tiree	991.5	+10	W	3	bc	47	95	8	8	4	-	4-6	4-6	2500	1	3
13B	Stornoway	989.9	+8	-	0	c	44	95	7	8	6	-	4-6	9+	1500	1	0
15	Dalwhinnie	992.5	+12	SW	1	c	41	95	7	5	6	-	4-6	10	1500	1	*
	Aberdeen	992.3	+14	W	1	½o	38	95	6	-	4	-	0	Tr	-	1	1
	Wick	990.4	+8	SE	3	c	44	95	8	8	1	-	4-6	4-6	1500	1	3
16	Lerwick	992.9	+6	S'E	4	c	47	85	7	8	2	-	4-6	7-8	800	0	*
17	Blacksod Point																*
18	Malin Head	992.7	+10	W	2	c	46	95	7	4	-	-	7-8	7-8	1500	2	1
	Aldergrove	995.3	+8	S	2	bc	40	95	8	5	-	-	2-3	2-3	1500	1	*
	Donaghadee	994.3	+12	W	1	bc	41	95	8	5	3	-	2-3	4-6	1500	0	0
19	Birr Castle	997.1	+10	SW	1	b	36	95	8	-	-	-	0	0	-	1	*
20	Valentia Obsy.†	998.0	-8	S'E	3	c	45	85	8	5	1	-	7-8	7-8	2500	1	4
	Roches Point	999.9	+8	NNW	2	b	43	85	8	-	-	-	0	0	-	1	3

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 16th Hrs. (36)
1	London (Kew)	49	40	30	0.3	Tr	0.0
	Croydon	49	39	35	0.1	Tr	0.0
	S. Farnborough	50	40	31	Tr	Tr	0.1
	Boscombe Down	49	38	35	0.4	1	1.7
	Calshot, (S'thmtn)	51	43	40	0.1	4	2.3
	Lympne	49	39	32	2	Tr	0.2
	Manston	50	37	30	0.1	0.2	0.0
2	Shoeburyness	50	33	28	3	Tr	0.0
	Felixstowe	50	39	34	Tr	-	0.0
	Gorleston	50	43	42	0.2	3	0.0
	Cranwell	49	39	36	Tr	Tr	0.7
3	Birmingham	50	41	34	3	-	1.0
	Upper Heyford	48	40	32	1	-	*
4	Ross-on-Wye	51	37	28	0.3	-	1.8
5	Portland Bill	52	43	*	-	5	*
	Plymouth	52	43	38	0.1	9	1.4
	The Lizard	51	46	*	2	11	*
	Scilly (St. Mary's)	51	45	*	4	4	1.5
	Guernsey	53	43	43	-	7	2.0
6	Pembroke	51	45	*	-	2	1.5
7	Holyhead	50	47	43	Tr	Tr	1.5
	Chester (Sealand)	50	40	34	Tr	0.2	1.1
8	L'pool (Bidston)	48	43	41	-	2	1.9
	Manchester	50	39	32	2	0.2	0.3
9	Harrogate	46	41	36	1	-	0.3
10	Spurn Head	48	43	*	-	-	0.0
	Catterick	45	35	31	2	-	0.0
	Tynemouth	47	43	38	-	7	*
11	Inchkeith	48	42	38	-	-	0.3
	Leuchars	49	37	29	Tr	-	0.1
12	Renfrew (Abbotsl)	47	36	30	0.2	0.4	0.0
	Eskdalemuir	47	37	36	1	-	1.9
13A	Tiree	49	46	42	1	3	0.6
13B	Stornoway	48	42	*	Tr	Tr	0.0
15	Dalwhinnie	42	39	35	0.2	Tr	0.0
	Aberdeen	48	38	30	1	-	0.0
	Wick	49	41	*	-	-	*
16	Lerwick	48	46	*	2	-	0.0
17	Blacksod Point			*			*
18	Malin Head	50	44	*	11	3	0.2
	Aldergrove	48	39	35	0.2	-	1.8
	Donaghadee	49	38	*	-	-	*
19	Birr Castle	48	35	28	1	0.2	1.0
20	Valentia Obsy.†	49	41	37	12	2	0.0
	Roches Point	49	41	*	4	3	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet	Weather Morning.	Weather Afternoon.	Weather Night.	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.			Yesterday.					To-day.			
Kew	18	cm c d m	d bc bm	bbc bf w	49	40	30	0.3	Tr	0.0	*	*	1
Croydon	217	cm d f c m	c m r	bc bm t F	49	39	35	0.1	Tr	0.0	*	*	2
Greenwich (Royal Observatory)	149	c m	c c bm	bc w m t c	49	39	32	Tr	Tr	0.0	86	100	1
City (Bunhill Row)	—				*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park)	27	*	*	*	50	39	33	—		0.0	98	98	*
Regents Pk. (Botanic Gardens) ‡	168	*	*	*	49	40	34	—	—	0.2	85	100	*
Camden Square	110	c	b	*	49	41	31	Tr	Tr	*	*	97	*
Kensington	80	o b c	b z b c	*	49	40	31	—	—	0.1	At 18h.	98	*
Hampstead Observatory	450	o f	c	o f	48	37	34	0.1	-	0.2	92	100	*

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 16th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 17th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	995.5	W	4	c	50	996.6	-	0	bc	41
Brussels	989.8	SSE	3	o	46	996.3	SW	2	o	45
Berlin	996.0	-	0	m	43	999.7	SE	1	m	37
Zurich										
Rome	997.0	-	0	bc	48	998.6	NW	1	bc	41

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
Not available			

Kew Observatory. Max.	Time.	Min.	Time.
0.3	19h 16m	0.2	4h 17th

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
50	41	7	3
46	45	1	0.6
46	37	-	-
×	×	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.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† The observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 18th December 1934.

No. 26689

OBSERVATIONS at 13h. G.M.T. 17th 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)	°F. Temp. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	1001·3	+2	SW'W	2	b	46	85	5	-	-	-	0	0	-
	Croydon	1001·8	+1	SW'W	2	m	47	85	4	-	3	1	0	1	-
	S. Farnborough	1001·3	+6	W	1	bc	49	85	7	-	-	4	0	2·3	-
	Boscombe Down	1001·6	+10	WNW	1	c	48	75	7	-	-	1	0	7·8	-
	Calshot, S'thmtn	1001·9	+1	NW	1	3o	47	85	5	-	3	6	0	4·6	-
	Lympne	1002·0	+22	NW	2	m/f	42	95	4	5	3	1	4·6	4·6	220
	Manston	1001·2	+24	NW	1	f	43	95	3	-	3	-	0	Tr	-
2	Shoeburyness	1001·0	+1	WSW	1	f	42	95	1	5	-	-	10	10	450
	Felixstowe	1000·7	+1	NW'W	2	m/f	43	95	4	-	3	-	0	2·3	-
	Gorleston	999·5	+1	SW'W	2	m	46	95	4	5	3	-	4·6	7·8	2500
	Cranwell	999·5	+1	WSW	2	3o	45	95	5	5	-	-	9+	9+	5700
3	Birmingham	1000·2	+8	SW	2	b	48	75	5	-	4	-	0	1	-
	Upper Heyford	1000·9	+1	SW	2	bc	49	75	7	-	7	4	0	2·3	-
4	Ross-on-Wye	1000·5	+6	SW'S	2	bc	47	75	7	-	-	4	0	4·6	-
5	Portland Bill	1001·8	+1	NNW	3	c	51	85	7	-	-	8	0	7·8	-
	Plymouth	1003·0	+1	WSW	3	c	50	85	7	8	7	-	7·8	9+	2500
	The Lizard	1003·3	+2	SW	3	c	50	85	8	8	6	-	7·8	9+	2500
	Scilly (St. Mary's)	1001·6	-8	SSW	4	c/pr	49	85	8	8	7	-	4·6	9+	2500
	Guernsey	1003·4	+1	NW	1	bc	51	75	7	8	7	-	4·6	4·6	2500
6	Pembroke	999·5	+4	WSW	4	c	49	75	7	8	2	-	4·6	9+	4000
7	Holyhead	998·6	+6	SW'S	3	c	48	85	7	5	7	6	2·3	9	2500
	Chester (Sealand)	999·4	+6	SW'W	1	bc	52	65	6	8	-	4	1	2·3	4000
8	L'pool (Bidston)	999·1	+8	W'S	2	b	47	85	8	-	-	8	0	1	-
	Manchester	998·9	+8	SW'W	2	3o	46	85	5	8	-	-	4·6	4·6	2500
9	Harrogate	998·1	+14	WSW	2	b	46	85	7	5	4	-	Tr	1	2500
10	Spurn Head	998·6	+10	NW	2	cf	46	95	7	5	7	-	7·8	9+	<150
	Catterick	997·7	+10	W	1	bc	47	85	7	2	3	-	2·3	4·6	2500
	Tynemouth	997·7	+12	W	2	m	46	95	4	4	-	-	4·6	4·6	4000
11	Inchkeith	996·1	-8	SW	3	c	48	85	7	5	6	-	2·3	7·8	2500
	Leuchars	994·8	+6	SW	3	c	46	85	5	7	3	-	4·6	7·8	2500
12	Renfrew (Abbotsl.)	994·7	0	SSW	2	c	47	85	7	8	-	-	7·8	7·8	2500
	Eskdalemuir	996·4	+4	S'W	2	f	41	95	3	8	-	-	10	10	<150
13A	Tiree	991·9	-10	S	3	c	48	85	8	8	5	8	4·6	7·8	2500
13B	Stornoway	990·9	+2	SSW	3	bc	46	95	8	3	7	-	2·3	4·6	1500
15	Dalwhinnie	993·5	+6	SW	2	bc	43	85	7	4	4	3	2·3	4·6	1500
	Aberdeen	994·0	+6	S	2	b	46	85	7	5	4	-	1	1	5700
	Wick	991·7	+2	S	3	c	46	95	8	5	5	7	4·6	7·8	1500
16	Lerwick	993·4	+2	S'E	4	c	47	95	7	5	7	-	4·6	9+	1500
17	Blacksod Point	991·9	-24	ESE	4	c	47	85	8	-	7	-	0	10	-
18	Malin Head	992·0	-18	S	3	c	44	85	8	5	7	3	1	9+	1500
	Aldergrove	996·0	-14	SSE	3	3o	42	95	7	5	7	6	Tr	9+	450
	Donaghadee	995·6	+2	WSW	2	c	45	85	8	8	3	-	4·6	7·8	1500
19	Birr Castle	995·0	-30	S	2	c	42	95	8	5	-	-	10	10	2500
20	Valentia Obsy.	991·3	-54	SSE	6	cr	46	85	7	6	2	-	7·8	9+	1500
	Roches Point	997·1	-34	SW	5	c/pr	49	85	8	6	-	-	7·8	7·8	1500

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1002·3	-6	S'W	2	c	45	85	5	5	3	-	2·3	7·8	2500	1	*
1003·1	+6	S'W	3	3o	45	85	5	5	7	-	2·3	9	4000	1	*
1002·4	+2	S'W	1	c	45	85	6	-	7	-	0	9+	-	1	*
1001·6	-2	S	2	3o	45	95	6	5	1	-	4·6	10	1500	1	*
1002·5	+2	S	3	c/pr	49	85	7	5	2	-	4·6	10	4000	1	1
1004·0	+8	SW	2	3o	43	95	6	-	3	6	0	9	-	1	5 2
1003·5	+10	SW	2	m	40	95	4	-	-	6	0	7·8	-	1	*
1002·6	+6	-	0	m	41	95	4	-	1	-	0	10	-	1	*
1002·4	+4	SW	2	bcf	43	95	3	-	-	8	0	4·6	-	1	1
1002·0	+6	SW'S	2	3o	43	95	5	-	-	-	0	0	-	1	2
1000·3	0	SSW	2	3o	43	85	5	5	3	8	2·3	7·8	4000	1	*
1000·4	-4	S	3	c	43	85	7	-	7	-	0	9+	-	1	*
1001·3	-2	S	3	c	43	95	5	-	7	-	0	9+	-	1	*
999·1	-6	S	3	c	46	85	6	-	7	-	0	9+	-	1	*
1000·7	R	SW	4	c	51	95	8	5	-	-	10	10	1500	1	3
999·3	-24	S	6	c/r	50	85	8	5	2	-	4·6	10	1500	1	4
997·8	-16	S'E	6	rr	48	95	6	6	-	-	10	10	1500	1	4
994·8	-40	S	6	rr	50	95	6	6	-	-	10	10	1500	1	4
1003·4	-10	SSW	4	rr	49	85	8	6	-	-	10	10	1500	2	3
999·9	-14	S	7	rr	49	85	6	5	-	-	10	10	1500	1	3
993·7	-26	S'E	4	cr	48	85	7	6	7	-	9	10	1500	1	2
997·6	-6	SSE	3	cr	45	85	6	6	2	-	7·8	9+	2500	1	*
997·0	-6	SSW	4	c	45	85	8	5	-	-	9	9	2500	1	*
997·8	-6	S	3	3o	45	95	5	5	7	-	2·3	9+	4000	1	*
998·4	0	SSW	1	m	42	95	4	5	4	-	1	2·3	<150	1	*
999·2	+2	-	0	cf	43	95	2	5	7	-	7·8	9+	<150	0	1
997·4	-2	S	1	c	41	95	7	5	3	6	1	7·8	4000	1	*
996·7	0	SW	2	bc	45	85	6	2	-	-	4·6	4·6	2500	1	1
995·9	-2	SW	1	bc	44	95	7	5	5	-	4·6	4·6	1500	1	1
994·4	-2	SSW	1	c	42	95	6	5	-	-	7·8	7·8	2500	1	*
993·7	-6	E'S	2	3o	42	95	5	5	3	-	7·8	9+	2500	1	*
994·7	-8	S	3	c	42	95	8	5	-	-	9+	9+	450	1	*
988·6	-22	SSE	5	c	45	85	8	5	1	-	4·6	7·8	2500	1	3
988·9	-10	S	4	c	47	95	8	8	7	-	4·6	7·8	1500	1	2
992·8	-2	W	3	c	41	85	6	5	2	-	4·6	10	1500	1	*
993·6	+2	SW'S	2	3o	44	85	5	5	-	-	2·3	2·3	4000	1	1
991·3	-4	SSW	3	bc	45	95	8	5	4	-	4·6	4·6	2500	1	2
992·7	-6	S'E	4	c	47	95	7	8	7	-	7·8	9	1500	0	*
983·3	-38	ESE	6	q	48	95	8	9	-	-	7·8	7·8	1500	1	5
986·5	-32	S	4	r cr	43	85	7	6	-	-	10	10	1500	2	1
991·3	-36	SE	4	r cr	43	85	7	-	2	-	0	10	-	1	*
992·0	-14	SSW	3	cr	45	85	7	6	-	-	9+	9+	800	1	2
987·9	-42	S	3	rr	45	85	7	6	-	-	10	10	1500	1	*
984·0	-38	S	6	c	54	95	7	5	-	-	9+	9+	800	1	4
988·7	-54	SSW	6	rr	51	95	6	6	-	-	10	10	800	1	5

PAST 24 HOURS.

State of Ground. 0-9 (29)	Sea. 0-9 (30)	Weather. 7h.–13h. 17th (37)	Weather. 13h.–18h. 17th (38)	Weather. 18h. 17th to 1h. 18th (39)	Weather. 1h.–7h. 18th (40)
1	*	of bcf	bccmm	cm or r	orccrbc
1	*	offebcbm	bbcm cm	cm dr	cDd bm
1	*	f bcb	bbccm	cor	or rc
1	*	bfm bccc	bcm	cm po	bprc
1	1	bcbm	bcm cpr	cir rr	crrbcb
1	5 2	f bm f	bfcm	cpr cw	orrddhr
1	*	bmf	bf m cm	bcm c	crdr
1	*	bcf f	cf m	cm	crr
1	1	cf bcm	bcm bcf	bcf	or rrm
1	2	cbcfm	cm 3o	bmor	or q
1	*	cf m	cm	cb, cr	cir
1	*	bcb	b, c	cir	corbc
1	*	cbbc	bcc	rr b	cRR
1	*	bcf bbc	bcc	cor bq	cqpr
1	3	c	c	orr	orrc
1	4	bmc	cr r	crr dm bc	bcc irm
1	4	bcc	cprrr	crrpr	cpr c
1	4	bccp	corr	cirq	cirq
2	3	bcc	bccc	oiRq	oRrr
1	3	bcc	cqcrc	cqir mc	cqmirc
1	2	bcc ⊕	cr c	ro q c	crm
1	*	cm bc	bccm	cir	rr bc
1	*	p bcb	bcc	cir	cirbc
1	*	r f cm	bccm	r r	r rbc
1	*	cb	bm	bm of r	ocir
0	1	fcbc	fffc	ir rom	omp
1	*	cm bc	bcc	cf orr	r r rm
1	1	cbcfffm	bcm	bcc oir	oirq
1	1	bcz 3o c	cbcw	cRRir	cir
1	*	cw bcm	bcm cm	cbccr	or rr
1	*	bcm cp	cm	3m bbr	cm r
1	*	off	off c	r r r	crrm
1	3	cpr bc	bcc	rRR	c
1	2	cbc	bcc	cpr r	cpr
1	*	c	bcc	*	irc
1	1	bf b	bc 3o	bcwc	orm do
1	2	c	cbc	c	cpr
0	*	cr	c	c	cbcc
1	5	cr q	prcq	PRcq	PRcq
1	*	c	cb	cpr	cpr
1	*	bcc	cr r r	cr r	cr r
1	2	bcc	cr r	cbrc	bc
1	*	bbcc	corr	rrc	corr
1	4	cr	oRRc	Rclir	irpr
1	5	bpbc	cpcrr	orirc	cbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

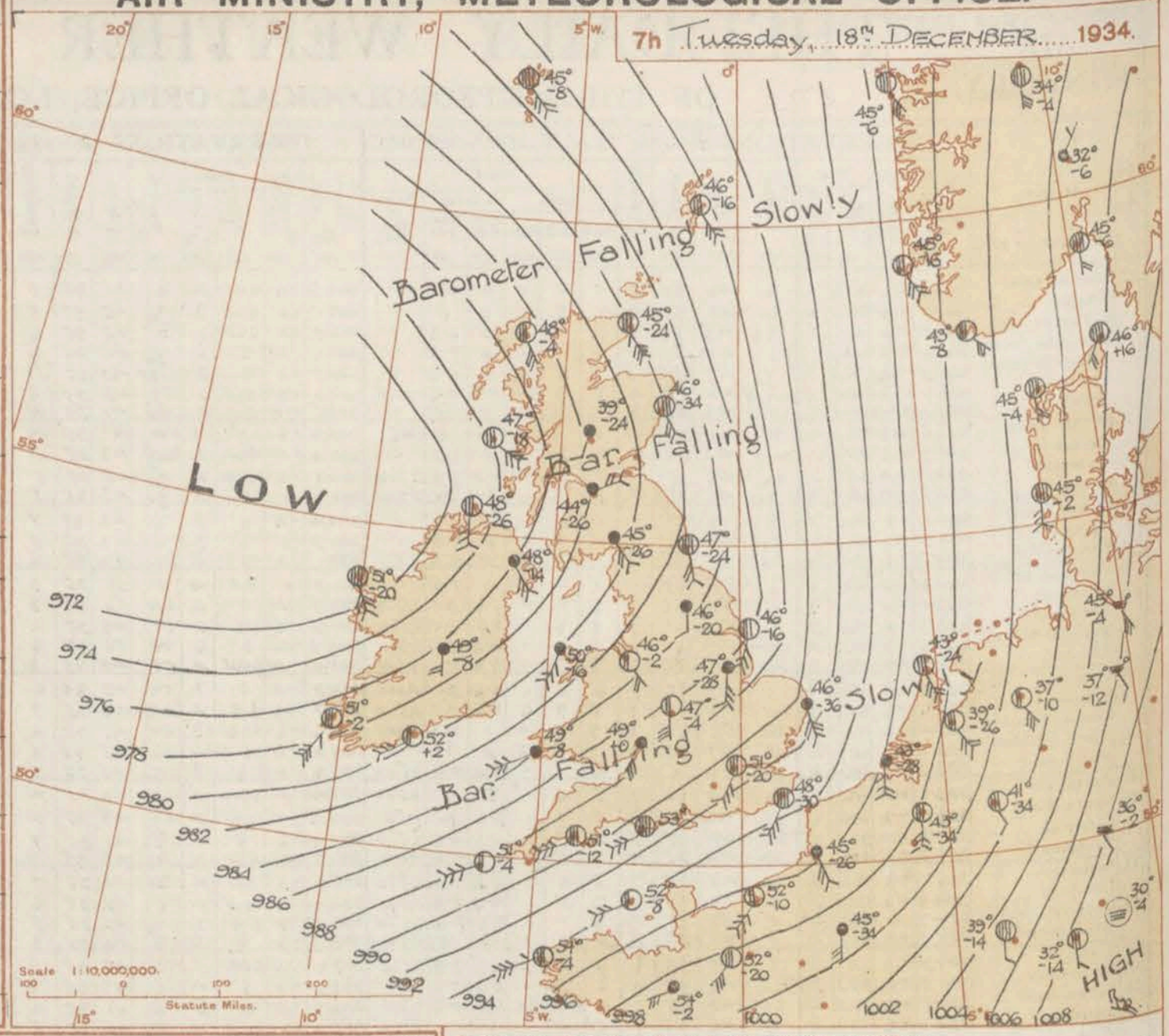
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 17th December 1934

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.	ofcbc	bcm	37	46	0·3	-	2·2
	Bournemouth	b	b	40	49	5	-	5·0
	Ventnor ...	orb	bbc	42	52	4	-	5·8
	Southsea ...	b	bbc	41	48	2	-	5·3
	Bognor Regis	bc	bcc	42	48	3	-	4·4
	Littlehampton	bc	bcc	42	50	1	-	4·4
	Worthing ...	cbcb	bbc	43	50	Trace	-	4·2
	Brighton ...	cb	bc	45	50	-	-	3·9
	Eastbourne†	cbc	bcco	44	50	Trace	-	3·2
	Hastings† ...	cbcb	bbcb	43	50	1	-	3·9
	Folkestone ...	bcb	bbcm	40	50	-	-	4·0
	Dover... ...	fbmb	bm	40	52	Trace	-	4·0
	Deal	fbc	mbcc	39	49	-	-	3·2
	Ramsgate ...	bcm	bcmw	39	47	0·2	Trace	2·5
	Margate ...	cf	cfm	39	46	Trace	-	0·5
2	Southend ...	bf	bfem	40	44	Trace	Trace	0·0
	Maldon ...	mb	bf	36	48	-	-	3·9
	Clacton-on-Sea	ofbcm	bcm	35	47	-	-	5·0
	Dovercourt ...	b	bcm	37	50	-	-	4·7
	Lowestoft ...	dcbc	b	41	47	Trace	-	4·0
	Skegness ...	om	om	41	46	-	-	0·0
	Mablethorpe	o	com	40	46	Trace	-	0·9
	Cleethorpes ...	cfc	cm	42	47	-	-	0·2
3	Leamington S.	b	bbcc	39	48	-	-	4·3
4	Cheltenham†	fwb	bbcqc	36	48	-	-	4·1
5	Bath	b	bbccp	37	49	-	Trace	3·2
	Weymouth ...	b	c	42	53	6	-	4·2
	Jersey ...	rcbc	bcc	44	53	7	-	3·3
	Torquay ...	rbwm	bcco	43	52	11	-	3·4
	Penzance ...	bbc	cbcrr	44	51	13	1	1·2
	St Ives ...	c	p	43	52	9	1	1·3
	Bude	cbc	bccr	41	50	12	0·4	1·6
	Ilfracombe ...	cbc	cbd	43	50	3	0·2	2·0
6	Aberystwyth	prc	c	40	48	0·5	-	0·1
7	Llandudno ...	bc	cr	45	50	1	Trace	2·7
	Colwyn Bay...	bcbbc	bcco	44	50	3	-	3·2
	Rhyl	bcbbc	bcc	38	49	3	-	3·5
8	Wallasey ...	cbc	bcc	47	50	2	-	3·4
	Southport‖ ...	bcpb	bbco	45	49	0·3	0·1	2·4
	Blackpool ...	bc	bcc	43	50	6	-	2·9
	Morecambe ...	cmfbc	cdbcc	41	50	0·3	Trace	1·6
9	Ilkley... ...	c	cbcc	39	48	-	-	1·8
10	Berwick-on-T.	b	bbcb	38	45	-	-	4·8
11	Dunbar ...	bc	bc	41	50	-	-	5·1
12	Troon... ...	cpcb	cbcc	43	49	1	Trace	0·8
	Douglas ...	cbbc	bccbc	41	50	-	-	1·1

† 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. 18th December, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Fresh south to southwest wind, strong on the coast; bright periods; local rain; fog inland at night and in early morning; very mild.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Strong squally southwesterly wind; mainly cloudy; occasional rain or showers; mild.
10. N.E. England 11. S.E. Scotland	As 1 - 4.
12. S.W. Scotland & Isle of Man 13. A. W. Scotld. / B. N.W. Scotland 14. Mid Scotland	Strong squally southerly wind; mainly cloudy; occasional rain or showers; mild.
15. N.E. Scotland 16. Orkneys and Shetlands.	Strong squally south to southeast wind; mainly cloudy; occasional rain or showers; mild.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 5 - 9.

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

GENERAL INFERENCE.

A deep depression centred northwest of Ireland is travelling slowly northeast. Weather will be mainly cloudy and mild generally with occasional rain or showers mainly in the West and North.

FURTHER OUTLOOK.

Bright periods; showers; mild.

Times of issue of Gale Warning.

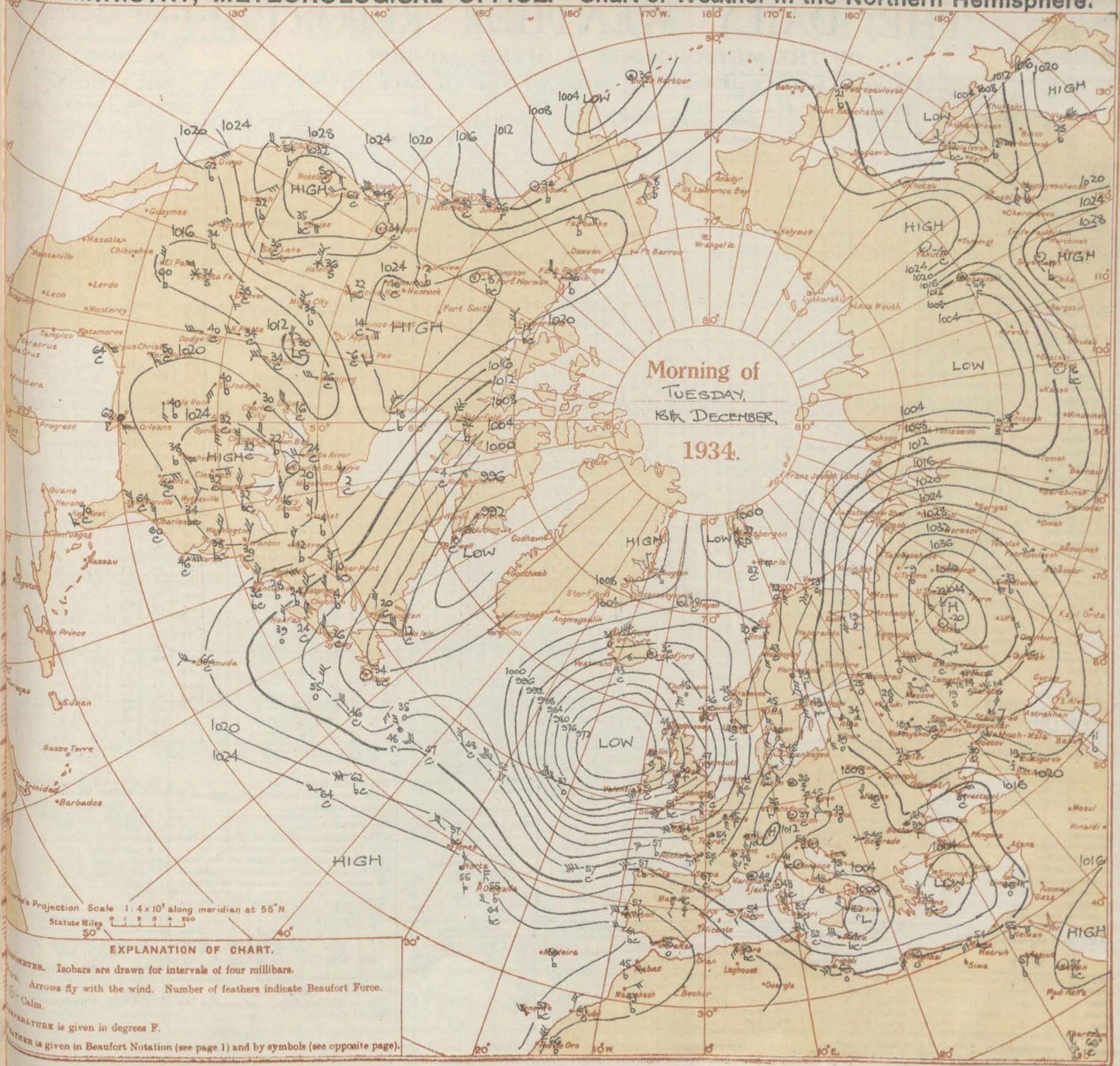
South Cone hoisted at 0405 on 17th in district 17, at 0850 on 17th in dists. 5 (part of) 6, and 20., at 1415 on 17th in dists. 7,8,12,13A, 13B, 18 and 19, at 1905 on 17th in district 16.

Forecasts issued at

G. C. SIMPSON, 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, 18th December 1934.

No. 26689

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

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	997.2	-38	SSW	5	id.	49	85	6	6	2	-	7-8	9+	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	348	1000.1	-30	S	5	c	46	85	8	5	2	-	2-3	10	1500
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	999.6	-26	S	5	c.c.	46	95	6	6	-	-	10	10	1500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	992.5	-	SSW	6	rr	50	95	7	5	-	-	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	990.9	-30	SSW	7	c	53	95	6	8	2	-	9	10	1500
	Scilly (St. Mary's)	163	989.4	-14	W'S	6	c/r	53	95	7	9	7	-	7-8	7-8	1500
	Guernsey	175	995.9	-36	SW'S	6	o/R	51	95	6	5	-	-	10	10	1500
6	Pembroke	142	984.2	-36	SW'S	6	ir	53	95	4	5	-	-	10	10	1500
7	Holyhead	26	992.8	-42	S'E	5	c/r.	49	95	6	5	-	-	10	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	993.7	-44	SSW	5	m	44	95	4	5	-	-	10	10	800
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	989.8	-28	SSE	5	o/r.	45	85	6	6	-	-	10	10	1500
11	Inchkeith	190	987.8	-28	SSE	3	c/r	43	95	7	9	-	-	9+	9+	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	982.5	-14	SSE	4	r.c.	47	75	7	8	7	-	7-8	9	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	987.6	-22	SSE	5	c	45	95	8	8	1	-	7-8	10	1500
16	Lerwick	156	989.9	-20	S	6	c	47	95	7	8	-	-	7-8	7-8	1500
17	Blacksod Point	18	975.4	-40	SE	7	q	52	85	8	9	-	-	10	10	800
18	Malin Head	52	977.2	-20	S'E	4	c	46	95	7	9	-	-	7-8	7-8	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	2	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	978.4	-26	S	6	c/r	51	95	7	3	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 18th 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)	990.1	-20	SSW	3	c	50	95	8	8	8	-	4-6	7-8	1500	1	*
	Croydon	991.3	-20	SW'S	4	c/r	51	95	6	6	3	-	7-8	9+	1500	1	*
	S. Farnborough	990.0	-10	SSW	5	c/r	50	95	7	6	3	-	9	9+	1500	1	*
	Boscombe Down	989.5	-2	SW'S	3	c	49	85	7	5	-	-	9	9	1500	1	*
	Calshot (S'thmtn)	991.3	-4	SW'S	4	bc	52	85	8	8	-	-	4-6	4-6	2500	1	3
	Lympne	993.1	-30	SSW	5	o/r	48	95	6	5	-	-	10	10	220	1	§S
	Manston	993.8	-20	S	5	rr	47	95	6	6	-	-	10	10	800	1	*
2	Shoeburyness	990.9	-24	SSW	2	r.c.	49	95	7	6	1	-	7-8	9	450	1	*
	Felixstowe	991.6	-24	SSW	6	d.d.	47	95	6	6	-	-	10	10	800	1	4
	Gorleston	991.3	-36	S'E	6	rr	46	95	6	6	-	-	10	10	800	1	5
	Cranwell	986.6	-28	S	4	ir.	47	95	7	6	2	-	7-8	9+	1500	1	*
3	Birmingham	986.8	-4	S	3	bc	47	85	8	5	7	-	4-6	4-6	2500	1	*
	Upper Heyford	988.2	-4	SSW	3	bc/r	47	95	6	5	7	-	4-6	4-6	1500	1	*
4	Ross-on-Wye	987.0	0	SSW	3	ir	49	85	7	6	-	-	10	10	2500	1	*
5	Portland Bill	990.0	.	WSW	6	c	53	95	7	5	-	-	10	10	1500	1	5
	Plymouth	989.1	-12	SW'W	6	c	51	85	6	5	-	-	7-8	7-8	2500	1	4
	The Lizard	989.7	0	SW	7	c	52	95	7	8	1	-	7-8	10	2500	1	4
	Scilly (St. Mary's)	987.9	-4	WSW	6	q	51	85	7	8	-	-	2-3	2-3	2500	1	4
	Guernsey	994.3	-8	W'S	5	bc	52	85	6	8	-	-	4-6	4-6	1500	2	4
6	Pembroke	981.8	-8	WSW	6	ir	49	85	6	5	-	-	10	10	1500	1	4
7	Holyhead	979.7	-16	SSW	5	ir	50	95	6	6	2	-	9	10	800	1	3
	Chester (Sealand)	983.3	-2	SE	2	bc	46	85	6	5	-	1	4-6	4-6	2500	1	*
8	L'pool (Bidston)	982.4	0	SW'W	4	bc	48	85	8	5	-	-	2-3	2-3	2500	1	*
	Manchester	983.4	-10	SSW	3	bc	47	95	7	-	4	-	0	2-3	-	1	*
9	Harrogate	983.7	-20	S	1	ir	46	95	6	6	7	-	7-8	10	2500	1	*
10	Spurn Head	985.9	-16	SSW	5	c	46	95	7	3	2	-	4-6	7-8	1500	1	4
	Catterick	982.6	-28	SSE	4	rr	46	95	6	-	2	-	10	10	1500	1	*
	Tynemouth	983.1	-24	S	4	o/r	47	95	7	6	-	-	10	10	1500	1	2
11	Inchkeith	980.3	-26	E	2	c/r	44	95	7	6	2	-	4-6	10	2500	1	1
	Leuchars	980.4	-32	ESE	4	rr	45	95	6	6	-	-	10	10	450	1	*
12	Renfrew (Abbotsl)	978.9	-26	E'N	4	r.c.	44	95	5	6	-	-	10	10	1500	1	*
	Eskdalemuir	979.3	-16	S'E	4	rr	45	95	6	5	2	-	10	10	800	1	*
13A	Tiree	979.7	-18	ESE	6	c	47	95	6	5	2	-	9+	10	2500	1	4
13B	Stornoway	977.7	-4	SSE	3	c	48	85	7	8	7	-	7-8	9+	1500	1	2
15	Dalwhinnie	*	-24	SSW	1	ir.	39	95	6	4	6	-	7-8	10	800	1	*
	Aberdeen	981.6	-34	SSE	4	o/d	46	95	6	6	-	-	10	10	800	1	1
	Wick	981.3	-24	SSE	7	c/pr	45	95	8	9	1	-	7-8	9+	1500	1	4
16	Lerwick	987.3	-16	SSE	5	c	46	85	7	8	1	-	4-6	9	1500	0	*
17	Blacksod Point	971.5	-20	SSE	6	q	51	95	7	9	-	-	10	10	800	1	5
18	Malin Head	972.8	-26	S'E	4	c	48	85	7	9	-	-	9+	9+	1500	2	1
	Aldergrove	976.8	-14	S'E	4	r.c.	48	95	6	6	2	-	7-8	10	800	1	*
	Donaghadee	977.4	-8	SW	2	bc	48	95	7	9	-	-	4-6	4-6	1500	1	1
19	Birr Castle	976.0	-8	S	2	rr	49	95	7	6	-	-	10	10	1500	1	*
20	Valentia Obsy.†	976.6	-2	SW	7	c/pr	51	75	8	6	2	-	7-8	9+	1500	1	5
	Roches Point	980.8	+2	WSW	4	bc	52	85	8	3	-	-	4-6	4-6	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 17th Hrs. (36)
1	London (Kew)	47	45	41	Tr	3	2.4
	Croydon	49	44	42	Tr	6	2.6
	S. Farnborough	49	44	41	-	4	4.3
	Boscombe Down	48	43	42	0.1	4	4.3
	Calshot (S'thmtn)	52	48	47	Tr	6	5.4
	Lympne	44	43	30	Tr	5	1.3
	Manston	46	39	35	0.1	2	1.9
2	Shoeburyness	44	36	31	-	5	0.0
	Felixstowe	46	43	39	-	3	2.7
	Gorleston	48	40	38	-	2	2.5
	Cranwell	47	38	35	-	1	1.2
3	Birmingham	48	43	42	-	2	4.4
	Upper Heyford	49	43	39	-	7	*
4	Ross-on-Wye	49	45	43	-	3	3.5
5	Portland Bill	52	50	*	-	6	*
	Plymouth	53	47	46	0.4	7	3.2
	The Lizard	51	48	*	3	8	*
	Scilly (St. Mary's)	51	48	*	4	4	1.0
	Guernsey	52	48	46	0.5	12	3.9
6	Pembroke	51	45	*	0.2	8	1.2
7	Holyhead	49	46	45	Tr	9	1.9
	Chester (Sealand)	52	45	38	Tr	1	3.4
8	L'pool (Bidston)	47	44	43	0.2	2	3.3
	Manchester	47	44	41	1	3	0.1
9	Harrogate	47	41	36	-	3	2.1
10	Spurn Head	47	42	*	-	2	0.0
	Catterick	49	38	34	-	3	1.6
	Tynemouth	47	43	36	-	1	*
11	Inchkeith	49	41	31	-	6	4.3
	Leuchars	47	36	27	-	5	1.3
12	Renfrew (Abbotsl)	50	41	40	0.1	9	0.8
	Eskdalemuir	43	39	39	-	13	0.0
13A	Tiree	49	44	42	1	7	1.8
13B	Stornoway	48	45	*	-	1	1.5
15	Dalwhinnie	43	38	36	-	5	0.0
	Aberdeen	46	42	38	-	3	3.3
	Wick	47	42	*	-	0.4	*
16	Lerwick	47	46	*	0.2	-	0.0
17	Blacksod Point	54	48	*	0.5	9	*
18	Malin Head	47	42	*	0.5	2	1.3
	Aldergrove	44	43	42	0.4	6	0.5
	Donaghadee	47	42	*	0.3	11	*
19	Birr Castle	47	44	43	1	3	0.0
20	Valentia Obsy.†	54	50	46	11	4	0.0
	Roches Point	51	50	*	6	2	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	ofbcf	bccmm.	cogror	47	45	41	Tr	3	2.4	*	*	6
Croydon	217	sfebcbm	bbcmcm	cmdrDd	49	44	42	Tr	6	1.6	*	*	6
Greenwich (Royal Observatory)	149	cfe.	bfec	cirbc	45	45	39	-	2	0.0	91	85	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.1	*	*	*
Westminster (St. James' Park)	27	*	*	*	49	49	39	3		0.0	84	81	*
Regents Pk. (Botanic Gardens) ‡	168	*	*	*	51	46	41	-	3	0.6	84	86	*
Camden Square	110	c	cbc	*	46	46	44	-	3	*	*	87	*
Kensington	80	cofbcf	bc	*	47	46	40	-	3	0.5	At 18h 86	83	*
Hampstead Observatory	450	c	bc	omr	46	44	38	-	4	1.8	*	95	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
Not available.			

Kew Observatory. Max.	Time.	Min.	Time.
0.6	11h 17m	<0.1	0h-6h 18th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 17th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 18th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1006.6	-	0	fo	41	998.7	S	3	ir	45
Brussels	1005.4	SSW	2	0	43	998.7	S	5	c	43
Berlin	1005.3	-	0	fo	45	1008.8	-	0	F	36
Zürich	1010.0	ESE	1	0	41	1012.2	ESE	2	F	36
Rome	997.1	E	1	bc	52	1005.1	NNE	1	b	43

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall Day. mm.	Rainfall Night. mm.
48	41	-	1
48	37	-	0.1
46	34	0.6	0.3
46	34	-	Tr
x	x	0.1	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 ,,
2 Fog	550 ,,
3 Moderate fog	1,100 ,,
4 Mist or haze	1/2 miles.
5 Poor visibility	2 1/2 ,,
6 Moderate ,,	6 1/2 ,,
7 Good ,,	12 1/2 ,,
8 Very good ,,	31 ,,
9 Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† Hn observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 19th December 1934.

No. 26620

District.	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 18th December: 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)	989.7	- 8	SW'S	5	c	53	85	6	1	3	6	4-6	7-8	2500
	Croydon	990.9	-2	SSW	4	c/pr	53	85	6	8	3	2	4-6	9+	2500
	S. Farnborough	990.0	-6	SW	4	c	53	75	6	9	-	6	4-6	7-8	1500
	Boscombe Down	989.3	-4	SWW	4	c/r	50	85	6	8	-	-	7-8	7-8	2500
	Calshot, S'thmtn	990.7	-6	SW'S	5	pr	53	85	6	9	8	8	4-6	7-8	1500
	Lympne	992.4	-6	SW'S	5	PR	50	95	5	9	-	-	9+	9+	450
	Manston	992.0	-4	SW	4	c	52	85	7	6	-	-	4-6	4-6	800
2	Shoeburyness	990.7	-4	SW'S	3	bc	52	85	7	4	7	-	2-3	4-6	1600
	Felixstowe	990.7	-2	SW'S	4	bc	51	86	7	5	3	-	2-3	4-6	2600
	Gorleston	989.4	-4	SSW	4	bc	52	85	6	-	-	8	0	2-3	-
	Cranwell	986.3	-4	SSW	4	c	51	76	7	8	3	9	4-6	7-8	2500
3	Birmingham	986.2	-4	SSW	4	c/pr	50	85	5	6	-	9	4-6	7-8	1500
	Upper Heyford	988.4	0	SW	4	c	51	75	7	5	7	9	7-8	9	1500
4	Ross-on-Wye	986.4	-4	SSW	4	c	52	75	7	9	-	1	7-8	9	2500
5	Portland Bill	989.4	?	SW	6	c	54	95	7	4	-	-	7-8	7-8	2500
	Plymouth	988.5	-14	SW	7	c	53	85	7	6	1	-	4-6	9	1500
	The Lizard	988.1	-8	SSW	7	pr	51	95	6	9	2	-	9	10	1500
	Scilly (St. Mary's)	985.3	-24	SWW	7	r	51	85	6	9	7	-	9	10	800
	Guernsey	993.1	-10	WSW	6	bc	54	85	6	8	7	-	4-6	4-6	2500
6	Pembroke	981.2	-16	SW	7	q	52	75	6	8	7	-	4-6	9	4000
7	Holyhead	979.6	-2	SSW	5	bc	52	75	6	2	-	1	2-3	4-6	2500
	Chester (Sealand)	983.1	-2	SW	4	c/r	52	65	6	5	2	-	7-8	10	2500
8	L'pool (Bidston)	982.5	+2	W'S	4	c	51	75	7	5	2	-	4-6	9	2500
	Manchester	982.9	-2	SW'S	4	3c	49	85	6	8	7	-	7-8	9+	2500
9	Harrogate	982.8	-6	SSW	3	ir	48	85	6	6	7	-	7-8	9+	2500
10	Spurn Head	985.3	-2	SW	5	bc	50	95	7	5	7	2	2-3	4-6	1500
	Catterick	981.5	-8	SSW	4	pr$_o$	49	85	6	8	7	-	4-6	7-8	1500
	Tynemouth	980.5	-4	S	4	c	50	85	6	6	-	-	7-8	7-8	1500
11	Inchkeith	978.1	-10	S	3	rr	49	95	6	6	1	-	4-6	9+	1500
	Leuchars	977.7	-8	SE	3	c	47	85	7	5	7	-	7-8	9+	1500
12	Renfrew (Abbotsl)	977.3	-8	SE	2	c/r	48	86	5	5	7	-	7-8	9+	1500
	Eskdalemuir	977.7	-10	SSW	4	rr	46	95	6	6	2	-	9+	10	220
13A	Tiree	973.0	-12	SE'E	4	c/r	49	95	6	6	2	-	9+	10	800
13B	Stornoway	975.6	-10	SE	2	pr$_o$	47	95	7	8	6	-	4-6	10	1500
15	Dalwhinnie	977.6	-20	S	2	ir$_o$	42	95	7	3	7	-	4-6	10	800
	Aberdeen	976.2	-12	S'E	3	o/r	48	95	5	6	-	-	10	10	800
	Wick	977.3	-14	SSE	6	r$_o$r$_o$	47	95	7	6	2	-	7-8	10	1500
16	Lerwick	983.9	-20	SE	6	r$_o$r$_o$	45	95	6	6	-	-	10	10	450
17	Blacksod Point	971.5	-4	S	5	c	50	95	7	9	-	-	10	10	450
18	Malin Head	972.2	0	S	4	c/pr	49	96	7	8	-	-	9+	9+	800
	Aldergrove	976.1	+2	S'W	4	c/r	49	85	7	5	2	-	7-8	10	800
	Donaghadee	976.4	-2	SSW	3	ir$_o$	49	95	7	6	-	-	9	9	1500
19	Birr Castle	974.9	-8	S	3	c	49	86	8	6	2	-	7-8	10	2500
20	Valentia Obsy.	974.7	-2	SW	5	c	51	95	7	6	-	3	4-6	9	1500
	Roches Point	977.9	-22	SW	4	ir	50	95	6	6	-	-	10	10	800

District.	Stations. (For heights see p. 4.)	OBSERVATIONS at 18h. G.M.T. 18th December: 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)	989.2	-6	SSW	4	bc	49	85	7	5	3	-	1	2-3	1500	1	*
	Croydon	990.7	-6	S	4	bc/pr	49	85	6	8	-	-	2-3	2-3	1500	1	*
	S. Farnborough	988.6	-10	S'W	4	ir$_o$	49	85	6	5	-	-	9+	9+	1500	1	*
	Boscombe Down	986.6	-18	S'W	5	c/pr	48	96	7	8	-	-	7-8	7-8	1500	1	
	Calshot, S'thmtn	988.9	-12	S	6	pr	50	85	7	9	3	8	4-6	7-8	1500	1	3
	Lympne	992.7	0	SSW	5	pr	49	85	6	8	3	-	7-8	7-8	1500	1	*4
	Manston	992.2	+2	SW	4	ir	49	95	7	6	7	-	4-6	7-8	1500	1	*
2	Shoeburyness	991.0	0	SSW	3	bc	49	95	7	-	-	8	0	4-6	-	1	*
	Felixstowe	991.3	+4	SSW	5	bc	49	85	7	-	-	6	0	4-6	-	1	3
	Gorleston	990.1	+4	S	4	bc	48	95	7	-	2	-	0	4-6	-	1	3
	Cranwell	986.7	0	SE'S	3	bc	46	96	6	-	-	1	0	2-3	-	1	*
3	Birmingham	984.4	-16	SSE	4	c	47	85	8	5	1	-	7-8	9+	1500	1	*
	Upper Heyford	986.1	-18	S	3	3$_o$	48	85	6	5	7	-	2-3	4-6	2600	1	*
4	Ross-on-Wye	983.7	-20	S'E	4	ido	48	85	7	5	-	-	10	10	2500	1	*
5	Portland Bill	987.3	?	SW	7	ir	51	95	7	5	-	-	10	10	1500	1	6
	Plymouth	986.3	0	WSW	6	c	51	96	6	5	-	-	9+	9+	1500	1	5
	The Lizard	987.4	+16	SWW	7	pr	51	95	7	8	-	-	7-8	7-8	1500	1	5
	Scilly (St. Mary's)	985.8	+2	W'S	7	q	51	85	7	8	7	-	4-6	9+	2500	1	5
	Guernsey	991.3	-8	WSW	6	ir	50	96	6	6	-	-	10	10	1500	2	4
6	Pembroke	979.2	-8	WSW	8	q	52	85	6	5	-	-	10	10	2600	1	4
7	Holyhead	977.3	-14	S'E	4	id	48	96	6	5	2	-	9+	10	1500	1	2
	Chester (Sealand)	981.8	-12	S'E	4	c/r	49	75	6	5	-	-	9+	9+	4000	1	*
8	L'pool (Bidston)	981.2	-6	S'W	4	pc	48	76	8	6	3	-	7-8	10	1500	1	*
	Manchester	982.3	-6	S'E	3	ir	48	75	5	5	3	-	7-8	10	2500	1	*
9	Harrogate	983.7	0	S	3	b	46	85	5	5	-	-	1	1	4000	1	*
10	Spurn Head	986.2	0	SW	3	bc	47	95	7	-	2	-	0	4-6	-	0	2
	Catterick	982.6	-2	S'E	4	3$_o$	44	95	6	-	3	8	0	4-6	-	1	*
	Tynemouth	981.7	+18	WSW	2	bc	49	85	6	4	-	-	4-6	4-6	4000	1	1
11	Inchkeith	978.9	+8	SW	2	c	49	96	7	5	7	-	4-6	9	2500	1	1
	Leuchars	978.7	+10	S	3	c	47	95	6	5	2	-	7-8	9+	800	1	*
12	Renfrew (Abbotsl)	977.9	+8	SE'S	3	3$_o$	48	85	6	5	3	-	2-3	7-8	2500	1	*
	Eskdalemuir	979.7	+2	S	3	bc	44	95	6	5	-	-	4-6	4-6	450	1	*
13A	Tiree	979.9	+12	SE'S	4	c/r	47	95	6	6	-	-	10	10	800	1	3
13B	Stornoway	979.2	0	SE	2	c	47	96	6	8	2	-	4-6	10	1500	1	*
15	Dalwhinnie	976.9	+4	S	3	ir$_o$	44	95	6	5	6	-	2-3	10	800	1	
	Aberdeen	979.0	+2	SSE	3	ido	48	95	6	6	-	-	9+	9+	800	1	3
	Wick	977.0	-2	S	4	c/pr	47	96	7	8	1	-	7-8	9+	1500	1	3
16	Lerwick	982.0	-10	SE	6	r$_o$r$_o$	47	95	6	6	-	-	10	10	450	1	
17	Blacksod Point	971.2	0	SSE	4	dd	50	96	7	6	-	-	10	10	450	1	4
18	Malin Head	972.6	+8	S	2	c	47	85	7	8	-	-	9+	9+	800	2	2
	Aldergrove	976.1	-2	SSE	3	c	48	85	7	5	3	-	1	7-8	1500	1	
	Donaghadee	976.2	-2	S'W	2	c	49	85	7	5	-	-	7-8	7-8	1500	1	1
19	Birr Castle	974.5	+4	S	2	ir	48	96	7	6	2	-	7-8	10	1500	1	*
20	Valentia Obsy.	976.9	+18	SWW	6	c/pr	51	85	7	6	-	-	9+	9+	1500	1	6
	Roches Point	978.9	+14	WSW	4	bc	50	85	8	8	-	1	4-6	4-6	1500	1	5

Past 24 hours. Weather. 7h.–13h. 18th (37)	13h.–18h. 18th (38)	18h. 18th to 1h. 19th (39)	1h.–7h. 19th (40)
bcc3$_o$	c pr bc	s c c r w c	c bs
c b c c p r$_o$	c p$_o$ b c p r$_o$	p r w q w	R R r r r$_o$
b c i p r$_o$	p r b c	p r q R b c	c r$_o$ b c
c i r$_o$ m$_o$	c b c i r q	c p r b c	b c
b c c P R	c q P R b c	c q p r	c R R p b c
b c c d b c P R	P R q b c p r	c P R q i r$_o$	c r$_o$ R r$_o$ P R$_o$
c p r$_o$ b c	b c c i r	c r r c p r c p r	c p r
c r$_o$ b b c	b c	b c i r	b c i r
o r$_o$ r$_o$ m$_o$ b	b c p$_o$ b c	b c c r r c	c c r$_o$ r$_o$
o r b c q	b c q	b c o r q	o r b c c
c i r$_o$ c	b c c m$_o$	b c p r$_o$	c b b c
c p r$_o$	b c	c i r$_o$	c
c b c c	c b c j p	b c c r$_o$	c r$_o$
R c R b c c	c b c c	c b c i r$_o$	o i r
c	o i r	o i r	a i r c
c r$_o$ m$_o$	c r r m$_o$ o	c r r m$_o$	c i r w c
c p r c	c p r q	c p r q o	c p r a
c p r q	i r p c q	c p i r	c i r p r$_o$
c P R	b c c o r	c p r	c p r q
c q m$_o$	c q m$_o$ i R c	c q p r c	c q r$_o$ c
c i r$_o$	b c p$_o$	r$_o$ c m$_o$	r$_o$ r$_o$ o
c i r$_o$ m$_o$	b c$_3$ i r$_o$	R R r i	r$_o$ c m$_o$
b c i r c	c p$_o$	c r c	c b r c b
b c o r$_o$	c b c m$_o$	c r o r$_o$	c p r$_o$
c b c i r	c b	b b c c r r	c b
c b c	b c	c b c	b c
o b c d p$_o$	c m$_o$	b o r r w o	c p r$_o$ b c w$_o$
o i r c	c b c	b c o i r$_o$	o i r$_o$ b c
c$_3$ o i r	r r c i d$_o$	b c c	c r r i r
r r r r c	r$_o$ r$_o$ r c m$_o$	c w o	c w o w o
r$_o$ r$_o$ m$_o$	r$_o$ r$_o$ c b c	b c w o	c w o r
r$_o$ r$_o$ r r	c r r b c	b o o	c r$_o$
c i r	c i R	c b R	b r c
c p r$_o$	c p r$_o$	c i r c	o
i r c	i r c	*	i r c
o d o i r	o b s m c d	c w o b c	c w o b r
c r o r	r$_o$ p r$_o$	c p r$_o$ c	c p r
c i r c o r r m$_o$	o r$_o$ b$_o$ m$_o$	o r$_o$ i r$_o$ w$_o$	o r$_o$ i r$_o$ c i r
p R C q	p r$_o$	d r	r r
c p r$_o$	c	c	c
c i r$_o$	c b c	k o	b c c r$_o$ r$_o$
c i r$_o$	c i r c	c i r$_o$ e	c b c
o r r c	c i r	c i r	c i r
p w i r c	c p r c	c p r$_o$	c q b r c
b c o i r	o i r b c	b c o i r w	c p r$_o$ c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

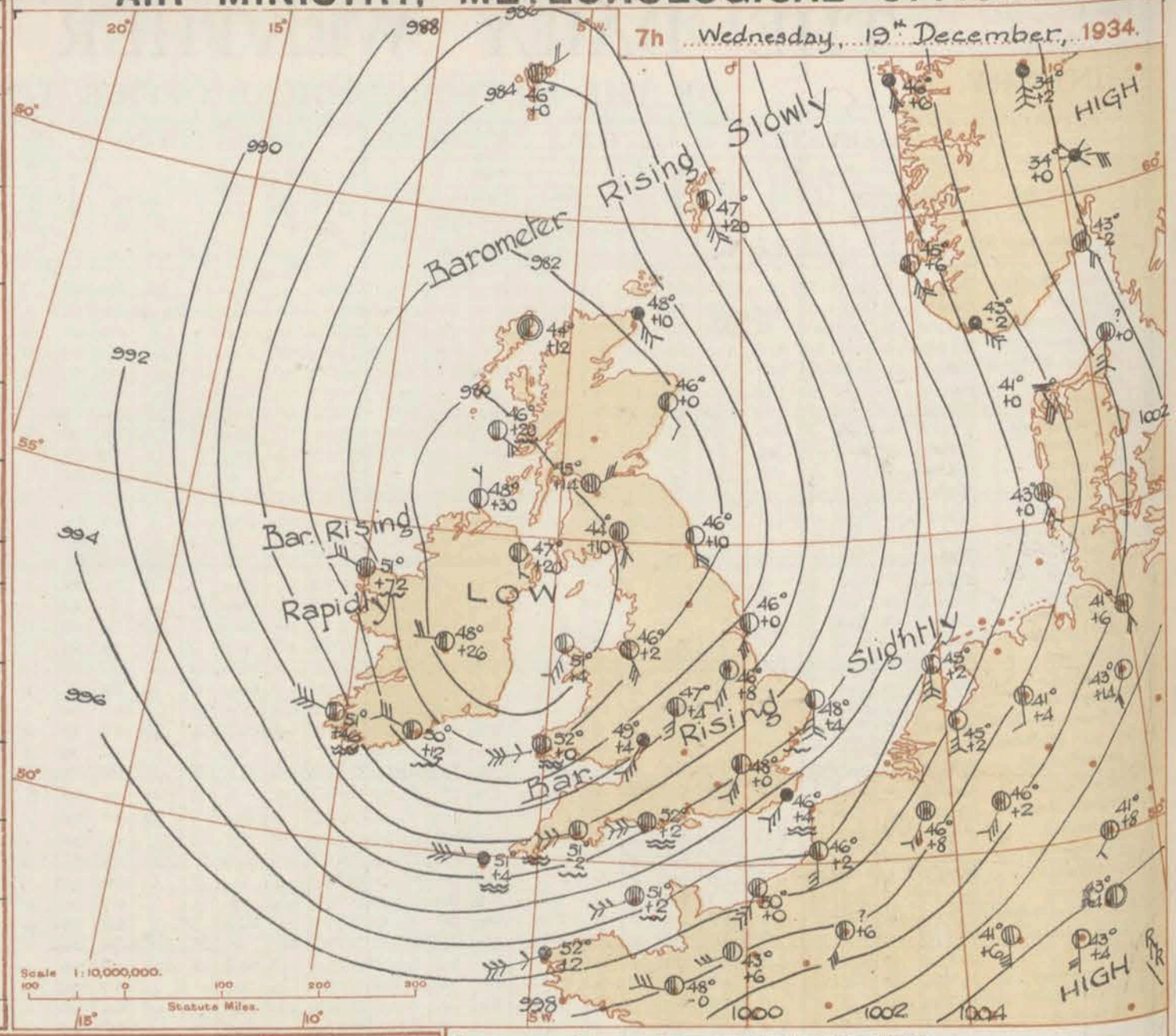
REPORTS from HEALTH RESORTS for 18th December 1934

Districts	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	corac	bco	39	52	7	0.5	0.5
	Bournemouth	bcc	cr	40	54	7	2	1.0
	Ventnor ...	ropu	coou	42	53	9	1	0.5
	Southsea ...	cpbc	bcb	42	54	8	02	0.4
	Bognor Regis	rbcbc	bccor	42	53	7	4	0.7
	Littlehampton	bcPc	cbc	42	54	8	3	0.5
	Worthing ...	crc	cbc	44	53	9	2	0.7
	Brighton ...	crc	cb	41	54	11	3	0.2
	Eastbourne†	copo	ohpaipc	47	54	9	3	0.0
	Hastings† ...	bcopo	oro	46	53	5	2	0.1
	Folkestone ...	rbco	oir	43	53	4	8	0.4
	Dover... ...	bcro	rocp	43	54	3	11	1.2
	Deal	ircc	rRo	40	53	5	1	1.3
	Ramsgate ...	bcbbc	bc	41	53	3	-	2.3
	Margate ...	bc	cbc	42	54	3	-	2.0
2	Southend ...	b	bbcc	40	53	4	-	3.2
	Maldon ...	rcbc	cpc	37	53	5	0.3	0.7
	Clacton-on-Sea	crcbc	bcc	36	51	6	-	2.3
	Dovercourt ...	rocbr	bc	38	53	3	-	3.1
	Lowestoft ...	proc	c	40	52	3	-	2.9
	Skegness ...	bbc	bc	42	51	3	-	2.0
	Mablethorpe	bc	bc	38	52	-	-	3.7
	Cleethorpes ...	crbc	bbc	38	52	1	-	3.6
3	Leamington S.	co	oco	44	53	4	-	0.1
4	Cheltenham†	c	cbc	45	51	5	-	0.6
5	Bath	cbc	bcpc	39	54	6	0.3	0.4
	Weymouth ...	c	cpcp	46	55	8	0.6	0.1
	Jersey ...	rcbcr	cr	48	55	4	9	1.6
	Torquay ...	rbc	corq	43	56	7	2	0.8
	Penzance ...	cbc	crrc	46	55	7	4	0.5
	St. Ives ...	p	p	46	54	15	4	1.1
	Bude	cpc	cmr	48	54	5	3	1.1
	Ilfracombe ...	c	cor	48	53	7	3	0.3
6	Aberystwyth	rrc	cpr	46	52	6	1	0.0
7	Llandudno ...	crc	cpc	46	53	7	1	0.0
	Colwyn Bay...	rcrcc	cpbcc	45	52	11	1	0.0
	Rhyl	cdc	cbcc	40	53	5	1	0.0
8	Wallasey ...	cbc	bcc	45	52	3	-	0.0
	Southport‖ ...	ro	ocopco	44	50	6	4	0.0
	Blackpool ...	or	c	44	50	7	1	0.0
	Morecambe ...	crorr	rc	40	49	8	5	0.0
9	Ilkley... ...	ocgoc	cpc	41	49	4	1	0.0
10	Berwick-on-T.	obcc	oco	39	49	9	0.5	0.6
11	Dunbar ...	crrc	cr. bc	41	50	6	0.3	1.0
12	Troon... ...	rcroc	cr.c	43	50	10	3	0.0
	Douglas ...	omir	cb	43	51	23	2	0.1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Wednesday, 19th December, 1934.



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. 19th December, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Fresh south to southwest wind; mainly cloudy, bright intervals; occasional rain or showers; very mild.
5. S.W. England ▼ 6. South Wales ▼	Strong to a gale squally southwest to west wind, moderating: mainly cloudy; occasional rain or showers; mild.
7. North Wales ▼ 8. N.W. England 9. N. Midlands 10. N.E. England	Moderate southerly wind, veering; mainly cloudy; occasional rain or showers; mild.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. { A. W. Scotld. B. N.W. Scotland	Light to moderate variable wind, becoming westerly; mainly cloudy; occasional rain or showers; mild.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Light to moderate south to southeast wind, becoming variable; mainly cloudy; occasional rain or showers; mild.
17. N.W. Ireland 18. N.E. Ireland	Moderate northwest wind, backing to southwest tomorrow; mainly cloudy; occasional rain or showers; mild.
19. S.E. Ireland ▼ 20. S.W. Ireland	Fresh to strong westerly wind, backing later and decreasing; mainly cloudy; occasional rain or showers; mild.

GENERAL INFERENCE.

A depression centred over Northeast Ireland is moving slowly eastwards and filling up while other shallower systems are travelling eastwards over the Northern Atlantic. In all districts weather will be mainly cloudy and mild with occasional rain or showers.

FURTHER OUTLOOK.

Mainly cloudy; occasional rain; mild.

Times of issue of Gale Warnings.

▼ South Cone hoisted at 1910 on 13th in districts 5 (part of), 6 and 19, and at 1415 on 17th in district 7 (part of).

Forecasts issued at 1000 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

H.M. Stationery Office Press Kingsway WC2

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, 19th December 1934.

No. 26690

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

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	989·4	+2	S'W	4	id.	49	85	7	5	7	6	4-6	7-8	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	991·5	0	SW'S	5	c/r	48	95	6	8	-	-	10	10	1500
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	989·1	0	S	5	iv	47	95	6	6	-	-	10	10	800
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	988·3		W	6	iv	50	95	7	5	-	-	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	989·5	+6	W'S	7	r	48	95	7	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	987·7	+8	W	7	iv	49	95	6	9	-	6	7-8	9+	1500
	Guernsey	175	992·6	+4	W'S	6	c/pr	51	85	7	8	-	-	9	9	1500
6	Pembroke	142	980·8	+6	W'S	7	c-q	51	95	7	8	-	-	10	10	4000
7	Holyhead	26	978·1	+10	SW	4	c	50	95	7	5	3	-	7-8	9	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	983·7	0	SW'S	5	c	46	95	7	4	7	-	4-6	7-8	2500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	980·3	-8	S	3	iv.	47	95	7	6	-	-	10	10	1500
11	Inchkeith	190	979·8	0	SE	1	c	45	95	6	5	-	-	9+	9+	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	977·5	+18	S	3	c	47	95	7	8	7	-	7-8	9	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	979·3	+12	S	4	c	47	95	7	5	3	-	4-6	7-8	2500
16	Lerwick	156	983·3	+6	S'E	6	r-r.	47	95	6	6	-	-	10	10	450
17	Blacksod Point	18	972·9	+8	NW	3	Dr	49	95	7	6	-	-	10	10	450
18	Malin Head	52	973·8	+6	S	1	c	46	95	7	8	-	-	9	9	1500
	Aldergrove	268	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	979·2	+10	WSW	6	c/pr	50	95	7	9	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
989·1	+8	SSW	4	c	49	85	7	8	-	-	9	9	1500	1	*
989·9	0	S'W	4	c/pr	48	95	6	9	2	-	7-8	7-8	1500	2	*
988·7	0	SSW	3	c	48	95	7	5	3	-	4-6	7-8	1500	1	*
988·1	+2	SSW	4	bc	47	95	7	8	-	1	4-6	4-6	2500	1	*
989·0	-2	SSW	6	bc	50	95	7	8	7	-	2-3	4-6	2500	1	3
992·1	+4	SW	4	r	46	95	7	8	-	-	10	10	1500	1	§ 6
991·2	-2	SW	5	pr	49	96	7	6	8	-1	7-8	7-8	1500	1	*
990·2	0	SSW	3	c	47	95	7	5	1	-	2-3	7-8	4000	1	*
990·3	+4	SSW	5	r.r.	48	95	7	6	7	-	7-8	9	1500	1	4
988·9	+4	S	5	c	48	95	7	5	-	-	7-8	7-8	2500	1	3
985·3	+8	S'W	4	c	46	95	8	6	3	-	7-8	9	4000	1	*
985·3	+4	S	3	c	47	95	8	5	7	-	7-8	10	1500	1	*
987·0	+6	S	4	ir.	46	95	6	6	-	-	10	10	800	1	*
985·2	+4	SW	4	id.	49	95	6	6	-	-	9+	9+	2500	1	*
988·0	+2	WSW	6	c	52	85	7	5	-	-	10	10	1500	1	5
988·1	-2	WSW	6	c	51	95	7	5	2	-	7-8	9+	1500	1	4
989·0	+2	W'S	7	q	50	95	7	9	-	-	9+	9+	1500	1	5
988·6	+4	W	7	pr.	51	95	6	5	-	-	9+	9+	1500	1	5
992·3	+2	W'S	5	q	51	85	7	5	-	-	10	10	1500	1	4
981·8	0	WSW	8	q	52	85	6	8	-	-	10	10	2500	1	5
979·2	+4	SW'S	4	c	51	95	7	5	3	-	4-6	5	2500	1	2
981·3	+2	SSE	3	c	46	95	6	5	-	-	9	9	2500	1	*
981·7	+2	S'W	4	b	46	95	7	5	-	-	1	1	4000	1	*
982·4	+3	S'W	3	c/pr	47	95	7	5	7	-	4-6	8	2500	1	*
983·3	+6	S	1	bc	46	95	7	5	8	-	1	2-3	4000	1	*
983·9	0	SSW	3	c	46	95	7	5	7	-	4-6	7-8	1500	0	2
982·2	+8	SSE	4	bc	45	95	6	8	3	-	4-6	4-6	1500	1	*
981·6	+10	S	2	bc	46	95	7	9	-	-	4-6	4-6	1500	1	1
980·1	+8	E	3	iv.	48	95	7	9	-	-	9+	9+	1500	1	2
980·9	+8	NE	1	c	45	95	6	5	-	-	7-8	7-8	1500	1	*
980·4	+14	E'N	3	o	45	95	6	5	-	-	10	10	1500	1	*
980·0	+10	S'E	2	o	44	95	6	5	-	-	10	10	1500	1	*
979·7	+20	E'S	2	c	46	95	6	5	7	-	7-8	9+	2500	1	4
981·0	+12	-	0	c	44	85	7	8	7	-	7-8	9+	1500	1	0
981·4	+2	SW	2	c	42	85	7	4	2	-	2-3	7-8	1500	1	*
981·7	0	SE'S	1	3c	46	95	6	8	2	-	7-8	10	1500	1	2
983·0	+10	SE	4	rr	48	95	7	8	1	-	4-6	7-8	1500	1	3
987·3	+26	S'E	5	c	47	95	6	9	2	-	7-8	9+	800	1	*
983·0	+72	WNW	4	o	51	85	7	5	-	-	10	10	480	1	4
978·6	+30	N	1	c	48	95	7	8	-	-	9+	9+	1500	1	2
978·8	+20	S'E	1	c	47	95	7	5	7	-	7-8	7-8	1500	1	*
978·0	+6	WSW	1	bc	47	95	7	5	3	-	4-6	4-6	1500	1	0
978·8	+26	W	2	c/r	48	95	7	6	2	-	7-8	10	1500	1	*
987·3	+46	NWN	6	c/pr	51	85	8	9	3	-	7-8	9+	1500	1	5
983·3	+12	WNW	4	c/pr	50	95	7	6	-	-	9	9	1500	1	4

PAST 24 HOURS.

State of Ground. 0-9	Sea. 0-9	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 18th Hrs. (36)
1	*	53	46	45	0.2	2	0.8
2	*	53	47	45	0.3	9	0.1
1	*	53	46	43	2	4	0.8
1	*	52	44	42	1	1	0.5
1	3	54	48	47	3	7	0.1
1	§ 6	52	45	43	7	10	0.5
1	*	54	47	44	2	1	2.0
1	*	54	45	44	0.2	1	2.6
1	*	52	47	45	0.6	1	2.9
1	4	53	46	44	2	1	2.7
1	3	52	43	38	T.	0.1	3.2
1	*	51	46	45	0.1	0.3	0.1
1	*	52	45	43	T.	10	*
1	*	52	47	45	5	7	0.3
1	5	55	49	*	1	5	*
1	4	53	47	46	3	7	0.1
1	5	52	48	*	2	2	*
1	5	52	48	*	2	1	0.6
1	4	54	49	45	10	1	1.5
1	5	53	47	*	4	1	0.0
1	2	52	48	48	1	2	0.0
*	*	53	44	39	0.3	3	0.0
*	*	51	45	43	0.4	1	0.0
*	*	51	47	41	0.2	2	0.0
1	*	49	44	39	0.1	4	0.1
1	2	51	46	*	-	-	3.5
*	*	50	43	39	0.2	1	0.2
1	*	50	46	41	1	0.5	*
1	2½	50	43	38	3	1	0.6
*	*	50	42	30	4	-	0.7
*	*	50	43	40	3	1	0.0
1	*	47	40	37	9	2	0.0
1	4	49	46	44	4	2	0.0
1	0	47	44	*	0.2	2	0.0
1	*	44	40	38	2	0.6	0.0
1	2	48	48	41	1	1	*
1	3	48	46	*	0.6	0.2	0.0
1	*	48	45	*	1	3	*
1	4	52	48	*	2	7	0.0
1	2	50	45	*	T.	-	*
*	*	50	44	41	2	1	0.1
*	*	50	46	43	2	8	1.0
1	5	52	49	46	3	2	0.1
*	*	52	49	*	2	1	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	bccg.	cprbc	bcrrcpc	53	48	45	0.2	2	0.8	*	*	7
Croydon	217	cbccpro	cpcbcpr	prrrRr	53	47	45	0.3	9	0.1	*	*	6
Greenwich (Royal Observatory)	149	bc	crb	crRcrc	54	47	43	1	6	0.7	90	92	5
City (Bunhill Row)	—	*	*	*	*	*	*			0.1	*	*	*
Westminster (St. James' Park)	27	*	*	*	54	49	43	2		0.4	83	90	*
Regents Pk. (Botanic Gardens) †	168	*	*	*	54	48	45	Tr	3	0.0	80	89	*
Camden Square	110	cb	bccpbc	*	54	48	43	Tr	1	*	*	87	*
Kensington	80	bcp	bcp	*	54	48	42	0.1	2	1.0	At 18h. 72	89	*
Hampstead Observatory	460	cop	or	or	53	45	39	-	2	0.6	72	95	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
Not available			

Kew Observatory. Max.	Time.	Min.	Time.
0.2	15h 18h	0.1	2h-6h 19th

FOREIGN OBSERVATIONS.

18h. G.M.T. 18th December

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	998·5	SSW	4	3.	52
Brussels	996·4	SSW	3	bc	40
Berlin	1004·0	SSE	4	3.	43
Zürich	1007·8	SSE	2	iv	39
Rome	1006·7	NNW	1	bc	50

7h. G.M.T. 19th December

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
999·4	SSW	3	c	
997·9	SSW	4	c	46
1002·8	SSE	2	cf	41
1003·0	SSE	1	c	41
1004·1	E	2	c	45

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
54	46	5	Tr
48	45	12	Tr
43	39	-	0.2
41	39	3	5
*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† The observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 20th December 1934.

No. 26691

OBSERVATIONS at 13h. G.M.T. 19th 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)	988·8	-8	SW	3	c/pr	51	85	6	8	-	8	9	9+	2500
	Croydon	989·9	-6	S	4	ir.	50	96	6	9	-	-	9	9	800
	S. Farnborough	988·4	-12	S	2	c/pr	50	95	6	9	3	1	7-8	7-8	1500
	Boscombe Down	987·3	-10	SWS	3	c/pr	50	85	7	8	-	-	9+	9+	1500
	Calshot, S'thmtn	989·0	-6	SW	4	c/pr	51	85	7	8	-	-	9+	9+	4000
	Lympne	992·1	-10	S&W	5	ir.	49	85	7	5	6	-	9	10	450
	Manston	991·4	-6	SSW	5	ir.	50	95	7	8	-	-	9+	9+	1500
2	Shoeburyness	990·5	-4	SW	4	pr	50	95	7	6	2	1	4-6	9	1500
	Felixstowe	990·9	-2	S&W	5	bc	50	85	8	5	-	6	4-6	4-6	4000
	Gorleston	989·9	+2	S'E	4	c	51	85	7	5	-	-	7-8	7-8	2500
	Cranwell	987·0	-2	S'E	3	c	50	85	7	2	5	6	4-6	9	2600
3	Birmingham	986·0	+4	SSW	3	c	49	85	6	6	3	-	4-6	7-8	1500
	Upper Heyford	987·3	-6	SSW	3	c	50	85	7	5	-	-	9+	9+	1500
4	Ross-on-Wye	985·9	0	SW	3	ir.	49	95	7	6	7	2	7-8	9+	2500
5	Portland Bill	986·3	?	WSW	6	pr	52	96	7	5	-	-	10	10	1500
	Plymouth	990·7	+24	W	6	c/r	53	85	6	6	2	-	7-8	9+	800
	The Lizard	993·1	+20	W	7	pr	51	96	7	8	2	-	9	10	1500
	Scilly (St. Mary's)	993·2	+16	WNW	7	c/pr	51	96	6	9	6	-	7-8	9+	1500
	Guernsey	993·0	+2	W	7	c/r	52	85	7	8	-	-	9+	9+	1500
6	Pembroke	986·3	+34	WN	6	q	52	85	7	8	6	-	7-8	9	2500
7	Holyhead	983·1	+22	NW	4	r.s.	50	95	6	9	7	-	4-6	10	1500
	Chester (Sealand)	984·3	+6	SSE	3	c	52	85	6	5	7	-	4-6	7-8	1500
8	L'pool (Bidston)	983·8	+4	S	3	bc	49	85	8	7	-	-	4-6	4-6	2500
	Manchester	984·8	+10	S	2	3.	51	85	5	5	4	-	4-6	7-8	2500
9	Harrogate	985·3	+6	S	1	m	48	95	4	5	8	-	7-8	9	4150
10	Spurn Head	987·2	+4	SSW	2	c	49	95	6	5	2	-	4-6	9	1500
	Catterick	985·5	+10	-	0	m	46	95	4	4	-	-	4-6	4-6	4000
	Tynemouth	985·0	+12	S	2	c	48	95	5	4	-	-	7-8	7-8	4000
11	Inchkeith	985·6	+18	NE	1	cf	45	95	3	5	-	-	9+	9+	1500
	Leuchars	984·4	+16	-	0	m	45	95	4	7	-	-	7-8	7-8	2500
12	Renfrew (Abbotsl)	984·6	+18	W	1	m	46	95	4	5	-	-	9+	9+	4000
	Eskdalemuir	984·2	+18	S	2	c	46	95	6	5	-	-	10	10	800
13N	Tiree	984·8	+20	-	0	c	50	85	6	5	3	2	2-3	9+	2500
13W	Stornoway	984·7	+6	-	0	c	45	95	7	5	7	9	7-8	9+	1500
15	Dalwhinnie	984·7	+20	-	0	c	40	95	8	4	4	-	4-6	7-8	2500
	Aberdeen	984·9	+12	SE	2	3.	48	95	5	5	-	-	10	10	800
	Wick	984·0	+12	S&W	2	c	47	95	8	7	7	-	4-6	7-8	1500
16	Lerwick	988·4	-4	SE	2	ir.	47	95	6	9	2	-	9	10	450
17	Blacksod Point	990·4	+46	NNW	5	q	50	95	7	9	-	-	7-8	7-8	800
18	Malin Head	985·1	+24	NNW	3	c	49	95	7	8	-	-	9+	9+	800
	Aldergrove	986·0	+32	WNW	2	c	48	95	7	8	3	-	7-8	9+	450
	Donaghadee	984·7	+16	WSW	1	ir.	49	95	7	5	-	-	7-8	7-8	1500
19	Birr Castle	988·4	+32	W	3	ir	49	95	7	6	2	-	7-8	10	1500
20	Valentia Obsy.	984·2	+26	WN	5	c	52	85	7	6	-	-	9+	9+	800
	Roches Point	992·0	+34	NW	3	c	52	85	8	8	3	-	4-6	7-8	1500

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

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)
989·4	+10	WSW	2	c/r	49	95	6	5	-	-	10	10	2500	1	*
989·8	+4	SWW	4	ir.	49	95	5	6	2	-	4-6	10	1500	1	*
989·5	+12	W's	4	c	49	95	7	5	3	-	7-8	9	2500	1	*
989·8	+18	W	4	c/r	48	95	7	8	-	-	9	9	800	1	*
990·9	+18	WSW	5	pr	50	85	8	9	3	-	4-6	9	1500	1	2
990·6	-6	SW's	3	ir.	48	95	7	5	7	-	7-8	9+	800	1	§5
990·0	-4	SSW	4	c/pr	47	95	7	5	6	-	4-6	7-8	1500	1	*
989·6	-4	S	2	ir.	47	95	7	6	2	-	4-6	10	1500	1	*
990·0	-2	S'W	3	c	48	95	7	5	7	-	4-6	7-8	4000	1	2
990·6	+2	SSE	4	c	49	95	6	8	-	-	7-8	7-8	2500	1	3
989·0	+12	-	0	3.	47	95	6	5	-	-	9+	9+	4000	1	*
987·7	+16	W	2	c/r	47	95	6	6	1	-	7-8	9+	1500	1	*
988·3	+14	SW	3	r.s.	47	95	6	5	7	-	9+	10	800	1	*
989·1	+16	W	4	c/r	49	85	8	5	-	-	10	10	2500	1	
992·3	?	WSW	6	c	52	85	7	5	4	-	4-6	7-8	2500	1	6
994·3	+24	W	6	pr.	52	85	7	8	-	-	7-8	7-8	1500	1	4
996·1	+14	WN	6	c/pr	51	95	7	8	-	-	9+	9+	2500	1	4
997·2	+20	NWW	7	c	51	95	6	8	-	-	10	10	1500	1	5
995·7	+14	WNW	6	c	52	85	7	5	-	-	10	10	4000	1	4
991·5	+24	NW	5	id.	51	85	7	8	7	-	4-6	9+	2500	1	4
989·8	+42	NWW	5	c/pr	50	95	6	5	-	-	9+	9+	4000	1	3.
989·0	+36	NWW	2	id.	45	95	6	5	-	-	9	9	4000	1	*
989·1	+34	NW	3	c	48	95	8	8	-	-	9	9	2600	1	*
988·1	+24	WNW	1	m	47	95	4	5	-	-	10	10	2500	1	*
988·8	+26	S	1	m	47	95	4	5	-	-	9+	9+	4150	1	*
988·9	+8	-	0	c	47	95	6	5	2	-	7-8	9+	1500	0	1
988·7	+16	-	0	m	46	95	4	5	-	-	10	10	4000	1	*
988·3	+22	S	1	o	48	95	5	5	-	-	10	10	800	1	1
988·8	+26	SW	2	m	45	95	4	5	-	-	10	10	1500	1	1
988·5	+26	-	0	m	44	95	4	5	-	-	9+	9+	1500	1	*
989·0	+26	W's	1	cf	43	95	3	5	-	-	9+	9+	4000	1	*
988·4	+24	-	0	c/r	44	95	6	5	-	-	9+	9+	800	1	*
988·4	+24	WSW	2	c/d	49	95	6	5	-	-	9+	9+	2500	1	4
989·8	+10	-	0	c	45	95	6	8	6	-	4-6	9+	1500	1	9
988·2	+22	-	0	c	36	95	6	5	1	-	7-8	10	2500	1	
988·6	+24	-	0	m	46	95	4	6	-	-	9+	9+	800	1	2
987·6	+20	SSE	2	bc	38	95	6	5	7	-	4-6	4-6	2500	1	3
990·3	+16	SE	5	c	47	95	6	5	2	-	4-6	10	450	1	*
985·4	+40	NW	4	c	50	95	7	9	-	-	9+	9+	800	1	3
989·2	+32	NNW	3	c/pr	50	95	7	8	-	-	10	10	800	1	2
991·9	+30	SWW	2	ir.	47	95	7	5	-	-	9+	9+	1500	1	*
983·6	+16	W	1	c	48	95	7	5	-	-	7-8	7-8	1500	1	0
994·1	+32	W	2	c	48	75	8	8	-	-	7-8	7-8	2500	1	*
1000·2	+38	WN	5	c	50	85	8	8	-	-	9	9	1500	1	5
997·7	+32	NW	3	bc	50	75	8	5	3	-	4-6	4-6	2500	1	4

PAST 24 HOURS.

Weather. 7h.–13h. 19th (37)	13h.–18h. 19th (38)	18h. 19th to 1h. 20th (39)	1h.–7h. 20th (40)
cpr	crc	or.r.oc	ecr.ocu.
c.c.r.	ic.Ric.m.	r.r.d.d.	cd.w.a. c
cipr	r.Rirc	cr.r.cr.	cir.
cpr	cir	cir.	cir.
bccpr.	prcrrc	bcpr	bcpr
Rqir.	prRqc	cirr.d.	cd.Rw.
cpr	cpre	cpr.	cpr.w.
bccpr	bccr	cir	cw.
cir.bc	bccpr.	c. d.d.w.	0850w.
cq	c	coirc	owc
cpr.c	cm.	cw.	cw.
c	cir.	cpr.	cpr
c.r.d.bc	cd.r.r.	cr.r.r.	cr.r.r.
rcpbcc	corr	ps	c
cPR	cpre	c	c
cirm	cm.pr.	cpr.be	bcir.pr
cpre	cpre	c	c
cp.bc	cpc	cp.bc	bcbo
cPRq	cir	c.bcc	co
cq.ir.c	cq.id.c	cqr	cq.be
cr.r.	r.pr.	cpr.	cm.o.b
ic.bc	ir.bcm.	id.cir.	R.r.c
prc.bc	bcirc	d.c.id.o	c.r.e
cpr.c	cm.m	c.w.r.	cir.
bbcem	cm	mifcbc	cbc
bc	bc	cbc	c3FFw
bcc.em	bcm	cw	cw.be
bc.em.	com	ow	
cd.ff	cd.ff3	c3if.e	a.bc
c.m.f.cm	cm	c—m	cm.w
cm.f.cm	cmc.ff	§5cr.ro	c.pr.cw.
r.R.c	cr.c	cw	c.pr.c
cm.	cd.	cpR	pRc
c	c	cpr.m.	c
bcc	bc		dbc
cm	cir.m	cw	cw.o
c.pr.c	c.bc.m.	c.w.m.c	ciFc
cir.f.m.	coi.f.m.	c.pr.w.c.	coir.w.c
p.bc.q	p.bc.q	PR.bc	PR
c	c.pr.c	c.pr.	c
cm.f.c	cir.	c.p.r.c	cc.pr.
cir	circ	c	dc
pr.pr.c	pr.p.c	c.pr.c	dc
c	c.p.bc	bc.p.c	c.b.s.h

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight: repetition of letters indicates continuity: thus,
R, heavy rain. r$_o$, slight rain.
rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☾ lunar halo. ⚡ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

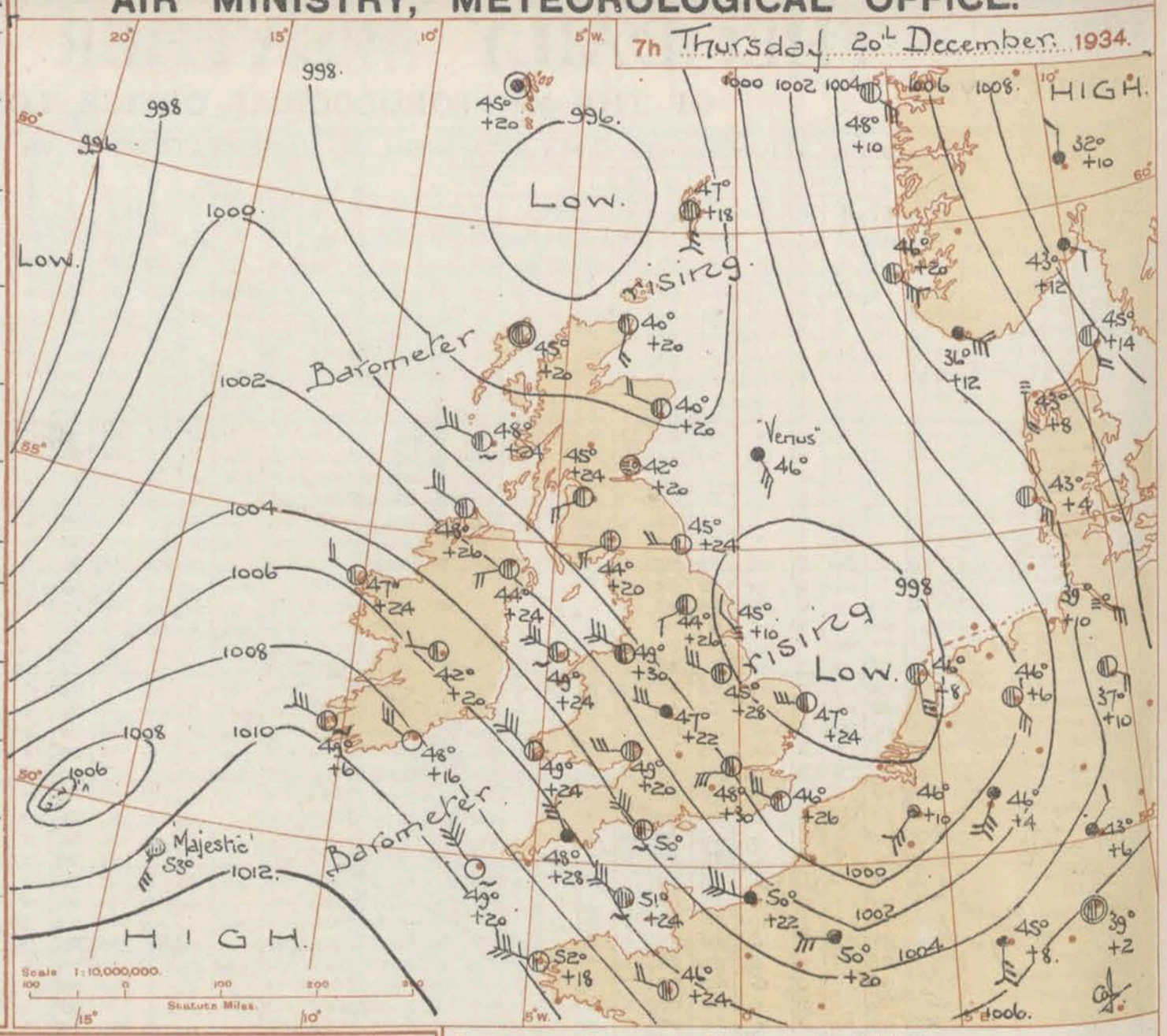
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 19th December 1934

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.	orac	acor	46	48	6	3	0.0
	Bournemouth	orc	acro	42	52	10	4	0.8
	Ventnor ...	rapo	opcbc	47	52	6	5	0.3
	Southsea ...	ubp	cp	48	52	5	2	0.4
	Bognor Regis	oir	cbc.or	49	51	5	3	0.1
	Littlehampton	cpc	cpc	48	50	3	2	0.1
	Worthing ...	cr	rc	49	51	4	2	0.1
	Brighton ...	oro	oro	42	52	6	5	0.0
	Eastbourne†	corPR	rPRo	48	51	13	9 10	0.0
	Hastings† ...	orco	oro	47	51	15	5	0.1
	Folkestone ...	oirc	oirc	48	51	6	3	0.1
	Dover... ...	coir	ibcbc	49	52	6	3	0.0
	Deal	ir	ir	47	51	8	4	0.0
	Ramsgate ...	rcbo	o.ro	47	51	4	3	0.1
	Margate ...	bcc	cr	46	52	3	2	0.1
2	Southend ...	cbcc	cdbcc	47	52	2	Trace	1.0
	Maldon ...	rcbc	bc	46	51	4	0.3	0.8
	Clacton-on-Sea	orcbc	cbcc	48	50	1	-	1.1
	Dovercourt ...	r bc	p bc	47	50	2	Trace	1.7
	Lowestoft ...	prcbc	c	47	51	1	-	1.1
	Skegness ...	orbc	bco	46	50	0.4	-	0.6
	Mablethorpe	c	c	45	50	0.5	-	1.0
	Cleethorpes ...	c	c	45	52	Trace	-	0.0
3	Leamington S.	bcco	od	47	52	0.4	0.3	1.3
4	Cheltenham†	cbcc	cicor	47	51	5	2	1.3
5	Bath	r.bcc	rc	48	52	6	3	0.8
	Weymouth ...	c	cp.	48	53	11	0.1	0.3
	Jersey ...	rqc	rqc	47	53	9	11	0.1
	Torquay ...	rore	bccp.	47	53	10	5	0.4
	Pensance ...	cpbc	cpc	50	53	2	Trace	0.3
	St. Ives ...	p	c	47	52	3	0.3	0.1
	Bude	pc	pc	48	52	4	4	0.0
	Ilfracombe ...	op	op	49	53	12	5	0.0
6	Aberystwyth	pr	prc	46	50	6	5	0.0
7	Llandudno ...	rc	cirr	47	52	0.4	2	0.6
	Colwyn Bay...	r bcpc	bcpco	47	51	4	2	0.4
	Rhyl	cprc	c	45	51	1	1	0.4
8	Wallasey ...	pcbcc	cir	47	51	2	1	0.5
	Southport‖ ...	cbcc	cop co	46	52	1	Trace	1.1
	Blackpool ...	cop	co	46	51	1	0.2	0.4
	Morecambe ...	cbbc	crorr	46	49	2	0.3	0.5
9	Ilkley... ...	ol.og	o	43	50	5	0.4	0.0
10	Berwick-on-T.	oco	oc.o	42	48	2	0.6	0.0
11	Dunbar ...	cr.	cr.m.	42	48	0.3	1	0.0
12	Troon... ...	cofcf	cfcfc	44	47	-	-	0.0
	Douglas ...	cbc	circb	47	51	6	1	0.3

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 20th December, 1934.
1. S.E. England	Moderate west to northwest wind, backing to southwest tomorrow; local showers today, cloudy with continuous rain tomorrow; mild.
2. E. England...	Moderate west to northwest wind, backing to southwest tomorrow; occasional rain today, continuous rain late in the period; mild.
3. E. Midlands	As 1.
4. W. Midlands	
5. S.W. England	Moderate westerly wind, backing to south to southwest and becoming strong; bright intervals this afternoon, rain becoming continuous tonight; mild.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Light variable wind becoming moderate to fresh southerly; occasional showers today, rain becoming continuous after midnight; mild.
10. N.E. England	
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	As 4 - 9.
13. A. W Scotld. B. N.W Scotland	Moderate westerly wind, becoming strong southerly; cloudy; rain becoming continuous tonight; average temperature becoming mild.
14. Mid Scotland	As 10 - 11.
15. N.E. Scotland	
16. Orkneys and Shetlands.	
17. N.W. Ireland	Light westerly wind, becoming strong southerly; rain becoming continuous this afternoon but intermittent tomorrow; mild.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

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

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

GENERAL INFERENCE.

Shallow depressions over the Southern North Sea and between Scotland and the Faeroes are filling up and moving away eastwards. A ridge of high pressure will cross the British Isles today and be followed by another depression moving eastwards. After a brief fair interval rain will be renewed in Western Ireland this afternoon and spread northeast to all districts.

FURTHER OUTLOOK.

Mainly cloudy; occasional rain; mild.

Forecasts issued at 1025 G.M.T.

G. C. SIMPSON, 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, 20th December 1934.

No. 26691

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

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	994·8	+30	W	3	id.	48	95	7	S	–	–	10	10	800
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	993·7	+12	W	3	id.	47	95	7	6	–	–	10	10	450
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	995·6	+12	WNW	3	m	47	95	84	S	–	–	10	10	1500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	998·1		WNW	4	c	51	85	7	4	–	–	10	10	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1002·9	+36	WNW	6	c	50	95	7	8	–	–	7-8	7-8	2500
	Scilly (St. Mary's)	163	1004·3	+20	NW'N	6	bc	50	95	7	–	6	–	0	2-3	–
	Guernsey	175	1001·1	+20	NW	5	c	51	75	7	8	–	–	9	9	2500
6	Pembroke	142	998·2	+28	NW	6	cq	50	85	7	5	–	–	9+	9+	2500
7	Holyhead	26	996·7	+26	NW'W	6	c/pr	51	85	6	5	–	–	10	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	993·6	+10	–	0	c	46	95	7	5	7	–	4-6	9+	1500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	160	993·4	+16	W	2	o	49	95	6	6	–	–	10	10	1500
11	Inchkeith	190	993·7	+24	SW	2	m	46	95	4	5	–	–	9+	9+	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	991·9	+20	–	0	c	44	95	6	5	–	–	10	10	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	992·3	+20	SSW	1	c	40	95	7	5	1	–	7-8	9+	1500
16	Lerwick	156	993·9	+16	SSE	4	c	47	95	7	5	3	–	4-6	7-8	800
17	Blacksod Point	18	1002·3	+44	NW	3	bc	49	85	7	3	–	–	2-3	2-3	800
18	Malin Head	52	996·5	+28	NW'W	4	c	49	85	7	8	–	–	9+	9+	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1006·0	+34	NW'W	5	c	50	95	8	5	–	–	9+	9+	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 20th 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)	Cloud. Form. Med. (24)	Cloud. Form. High (25)	Cloud. Amount. Low. 0-10 (26)	Cloud. Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	1001·2	+30	S	3	c	48	96	5	5	–	–	9+	9+	1500	1	*
	Croydon	1000·7	+30	W'S	3	c	48	85	7	5	7	–	4-6	9	1500	1	*
	S. Farnborough	1001·4	+30	W'N	2	c	47	96	7	8	–	–	9+	9+	1500	1	*
	Boscombe Down	1002·3	+24	W'N	3	id.	47	96	7	6	–	–	9+	9+	1500	1	*
	Calshot, (S'thmtn)	1002·3	+24	W	4	c	48	85	7	8	7	–	4-6	7-8	2500	1	1
	Lympne	999·7	+26	WNW	3	3c	46	96	6	5	–	–	9	9	1500	1	§1
	Manston	998·1	+26	SW	4	3c	47	96	5	8	–	–	10	10	800	1	*
2	Shoeburyness	999·4	+24	W'S	2	c	48	96	6	6	2	–	7-8	9+	2500	1	*
	Felixstowe	998·4	+30	WNW	3	3	47	96	4	5	–	–	10	10	800	1	1
	Gorleston	997·5	+24	W	3	c	47	95	6	5	–	–	6	10	2500	1	2
	Cranwell	999·8	+28	WNW	3	c	48	95	6	5	7	4-6	7-8	7-8	4000	1	*
3	Birmingham	1001·5	+22	WNW	3	br	47	95	7	6	–	–	9+	9+	1500	1	*
	Upper Heyford	1000·8	+32	W	3	3c	47	95	6	6	–	–	10	10	800	1	*
4	Ross-on-Wye	1002·3	+20	W	3	c	49	85	8	5	–	–	9	9	4000	1	*
5	Portland Bill	1003·7	·	NW	5	c	50	86	7	4	4	–	7-8	9	2500	1	4
	Plymouth	1006·6	+28	NNW	4	br	48	85	8	8	–	–	7-8	7-8	2500	1	3
	The Lizard	1007·8	+24	NW'W	5	c	49	95	8	8	1	–	7-8	9	2500	1	3
	Scilly (St. Mary's)	1008·8	+20	NW'N	6	bc	49	95	7	4	–	–	4-6	4-6	2500	1	4
	Guernsey	1005·7	+24	NW	5	o	51	85	7	5	–	–	10	10	1500	1	4
6	Pembroke	1003·7	+24	NW	5	bc	49	88	7	7	4	9	2-3	4-6	4000	1	3
7	Holyhead	1002·3	+24	WNW	5	bc	49	85	7	5	3	–	4-6	4-6	4000	1	4
	Chester (Sealand)	1001·7	+30	WNW	5	c	49	85	7	5	–	–	9	9	1500	1	*
8	L'pool (Bidston)	1000·9		NNW	5	c	47	95	8	5	–	–	9	9	2500	1	*
	Manchester	1000·4	+20	NW'N	3	c/r	48	96	6	5	2	–	10	10	2500	1	*
9	Harrogate	999·6	+26	SW	1	c	44	96	7	5	4	–	7-8	7-8	4000	1	*
10	Spurn Head	997·9	+10	NNW	1	oF	45	95	1	5	–	–	10	10	<150	0	1
	Catterick	999·0	+22	NW	2	c	47	85	7	5	3	–	4-6	7-8	4000	1	*
	Tynemouth	998·1	+24	W	2	bc	45	95	6	2	–	–	4-6	4-6	2500	1	1
11	Inchkeith	998·0	+30	SW	3	3	48	95	4	5	–	–	9+	9+	1500	1	2
	Leuchars	997·9	+20	–	0	3c	42	95	4	5	2	–	7-8	10	1500	1	*
12	Renfrew (Abbotsl)	998·7	+24	SW'W	2	3c	45	95	6	8	–	–	9	9	2500	1	*
	Eskdalemuir	998·8	+20	SW	2	c	44	95	7	5	–	–	10	10	1500	1	*
13A	Tiree	999·2	+24	W'N	4	c	48	85	7	8	7	–	4-6	9+	2500	1	4
13B	Stornoway	996·6	+20	–	0	c	46	95	7	4	–	–	10	10	1500	1	0
15	Dalwhinnie	998·9	+24	–	0	c	39	95	7	5	7	–	4-6	10	1500	1	*
	Aberdeen	998·0	+20	WNW	2	3c	40	95	6	5	–	–	9+	9+	5700	1	1
	Wick	997·0	+20	SSW	2	c	40	95	7	5	1	–	7-8	9+	1500	1	2
16	Lerwick	996·6	+18	SSW	3	c/r	47	95	5	5	–	–	10	10	450	1	*
17	Blacksod Point	1006·0	+24	WNW	2	bc	47	95	8	3	–	–	2-3	2-3	2500	1	3
18	Malin Head	1001·2	+26	NW	4	c	48	95	7	8	–	–	9	9	1500	1	2
	Aldergrove	1002·7	+24	WSW	2	c/pr	44	95	7	5	3	–	7-8	9	1800	1	*
	Donaghadee	1001·5	+24	WNW	3	c	46	85	7	5	3	–	4-6	7-8	1500	0	2
19	Birr Castle	1005·9	+20	W	1	bc	42	95	8	–	4	–	–	2-3	–	1	*
20	Valentia Obsy.†	1003·7	+6	WNW	4	bc	49	85	8	5	4	–	2-3	4-6	1500	1	4
	Roches Point	1008·8	+16	NW	3	b	48	85	8	5	–	–	1	1	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 19th Hrs. (36)
1	London (Kew)	51	47	42	3	1	0·8
	Croydon	51	47	46	4	2	0·0
	S. Farnborough	51	46	43	4	1	0·4
	Boscombe Down	51	46	45	4	0·5	0·9
	Calshot, (S'thmtn)	52	48	45	1	2	0·0
	Lympne	49	46	43	5	2	0·0
	Manston	51	46	44	4	Tr	0·2
2	Shoeburyness	51	45	42	0·2	1	1·2
	Felixstowe	50	46	44	Tr	0·1	1·7
	Gorleston	52	46	44	–	2	1·0
	Cranwell	51	42	41	Tr	–	2·1
3	Birmingham	50	45	43	1	1	0·1
	Upper Heyford	51	46	42	1	1	*
4	Ross-on-Wye	50	47	42	4	3	0·9
5	Portland Bill	53	47	*	0·5	–	*
	Plymouth	53	48	45	2	2	0·2
	The Lizard	52	49	*	2	Tr	*
	Scilly (St. Mary's)	52	49	*	0·4	0·2	0·0
	Guernsey	53	50	46	5	–	0·1
6	Pembroke	53	47	*	0·1	–	0·1
7	Holyhead	51	49	46	5	1	0·0
	Chester (Sealand)	52	45	44	0·4	4	0·7
8	L'pool (Bidston)	49	47	46	0·3	3	0·7
	Manchester	53	45	40	Tr	0·1	1·8
9	Harrogate	48	44	39	–	4	2·0
10	Spurn Head	49	44	*	–	Tr	0·4
	Catterick	47	42	37	0·1	–	0·0
	Tynemouth	49	45	40	–	–	*
11	Inchkeith	46	44	41	0·1	Tr	0·0
	Leuchars	46	40	34	–	–	0·0
12	Renfrew (Abbotsl)	46	40	32	0·1	–	0·0
	Eskdalemuir	46	39	37	1·4	0·3	0·0
13A	Tiree	50	48	44	0·5	2	0·0
13B	Stornoway	48	42	*	Tr	0·4	0·3
15	Dalwhinnie	44	34	29	–	0·3	0·5
	Aberdeen	49	37	32	0·1	–	0·0
	Wick	48	35	*	0·6	–	*
16	Lerwick	48	46	*	0·6	2	0·0
17	Blacksod Point	51	40	*	0·3	2	*
18	Malin Head	50	47	*	0·2	Tr	0·0
	Aldergrove	48	44	39	0·1	0·5	0·1
	Donaghadee	50	42	*	1	2	*
19	Birr Castle	49	42	37	0·2	–	0·1
20	Valentia Obsy.†	52	49	44	2	Tr	0·2
	Roches Point	52	47	*	0·1	Tr	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs.	Humidity. 15h. G.M.T % Yesterday.	Humidity. 9h. G.M.T % To-day.	Visibility 9h.
Kew	18	c/pr	cr Ro	or.r.cbu	51	47	42	3	1	0·8	*	*	5
Croydon	217	cr.r.	r.Rir.w	r.r.cd.m	51	47	46	4	2	0·0	*	*	6
Greenwich (Royal Observatory)	149	cb	c/pr.r.	cr/d.cm	51	46	42	1	3	0·5	90	81	4
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park)	27	*	*	*	52	47	40	4		0·1	81	90	*
Regents Pk. (Botanic Gardens)‡	168	*	*	*	52	47	43	2	3	0·0	86	92	*
Camden Square	110	bc/c	c c r	*	51	47	41	2	4	*	*	91	*
Kensington	80	bc	bc/bco	*	52	47	40	2	1		At 18h. 94	91	*
Hampstead Observatory	450	cb	cb	o r m	49	44	38	1	4	Tr	*	89	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
Not available.			

Kew Observatory. Max.	Time.	Min.	Time.
0·2	21h 19th	0·1	08h 19th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 19th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 20th December. 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	998·7	SSW	5	r.r.	50	1002·7	W	4	br	50	50	48	Tr	3
Brussels	997·0	S	6	r/o	48	998·5	SW'S	4	r.r.	46	48	46	Tr	4
Berlin	1005·9	SSE	1	3c	43	1008·4	SE	2	s	41	45	32	Tr	–
Zürich	1011·1	WSW	2	c	46	1011·0	SE	3	c	37	46	36	0·1	Tr
Rome	1004·3	NE	1	r.r.	52	1005·7	NE	1	c	45	·	·	16	–

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.
Objects not visible at

0	Dense fog	55	yards.
1	Thick fog	220	,,
2	Fog	550	,,
3	Moderate fog	1,100	,,
4	Mist or haze	1¼	miles.
5	Poor visibility	2½	,,
6	Moderate ,,	6½	,,
7	Good ,,	12½	,,
8	Very good ,,	31	,,
9	Excellent ,,	beyond 31m.	

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

†The observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 21st December 1934.

No. 26692.

OBSERVATIONS at 13h. G.M.T. 20th 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)	1005·4	+1·6	NW	3	c	51	75	6	5	3	-	7-8	9+	2500
	Croydon	1005·5	+1·6	WNW	3	cr.	49	85	5	5	2	-	9+	10	800
	S. Farnborough	1005·7	+1·2	NW'W	4	bc	51	75	7	1	4	-	2-3	4-6	2500
	Boscombe Down	1006·3	+·6	NW'W	3		50	75	6	1	-	-	Tr	Tr	2500
	Calshot, S'thmtn	1006·2	+1·2	WNW	4	3.	51	68	6	1	4	-	Tr	Tr	4000
	Lympne	1006·5	+3·4	WNW	4		49	85	5				7-8	7-8	2500
	Manston	1003·5	+1·4	W	4	3.	49	85	5	5	-	-	10	10	1500
2	Shoeburyness	1003·8	+1·0	WNW	3	c	51	85	6	5	-	-	10	10	2500
	Felixstowe	1002·9	+1·8	NW	3	3.	50	85	6	5	-	-	7-8	7-8	7200
	Gorleston	1002·1	+2·4	W'N	3	c	48	95	5	5	-	-	10	10	1500
	Cranwell	1003·4	+1·0	WNW	3	c/bc	48	85	5	5	3	-	7-8	9	4000
3	Birmingham	1005·7	+1·6	WNW	4	cr.	47	85	6	6	2	-	4-6	9	1500
	Upper Heyford	1005·9	+1·2	NW'W	5	bc	49	75	8	7	-	-	4-6	4-6	2500
4	Ross-on-Wye	1006·3	+·6	NW'W	4	b	50	75	8	7	-	-	1	1	4000
5	Portland Bill	1008·4	·	NW	4	bc	51	75	8	4	-	-	4-6	4-6	2500
	Plymouth	1009·8	+·8	WNW	4	c	51	75	7	8	-	-	7-8	7-8	2500
	The Lizard	1010·1	+·4	WNW	4	bc	51	85	8	8	-	-	4-6	4-6	2500
	Scilly (St. Mary's)	1012·0	+·6	NW'W	5	bc	52	85	7	2	-	-	2-3	4-6	4000
	Guernsey	1009·7	+1·4	NW	5	a/pc	51	75	7	8	-	2	9	9	500
6	Pembroke	1008·8	+·8	NW	4	bc	50	85	7	7	4	4	2-3	4-6	4000
7	Holyhead	1006·4	+1·4	WNW	5	bc	50	85	7	5	3	2	2-3	4-6	4000
	Chester (Sealand)	1006·6	+2·2	WNW	4	a/pc	49	85	6	5	3	-	7-8	7-8	1500
8	L'pool (Bidston)	1006·2	+1·4	NW'N	5	bc	48	85	7	5	8	-	4-6	4-6	2500
	Manchester	1004·8	+1·8	NW	4	3.	49	85	7	5	3	-	2-3	7-8	1500
9	Harrogate	1003·2	+1·0	W	1	c	48	85	7	6	7	-	7-8	9+	2500
10	Spurn Head	1002·2	+·8	NNW	4	bc	47	95	6	5	1	1	4-6	4-6	1500
	Catterick	1003·3	+1·8	NW'W	3	c	49	85	8	5	-	-	9+	9+	4000
	Tynemouth	1001·6	+·6	W	2	c	48	85	6	4	-	-	9+	9+	4000
11	Inchkeith	1003·4	+2·2	WSW	3	cr	46	95	6	5	-	-	10	10	1500
	Leuchars	1001·6	+1·4	WSW	2	c	45	95	5	5	3	-	4-6	9+	7200
12	Renfrew (Abbotsl.)	1003·0	+1·8	SW'W	2	bc	50	85	8	7	-	-	2-3	2-3	4000
	Eskdalemuir	1002·8	+1·4	WNW	3	bc	47	75	8	5	-	-	4-6	4-6	1500
13A	Tiree	1003·6	+2·0	WNW	4	c	48	85	7	8	3	-	7-8	9+	1500
13B	Stornoway	1001·5	+2·2	-	0	bc	45	95	7	7	7	-	2-3	2-3	1500
15	Dalwhinnie	·	+2·0	-	0	bc	44	85	8	3	-	-	4-6	4-6	2500
	Aberdeen	1002·2	+1·8	WNW	1	3.	41	95	5	5	-	-	9+	9+	4000
	Wick	1001·4	+2·0	SSW	2	c	43	95	6	8	1	-	4-6	7-8	1500
16	Lerwick	1000·6	+2·0	S	4	c/r	47	95	7	8	2	-	7-8	9+	800
17	Blacksod Point	1007·4	+·8	-	0	bc	50	85	8	2	3	-	2-3	4-6	2500
18	Malin Head	1005·0	+1·4	W'N	4	c	49	85	7	4	-	-	9	9	1500
	Aldergrove	1006·4	+1·4	SW'W	3	bc	48	85	8	5	3	5	2-3	4-6	1500
	Donaghadee	1005·5	+1·6	W	3	bc	48	85	8	5	3	-	4-6	4-6	1500
19	Birr Castle	1009·1	+·6	SSW	1	bc	43	85	8	5	-	-	2-3	2-3	4000
20	Valentia Obsy.	1010·3	-·2	SSW	3	c	50	85	8	5	2	-	4-6	10	1500
	Roches Point	1011·4	+·6	WNW	2	c	49	85	8	5	3	-	4-6	7-8	2500

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

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)
1009·1	+2·4	WNW	2	c	48	85	6	5	-	-	9	9	4000	1	·
1009·3	+2·2	W'S	2	m	47	85	4	5	6	-	4-6	9	4000	1	·
1009·6	+2·2	W	2	bc	47	85	7	5	-	-	4-6	4-6	4000	1	·
1010·4	+2·0	W'N	2	bc	43	95	7	·	·	·	0	4-6	-	1	·
1010·0	+2·0	W'S	2	bc	47	85	7	·	·	·	0	4-6	-	1	2
1008·4	+2·4	WNW	3	3.	45	85	5	5	3	-	2-3	4-6	4000	1	§1
1007·3	+1·4	WNW	4	bc	48	85	7	5	3	-	1	4-6	4000	1	*
1007·5	+2·0	WNW	3	c	49	85	6	5	-	-	10	10	2500	1	*
1006·6	+2·2	NW'W	3	3.	49	85	6	5	-	-	9	9	2500	1	(
1004·9	+1·0	WNW	3	c	48	85	5	5	-	-	9	9	2500	1	2
1007·5	+2·6	WNW	3	bc/pc	45	95	5	8	6	-	4-6	4-6	4000	1	
1009·4	+1·8	WNW	2	bc	45	85	6	-	-	6	0	4-6	-	1	+
1009·4	+2·4	NW'W	3	bc	44	85	7	5	-	-	4-6	4-6	2500	1	·
1010·3	+1·4	W	2	b	45	85	8	5	-	1	1	1	4000	1	
1013·2	·	NW	4	bc	50	75	8	4	-	-	2-3	2-3	2500	1	3
1012·5	+2·0	NW'N	2	c	49	85	7	5	7	-	7-8	9	2500	1	2
1013·4	+1·4	W'N	3	c	49	95	8	8	2	-	7-8	10	2500	1	2
1013·7	+·6	W	3	c	50	85	7	5	-	-	7-8	7-8	4000	1	2
1012·6	+2·0	NW	4	bc	50	75	7	5	3	-	2-3	4-6	4000	1	3
1010·4	+1·6	NW	2	bc	49	85	7	7	8	-	2-3	4-6	4000	1	2
1010·2	+2·0	W'S	3	bc	48	85	7	7	5	-	1	2-3	2500	1	2
1009·9	+2·4	W'N	3	bc	47	85	7	5	-	-	4-6	4-6	2500	1	·
1009·3	+1·0	NW'N	4	bc	46	95	8	7	3	4	2-3	4-6	4000	1	·
1008·7	+2·8	NW	3	3.	44	95	6	5	3	-	7-8	9	2500	1	·
1007·2	+2·6	SW	2	bc	43	85	7	·	3	8	0	2-3	-	1	·
1006·2	+1·2	N	3	c	47	95	6	5	7	-	4-6	9	1500	0	2
1007·5	+2·6	NW	2	bc	46	75	8	4	4	-	2-3	2-3	4000	1	·
1006·7	+3·2	WNW	2	cr.	47	85	7	6	-	-	10	10	1500	1	1
1006·7	+1·8	WSW	3	3.	45	95	6	5	-	-	4-6	4-6	1500	0	2
1006·0	+2·8	WSW	1	c	43	95	6	5	5	-	9	9	7200	1	·
1006·7	+2·0	SW	2	3.	45	95	6	5	3	-	1	4-6	2500	1	·
1007·4	+2·4	WNW	2	c	44	85	8	7	-	-	7-8	7-8	1500	1	·
1006·8	+2·6	NW	2	m	38	95	4	5	-	-	4-6	4-6	5700	1	1
1005·1	+2·0	W	2	c	39	95	6	5	3	-	4-6	7-8	1500	1	2
1004·9	+1·8	SSW	3	c	46	95	7	8	7	-	7-8	9+	1500	1	
1006·6	-·6	S	4	c	48	95	8	5	-	-	10	10	800	1	3
1007·0	+·8	W'N	1	bc	44	95	7	5	8	3	1	2-3	2500	1	1
1009·3	+1·4	SSW	2	b	41	95	8	5	3	-	Tr	1	2500	1	
1008·0	+1·6	W	2	bc	44	85	8	8	3	-	2-3	4-6	1500	0	1
1009·3	+2·2	SSW	1	0	46	95	7	5	-	-	10	10	2500	1	·
1009·0	-·4	S'E	4	r.c.	51	95	6	5	-	-	10	10	220	1	5
1011·6	+2	SW	2	pc	50	95	8	6	-	-	9+	9+	1500	1	3

PAST 24 HOURS.

Weather. 7h.–13h. 20th (37)	Weather. 13h.–18h. 20th (38)	Weather. 18h. 20th to 1h. 21st (39)	Weather. 1h.–7h. 21st (40)
cr.3.	bccm.	cm.bcbm	mbc m w
cr.m.	cr.bcc3.	cm.bcw	bcm.w
r.rbc	bccr.c	bcbx	bx
cir.bm.	bbccbc	bcb	bmb§§x
cpr.bcb	bccm	bcbm x	bmx
rcm.	cbcm w	cir bm	b cmw
cm.	cmc bc	cir.cbc	bbccm.
cm.	cm.	cir.m.bc	bm.
cmc3.	c3.	c3.	c3.
cm m.	c3. 3.	c3. r.	c3. 3.
bccdc.	cir.cm.	b m.m	bi§§
bccr.	cbc	bcb	b
pd.cbc	d.r.	bcb	bbc
cb bcb	bccb	b	bxmF
cbc	bc	bcc	c
cm. pp	cbcc	cir.	corrmdd.
cbc	bcc	cpdc	pd.is
bc	bcc	od§af	§i§id
bccpr	cbc	bcc	co
bcq	bc	c	cidmd.dc
bc	bcb	bcwc	c
Rcpr	pr.cbc	bc	bc
PRcbc	bccbc	bc	bc
cpr.c	cm.	cpr.	cm.
c	cbc	bcb	b
ffmc	cbc	bcc3	30
bcprrc	cbc	bcb	bbcx
bc.c	ccc r.	cir.bc	bc
cc33cr	c33.	3. F§3.	bc3.3 w
cwmc	cbcm.c	cbcbm.	bbccx
cm.cb	bcrbc	bcbm.	m.c§§x
cbc	bcc	bccw	cwo§§
cprbc	c	c	c
cprbc	bcc	c	c
bc	bcc	bcc3	bbcc
cm	c3bcm	bmx	bm.xbw
cm.	cm.	c	cbc
bc	bcc	bccw	c
bc	bcc	dd	idcq
c	cbc	cjp	c
bbc	bcb	bcc	cod.
cbc	bc	cm.	c
bc	bc	oid	oidc
bcc	cr.r.	rc.id.	idic.
cbc	cpr.	cdcc	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.*

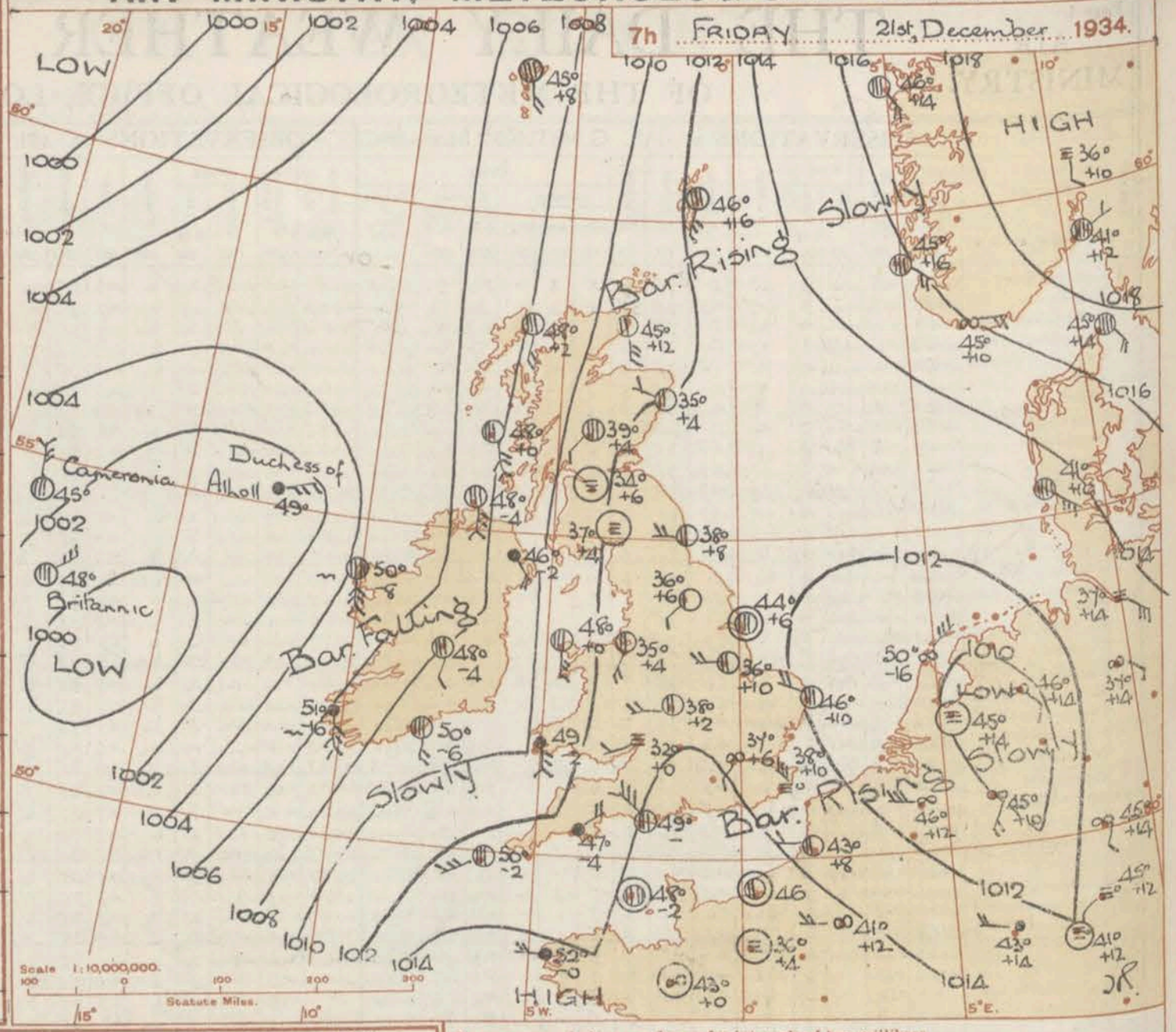
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 20th December 1934

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 19 to 9h. 20	Temperature. Max. 9h.—17h. 20	Rainfall. Night. 17h. 19 to 9h. 20	Rainfall. Day. 9h.—17h. 20	Sunshine. Sunrise to Sunset. 20
1	Tunbridge W.	odoc	coc	45	49	2	Trace	0·2
	Bournemouth	b	b	47	51	-	-	6·0
	Ventnor ...	pob	bbc	47	52	0·3	-	5·0
	Southsea ...	bcb	bbc	48	52	3	-	5·4
	Bognor Regis	cbc	bc	47	51	1	-	2·2
	Littlehampton	bc	bc	47	54	1	-	2·2
	Worthing ...	c	cbcb	47	52	1	-	1·7
	Brighton ...	cpc	cbc	47	52	0·2	0·1	1·3
	Eastbourne†	cor,o	ocb	46	51	1	Trace	0·2
	Hastings† ...	bbcco	ocbcb	45	50	3	-	1·5
	Folkestone ...	oc	cbc	47	51	0·4	-	0·0
	Dover... ...	mc	mcbc	49	51	0·2	-	0·0
	Deal	mo	mo	47	51	-	-	0·0
	Ramsgate ...	c	c	48	50	-	-	0·0
	Margate ...	c	c	47	50	0·3	-	0·0
2	Southend ...	cmo	oc	47	50	1	-	0·1
	Maldon ...	cpc	c	45	50	1	Trace	0·5
	Clacton-on-Sea	cmc	c	45	50	1	-	0·4
	Dovercourt ...	poc	bcc	45	52	Trace	-	1·2
	Lowestoft ...	idom,	c	42	48	2	-	0·0
	Skegness ...	obc	bco	44	49	-	-	0·3
	Mablethorpe	o	co	42	49	Trace	-	1·3
	Cleethorpes ...	cf	bcc	44	50	-	-	2·1
3	Leamington S.	oc	co	46	50	1	-	0·4
4	Cheltenham†	cbc	bccbc	45	50	2	-	2·7
5	Bath	bcb	bbcc	48	52	Trace	-	4·2
	Weymouth ...	b	bc	46	53	-	-	5·0
	Jersey ...	rcbc	bcrc	49	53	1	0·3	2·7
	Torquay ...	pwbc,	cbcb,	48	53	3	-	3·3
	Penzance ...	b	bbcc	49	53	-	-	4·0
	St. Ives ...	c	c	48	51	-	-	3·3
	Bude	cbc	bc	41	54	1	-	2·6
	Ilfracombe ...	cbc	cbcc	50	53	-	-	2·2
6	Aberystwyth	prc	bcc	47	50	1	-	1·9
7	Llandudno ...	c	cbc	48	49	1	-	1·1
	Colwyn Bay...	obc	bcb	48	49	1	-	0·1
	Rhyl	cd,c	cbc	47	50	0·1	-	0·2
8	Wallasey ...	c	cbc	47	49	2	-	0·0
	Southport‖ ...	ocobcb	bbccp	46	50	-	(Trace)	1·1
	Blackpool ...	c	c	46	49	-	-	1·8
	Morecambe ...	c	cbbcc	46	48	7	-	0·9
9	Ilkley... ...	c	c	42	48	-	-	0·0
10	Berwick-on-T.	bco	oco	42	47	-	-	0·0
11	Dunbar ...	rbcm,	cm,bc	43	47	Trace	-	0·0
12	Troon... ...	bcccc	crcb	44	50	2	0·3	0·0
	Douglas ...	cbbc	bccb	46	49	2	-	3·1

† 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. 21st Dec. 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Light westerly winds, mainly fine; local fog inland at night and in early morning; average day temperature, ground frost inland at night
4. W. Midlands 5. S.W. England 6. South Wales	Moderate south to southwest wind; cloudy; occasional rain or drizzle; mild.
7. North Wales 8. N.W. England 9. N. Midlands	Moderate southerly wind; cloudy; occasional rain or drizzle; mild.
10. N.E. England 11. S.E. Scotland	Light to moderate south to southwest wind; fair; local fog inland at night and in the early morning; average day temperature, ground frost inland at night.
12. S.W. Scotland & Isle of Man	As 7 - 9.
13. A. W. Scotld. B. N.W. Scotland	As 10 - 11.
14. Mid-Scotland	As 7 - 9.
15. N.E. Scotland 16. Orkneys and Shetlands. 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	

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

GENERAL INFERENCE.

Shallow depressions centred 200 miles west of Ireland and near southwest Iceland are almost stationary and another depression over Holland is filling up. Mild cloudy weather with occasional rain or drizzle will occur in the west and north but it will be mainly fine in eastern districts and cooler than of late.

FURTHER OUTLOOK.

Mainly quiet with local fog and frost inland.

Forecasts issued at 1000 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

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

Morning of
FRIDAY
December 21st.
1934.

Clarke's Projection Scale 1·4 × 10⁷ along meridian at 55°N.
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 21st December 1934.

No. 26692

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

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	1012·4	+10	W'S	3	3o	41	95	6	7	-	-	7·8	7·8	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot,(S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1011·6	+12	NW	3	w	41	95	4	-	-	-	0	0	-
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1003·2	+10	W'N	3	c	46	95	6	5	-	-	10	10	2500
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1014·2		NW	4	c	49	85	8	4	4	-	4·6	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1012·3	-4	SSW	2	id	50	95	6	5	1	-	9	10	1500
	Scilly (St. Mary's)	163	1012·9	-4	W	3	F	51	95	8	5	-	-	10	10	<150
	Guernsey ...	175	1014·6	+4	-	0	c	50	85	8	5	-	-	9+	9+	2500
6	Pembroke ...	142	1011·6	0	SW	2	c	51	85	8	5	-	-	10	10	4000
7	Holyhead ...	26	1011·6	+4	S	1	c	48	85	8	5	-	-	9+	9+	5700
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1010·5	+10	-	0	3o	44	95	5	5	2	-	4·6	9+	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1009·9	+24	W	2	bc	42	95	7	2	-	-	4·6	4·6	2500
11	Inchkeith ...	190	1011·2	+18	WSW	3	3o	42	95	6	5	-	-	4·6	4·6	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1007·4	+12	SSW	2	c	46	85	7	8	6	-	4·6	7·8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1009·6	+20	W	2	c	41	95	7	5	1	-	7·8	9	1500
16	Lerwick ...	156	1009·3	+20	SSW	3	c	47	95	6	5	3	-	7·8	9+	1500
17	Blacksod Point	18	1006·1	0	S	3	dd	51	95	7	6	-	-	10	10	450
18	Malin Head ...	52	1006·9	-4	S	3	c	47	85	7	8	-	-	9+	9+	1500
	Aldergrove ...	268	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1008·2	-10	S	3	dodo	51	95	5	6	-	-	10	10	800
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1014·2	+10	SW	2	bc	38	95	5	-	4	-	0	2·3	-	1	*
1014·1	+6	SW'S	1	3o	37	95	6	-	3	1	0	2·3	-	1	*
1014·5	+8	W'N	1	b	31	95	6	-	4	-	0	Tr	-	1	*
1014·2	+2	-	0	bs	35	95	2	-	4	-	0	Tr	-	1	*
1014·2	+2	-	0	m	35	95	4	-	7	-	0	Tr	-	1	1
1013·6	+10	NW'W	3	m	38	95	4	5	-	-	9	9	1500	1	§ 1
1013·0	+12	NW'W	3	c	41	95	6	5	-	-	9+	9+	1500	1	*
1013·1	+6	NW	3	b	39	95	6	-	3	-	0	Tr	-	1	*
1012·7	+12	NNW	2	3o	45	95	6	5	-	-	9+	9+	1500	1	1
1011·6	+10	NW'W	2	c	46	95	6	5	-	-	10	10	2500	1	2
1013·6	+10	W	2	if	36	95	3	-	7	9	0	7·8	-	1	*
1013·7	+2	W	2	b	38	95	6	-	3	-	0	1	-	1	*
1013·5	+6	SW	1	bc	39	95	6	5	-	-	2·3	2·3	2500	1	*
1013·4	0	WSW	1	cF	32	95	1	5	-	-	9	9	4000	1	*
1013·5	x	NW	4	c	49	85	7	5	-	-	10	10	1500	1	3
1012·9	-4	NE	2	dodo	47	95	4	5	-	-	10	10	450	1	2
1012·2	+2	W'S	3	ds	50	95	3	5	-	-	10	10	800	1	2
1012·3	-2	SW'W	3	c	50	95	6	5	-	-	9+	9+	1500	1	2
1014·4	-2	-	0	0	48	95	7	5	-	-	10	10	2500	1	2
1010·2	-2	S'E	4	dodo	49	95	4	5	-	-	10	10	1500	1	2
1010·8	0	S'E	3	c	48	95	8	5	-	-	9	9	4000	1	1
1013·2	+4	S'E	2	c	35	95	6	5	3	-	2·3	7·8	2500	1	*
1013·0	0	SSW	3	bc	42	85	8	4	3	-	1	2·3	4000	1	*
1013·4	+12	S	1	c3o	41	95	5	5	-	-	10	10	2500	1	*
1013·2	+6	SW	1	b	36	95	7	-	4	-	0	1	-	1	*
1012·5	+6	-	0	c	44	95	6	-	2	-	0	10	-	0	1
1013·2	+14	-	0	bc	31	95	8	-	4	1	0	4·6	-	4	*
1012·4	+8	W	2	bc	38	95	6	2	-	1	4·6	4·6	2500	1	1
1012·2	+4	E	1	if	40	95	2	5	-	-	10	10	800	1	1
1012·1	+10	-	0	c	32	95	5	5	2	-	4·6	9	1500	1	*
1011·2	+6	-	0	cs	34	95	2	-	3	1	0	9	-	1	*
1012·6	+4	-	0	s	37	95	2	.	.	.	10	10	<150	1	*
1007·2	0	SSE	5	c/d	48	95	7	5	7	-	4·6	7·8	2500	1	3
1007·6	+2	SSW	2	c	48	75	7	8	6	-	4·6	9+	1500	1	1
1011·4	+4	SW	1	c	39	95	8	5	1	-	2·3	9	2500	1	*
1012·0	+4	WNW	1	bc	35	95	7	3	-	-	2·3	2·3	4000	1	1
1010·3	+12	SSE	3	bc	45	95	8	5	1	-	2·3	2·3	1500	1	2
1012·5	+16	SSW	3	c	46	95	7	8	7	-	7·8	9	1500	0	*
1004·4	-8	SSE	6	q	50	95	7	9	-	-	10	10	450	1	4
1006·1	-4	S	4	c	48	95	7	5	-	-	9+	9+	1500	0	1
1009·7	-2	SE	2	id	46	95	6	5	-	-	10	10	450	1	*
1009·0	0	WSW	1	c	47	95	7	5	2	-	4·6	7·8	1500	0	1
1007·9	-4	S	1	c	48	95	8	8	-	-	7·8	7·8	2500	1	*
1006·3	-16	S'E	5	ic	51	95	6	5	-	-	10	10	800	1	4
1009·8	-6	S	2	c	50	95	8	8	-	-	7·8	7·8	1500	1	3

PAST 24 HOURS.

Tempebature. 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 Yesterday Hrs. (36)
51	37	28	0·5	Tr	1·5
50	37	31	1	Tr	0·3
52	30	22	0·6	-	2·3
50	34	25	0·4	-	4·5
52	34	27	Tr	-	5·5
49	37	31	0·1	0·2	0·3
49	41	40	Tr	Tr	0·0
51	37	34	-	Tr	0·3
50	43	41	-	-	0·4
48	45	44	-	0·1	0·0
49	34	31	0·4	Tr	0·9
49	37	26	0·1	-	2·1
49	37	29	0·4	-	*
50	32	23	-	-	4·5
52	44	*	-	-	*
52	45	39	0·2	1	3·7
52	49	*	-	1	*
52	49	*	-	1	4·8
52	48	43	Tr	-	1·8
53	44	*	-	1	4·6
50	46	39	-	-	2·9
49	34	29	2	-	0·3
48	41	39	0·2	-	0·7
50	40	30	0·1	0·1	0·3
48	36	30	-	-	0·1
47	43	*	-	-	1·6
49	31	25	Tr	-	0·1
48	30	22	-	-	2·3
52	33	27	1	0·1	1·3
48	34	31	-	Tr	1·8
48	46	38	0·5	Tr	1·2
45	43	*	0·1	-	1·2
45	33	28	0·1	Tr	0·8
41	30	27	-	Tr	0·0
45	36	*	-	-	*
48	45	*	1	-	0·0
51	40	*	-	1	*
50	42	*	-	-	1·1
48	39	34	-	Tr	3·9
50	38	*	-	-	*
49	45	42	-	0·5	3·6
51	50	48	1	3	0·0
51	49	*	0·1	1	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. Morning. (34 hrs. ended 9h.)	Weather. Afternoon. (34 hrs. ended 9h.)	Weather. Night. (34 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (To-day.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	c3o	bccmo	cmmbcmw	51	37	28	0·5	Tr	1·5	*	*	1
Croydon	217	cfmo	crbcc3o	cmbcmw	50	37	31	1	Tr	0·3	*	*	4
Greenwich (Royal Observatory) ...	149	cpmo	cmo	cbfs	51	34	29	Tr	Tr	0·0	75	98	3
City (Bunhill Row)	—									0·1	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	52	37	32	Tr		0·4	73	96	*
Regents Pk. (Botanic Gardens) ‡...	168	*	*	*	50	37	31	-	-	0·3	77	96	*
Camden Square	110			*	50	38	30	Tr	-	*	*	94	*
Kensington	80	cp	c	*	51	37	28	Tr	-	0·7	At 18h. 83	94	*
Hampstead Observatory	450	bc	bccpbc	*	49	35	30	0·1	-	0·8	*	98	*
		cp	cp	bc									

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

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

Kew Observatory. Max.	Time.	Min.	Time.
0·3	21h 20m	0·1	0h 21st

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 20th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 21st December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1008·9	W	4	c/pr	50	1014·2	W	2	bc	41
Brussels	1006·9	WSW	3	3o	46	1011·0	W	3	3o	46
Berlin	1010·8	SE	2	3o	45	1015·3	SE	2	3o	41
Zürich	1013·1	WSW	1	1c	43	1015·5	SSE	1	rr	39
Rome	1006·1	-	0	bc	46	1006·9	NE	1	c	39

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
50	41	1	Tr
	45	-	4
45	41	-	-
45	39	1	6
*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† The observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 22nd December 1934.

No. 26.693

OBSERVATIONS at 13h. G.M.T. 21st 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)	1014·6	-4	W	1	cf	43	85	3	-	5	-	0	7·8	-
	Croydon	1014·9	-6	-	0	bcf	45	85	3	-	3	9	0	4·6	-
	S. Farnborough	1014·3	-10	-	0	3₀	47	75	5	-	4	-	0	1	-
	Boscombe Down	1014·3	-6	ESE	1	3₀	43	95	6	5	-	-	9	9	5700
	Calshot, S'thmtn	1014·7	-4	-	0	c₀	43	95	2	5	3	-	4·6	7·8	4000
	Lympne	1014·9	+2	NW	2	3₀	45	85	5	-	-	-	0	Tr	-
	Munston	1014·2	+2	WNW	3	6	45	85	5	-	-	-	9+	9+	1500
2	Shoeburyness	1014·8	+4	NNW	1	0f	43	95	2	5	-	-	10	10	450
	Felixstowe	1014·4	+4	NNW	2	3₀	46	95	5	5	-	-	9+	9+	800
	Gorleston	1013·4	0	NW	2	c	43	95	5	-	-	-	9	9	2500
	Cranwell	1014·3	-2	-	0	3₀	43	95	5	-	-	9	Tr	2·3	5700
3	Birmingham	1013·7	+2	SSW	1	m	44	85	4	6	3	-	4·6	7·8	2500
	Upper Heyford	1014·4	-6	SW	1	3₀	47	75	6	-	3	9	0	2·3	-
4	Ross-on-Wye	1013·3	-4	SSE	1	3₀	42	95	5	-	7	-	0	9+	-
5	Portland Bill	1013·5	+	NW	3	0	50	95	7	5	-	-	10	10	1500
	Plymouth	1012·4	-6	S	1	fg	51	95	5	5	-	-	9+	9+	220
	The Lizard	1012·2	-4	SW	3	c	51	95	4	4	-	-	9	10	1500
	Scilly (St. Mary's)	1011·2	-8	S	4	c/d	51	95	7	5	-	-	9+	9+	1500
	Guernsey	1014·3	-2	SW	3	10	50	95	8	5	-	-	10	10	2500
6	Pembroke	1010·6	-4	SSW	2	c	50	95	6	5	2	-	2·3	10	1500
7	Holyhead	1011·1	-4	SE	3	cr₀	50	85	6	5	-	-	10	10	800
	Chester (Sealand)	1013·4	-2	SE'S	3	c	45	85	5	5	-	-	9+	9+	5700
8	L'pool (Bidston)	1013·0	0	SSE	3	c	45	85	5	5	-	-	4·6	7·8	2500
	Manchester	1013·8	-2	SE	3	bcf	43	95	5	-	3	9	Tr	2·3	2500
9	Harrogate	1013·8	0	S	1	b	45	85	(6)	5	5	9	Tr	1	1500
10	Spurn Head	1014·0	+2	-	0	m	44	95	4	5	2	-	7·8	9+	800
	Catterick	1014·0	-2	-	0	bc	44	75	6	-	4	-	0	2·3	-
	Tynemouth	1013·5	0	W	2	bcf	42	95	2	4	-	-	4·6	4·6	4000
11	Inchkeith	1013·4	+16	NE	2	f	39	95	1	5	-	-	10	10	800
	Leuchars	1013·6	+6	NW	1	f	39	95	2	5	-	-	10	10	450
12	Renfrew (Abbotsl.)	1012·5	+2	SW	1	cf	33	95	1	-	3	-	0	7·8	-
	Eskdalemuir	1013·2	-2	-	0	c	40	95	6	5	7	-	7·8	9	220
13A	Tiree	1007·9	+2	SE'E	6	0	49	95	6	5	-	-	10	10	1500
13B	Stornoway	1008·3	0	SE	3	c	49	75	9	5	7	-	4·6	7·8	2500
15	Dalwhinnie	1012·1	+4	S	4	c	39	85	7	4	2	-	2·3	7·8	800
	Aberdeen	1013·6	+6	S	2	of	45	85	3	5	-	-	10	10	2500
	Wick	1011·5	+4	SSE	4	bc	46	95	7	5	1	-	2·3	4·6	1500
16	Lerwick	1014·6	+10	S'E	4	c	47	95	6	5	2	-	4·6	9+	800
17	Blacksod Point	1003·8	-6	ESE	3	c	50	95	8	5	-	-	10	10	800
18	Malin Head	1005·4	-8	S'E	4	c	50	85	7	4	4	3	2·3	9+	1500
	Aldergrove	1009·0	-6	SE'S	4	c	50	95	7	5	-	-	9+	9+	450
	Donaghadee	1010·2	+6	S'E	3	c/d	48	95	7	6	-	-	9+	9+	1500
19	Birr Castle	1007·7	-4	SW	1	c	51	95	8	8	-	-	9+	9+	2500
20	Valentia Obsy.	1004·4	-14	SE'E	5	cd	52	95	6	5	-	-	10	10	450
	Roches Point	1008·9	-6	SW	4	cd	51	95	6	5	-	-	10	10	800

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

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)
1014·8	0	ESE	1	bcf	38	95	0	-	3	-	0	4·6	-	1	*
1014·8	-2	ESE	1	cf	41	95	3	-	3	-	0	9	-	1	*
1014·3	-4	SE	1	bcf	39	95	3	-	3	-	0	4·6	-	1	*
1013·6	-2	E'S	2	3₀	43	95	5	5	-	-	9+	9+	1500	1	*
1014·1	-2	ENE	2	3₀	46	95	6	5	3	-	4·6	9	5700	1	1
1015·2	+2	NNW	2	2/f	41	95	4	5	3	-	0	1	-	1	1
1014·6	+4	WNW	2	cf	43	95	3	5	-	-	10	10	1500	1	*
1014·6	+2	-	0	c F	42	95	1	5	-	-	9+	9+	2500	1	*
1014·7	+2	WNW	2	3₀	45	95	5	5	-	-	10	10	800	1	1
1014·1	+4	NW	1	3₀	48	95	5	5	-	-	10	10	1500	1	1
1015·0	+2	E'S	1	cf	42	95	3	5	-	-	10	10	2500	1	*
1013·5	-4	SE	1	c	43	95	6	-	3	-	4·6	9	5700	1	*
1014·4	-2	E'N	2	3₀	38	95	5	5	3	-	7·8	9+	4500	1	*
1012·8	-4	SE'E	1	pr₀	45	95	5	5	-	-	10	10	1500	1	*
1012·3	*	S	3	rr	51	85	7	5	-	-	10	10	1500	1	2
1011·0	-6	S'W	2	d₀d₀	50	95	5	5	-	-	10	10	450	1	2
1010·0	-6	SSE	3	bc	51	95	8	5	3	-	2·3	4·6	2500	1	2
1008·7	-12	S	4	cd₀	51	95	7	8	7	-	7·8	9+	1500	1	2
1012·6	-8	S'E	3	rr	50	95	6	8	-	-	10	10	1500	1	0
1008·6	-6	SSE	3	c	50	95	6	5	-	-	10	10	1500	1	1
1010·5	+2	S'E	3	o/r	49	95	8	5	-	-	10	10	800	1	1
1012·8	-2	SE'S	2	3₀	45	85	5	5	-	-	10	10	4000	1	*
1012·3	*	SSE	2	c	44	85	6	5	-	-	4·6	9+	1500	1	*
1013·3	0	SE'E	3	cf	44	85	3	5	-	-	9	9	4000	1	*
1014·2	0	-	0	c	39	95	5	5	3	-	1	9+	2500	1	*
1014·7	+2	-	0	cf	45	95	3	5	2	-	4·6	9+	450	0	1
1014·5	+4	-	0	3₀	36	95	5	-	5	-	0	4·6	-	1	*
1013·9	+2	SSE	2	bc	45	95	6	5	-	-	2·3	2·3	1500	1	1
1014·3	+2	NE	1	cf₀	40	95	5	5	-	-	4·6	4·6	1500	1	1
1013·9	+4	-	0	F	38	95	1	5	-	-	10	10	450	1	*
1012·2	+2	ENE	3	m	40	95	4	5	-	-	10	10	4000	1	*
1013·4	+2	N	2	c	37	95	7	-	3	-	0	7·8	-	1	*
1007·7	+2	ESE	6	0	48	95	6	5	-	-	10	10	1500	1	4
1008·4	+2	SE	4	c	49	85	9	5	-	-	7·8	7·8	2500	1	2
1012·3	0	S	3	c	38	95	6	4	7	-	2·3	7·8	1500	1	*
1014·6	+6	SSE	2	m	46	85	4	5	-	-	9+	9+	2500	1	1
1012·0	+4	SSE	6	c	46	95	8	8	1	8	4·6	7·8	1500	1	3
1015·7	+10	SSE	4	c	47	95	7	5	7	-	7·8	9+	800	0	*
1002·1	-8	E	2	c	51	95	8	5	-	-	9+	9+	800	1	3
1006·0	+6	S'E	3	c/pr	49	95	7	8	-	-	9+	9+	1500	1	1
1008·8	-2	SE'S	4	c	49	95	7	5	-	-	9+	9+	450	1	*
1010·0	-2	SSE	3	d₀d₀	48	95	7	6	-	-	10	10	800	1	2
1005·7	-8	SW	1	c	51	95	8	8	-	-	7·8	7·8	2500	1	*
1002·5	-4	S'E	5	dd	51	95	5	5	-	-	10	10	450	1	4
1006·8	-8	SE	5	cd	51	95	6	5	-	-	10	10	800	1	4

PAST 24 HOURS.

Weather. 7h.–13h. 21st (37)	13h.–18h. 21st (38)	18h. 21st to 1h. 22nd (39)	1h.–7h. 22nd (40)
Ffbc	bcfFF	ofebF	oFF
bcwxm₀bf	bcccffe	cbcbmfcw	bfxc§§
bfbm	bbcmcf	bc§c§bf§x	b§ofe
bfcm	ccr₀m₀	cm₀	cm₀
bffbcfe	cf§cm₀	bcm₀c	c
bmbcm₀	bm₀fw	bwebef	bcFc§
cm₀	om₀f	c§bc§bm	bccm
bccomf	fFF	c§§	F§
c3₀cm₀	cm₀	cm₀bm	bm§§e
cmm	cmo3	cmc3₀	c3₀
Ffeb	bm₀c§	go§	oF
bbc	bcc	c	cbm
bbcm₀	bccbm₀	bcc§	cbcoF
ccfcm	cmd₀cm₀	rom₀id₀	cm§
co	crrr	oiY	oirdd
od₀d₀mc	cod₀d₀m₀	od₀d₀m₀	orrcd₀d₀
dcfc	pr₀bc	bcpd₀	cpd₀
ccd₀	ccd₀m	cid₀	cd₀rr
ccd₀r	ccr	oiY id	oidrr
cfd₀d₀mc	cd₀c	eid₀c	cq₀m₀c
d₀Dc	cr₀c	cYoC	r§o§c
bccm₀	cm₀	cm₀sp	cm₀bc
cmbcm₀	cm₀c	cc₀d₀	c
cbcFF	bcm₀c§	c§m	cmm₀
b	bbcc	co§	oFF
fmc	cm§	cm§§s	F§cw
x§bcm₀	bcm₀w	bcomw§	o§wF
bcff	bcff	bccc	oc
c§F	oFFe	fif€3₀	3₀cbc
cxm§F	Fe§Fe	Fcmm₀	cr₀wcm₀
x§bcF	F§fcm	mbccm₀	cr₀cr₀
ff§cm₀	c§bc	bcc	c
bc	om₀cd₀	om₀	m₀id₀
c	c	c	c
bcc	bcc	•	c
bwcff	c§c3	c3₀	c3₀
bc	bcc	c	c
cm₀	cm₀bcc	cm₀	cm₀
cd₀	cd₀c	ID	iD
c	c	cpr.	c
od₀r₀r₀c	ccd₀c	cor	oddm
cid₀	od₀d₀	od₀d₀	od₀d₀
c	c	coid₀	oid₀
cr₀dd	r₀r₀dd	oddrr	orr
coid₀	coid	oidc	codd

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

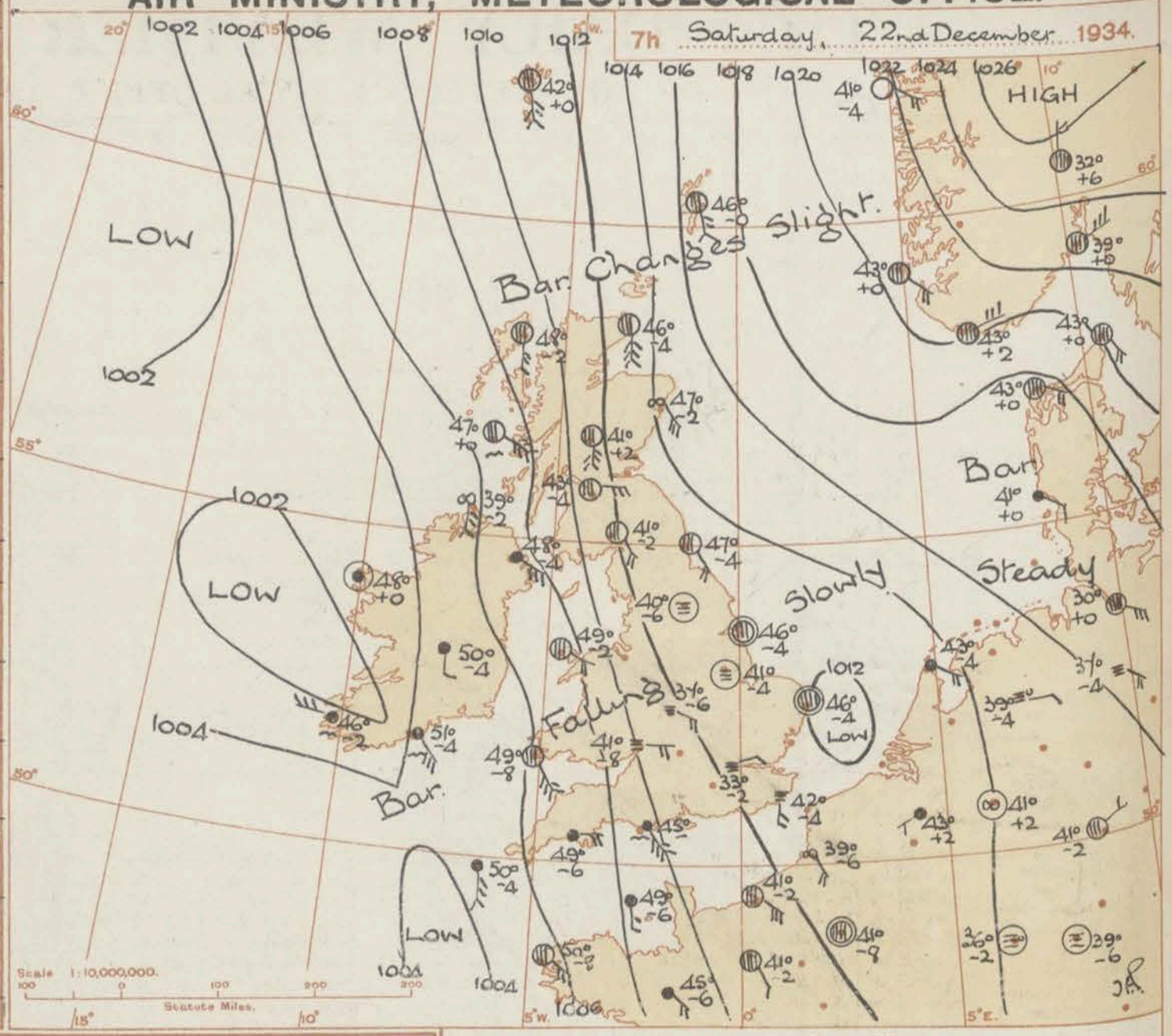
REPORTS from HEALTH RESORTS for 21st December 1934

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 20th to 9h. 21st	Temperature. Max. 9h.—17h. 21st	Rainfall. Night. 17h. 20th to 9h. 21st	Rainfall. Day. 9h.—17h. 21st	Sunshine. Sunrise to Sunset. 21st.
1	Tunbridge W.	mbc	bc	31	45	-	-	4·4
	Bournemouth	o	o	33	49	-	-	0·0
	Ventnor ...	xb	cu	42	51	-	-	3·6
	Southsea ...	bf	bbcm$_o$	35	48	-	-	4·1
	Bognor Regis	bbcb	b	36	49	-	-	6·7
	Littlehampton	bc	bcc	33	50	-	-	5·3
	Worthing ...	b	b	36	50	-	-	6·1
	Brighton ...	fb	bf	39	48	-	-	4·7
	Eastbourne†	bbc	bccm	40	47	-	-	2·9
	Hastings† ...	b	bbcc	38	48	0·2	-	4·2
	Folkestone ...	bc	bc	38	48	0·1	-	4·2
	Dover... ...	mbbcc	mcbcof	41	49	0·2	-	4·0
	Deal	fobc	f	39	46	-	-	0·4
	Ramsgate ...	cb	cb	40	46	-	-	0·2
	Margate ...	c	c	42	46	-	-	0·2
2	Southend ...	bofb	bof	37	44	0·2	-	1·6
	Maldon ...	mc	com	38	45	-	-	0·0
	Clacton-on-Sea	bccm	cm	38	47	-	-	0·0
	Dovercourt ...	oc	moc	42	45	-	-	0·0
	Lowestoft ...	c	c	44	49	-	-	0·0
	Skegness ...	o	om$_o$	40	47	-	-	0·0
	Mablethorpe	om$_o$	om	42	46	-	-	0·0
	Cleethorpes ...	cf	cm	41	46	-	-	0·3
3	Leamington S.	fobc	c	31	41	-	-	0·7
4	Cheltenham†	bcxc	cop$_o$	32	47	-	Trace	0·6
5	Bath	mc	ocr	31	46	-	0·5	0·0
	Weymouth ...	c	dcpc	42	51	-	0·5	0·0
	Jersey ...	pcd	d	48	50	Trace	2	0·0
	Torquay ...	pcod$_o$	oddm$_o$	43	52	0·5	0·4	0·0
	Penzance ...	mcdc	cbcc	49	53	1	Trace	0·5
	St. Ives ...	d	c	48	53	1	0·3	0·4
	Bude	dod	do	46	51	0·3	1	0·0
	Ilfracombe ...	o	o	47	51	0·5	-	0·0
6	Aberystwyth	oc	dc	43	50	-	1	0·0
7	Llandudno ...	cbc	c	41	50	-	-	1·0
	Colwyn Bay...	bccbc	bccbo	41	52	-	~~(Trace)~~	0·8
	Rhyl	bbc	bcc	39	50	-	-	0·9
8	Wallasey ...	o	o	41	46	-	-	0·0
	Southport‖ ...	bcc	co	39	47	0·1	-	0·6
	Blackpool ...	ofc	o	40	45	-	-	0·0
	Morecambe ...	cbc	c	38	47	Trace	-	0·5
9	Ilkley... ...	omgof	f	36	(47)	-	-	0·0
10	Berwick-on-T.	bbc	cbcb	32	43	-	-	1·3
11	Dunbar ...	bcx	bcm$_o$	35	48	-	-	4·8
12	Troon... ...	bcc	cbfc	40	46	-	-	0·0
	Douglas ...	om$_o$cd	om$_o$cd	41	49	Trace	0·3	0·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Saturday, 22nd December 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 22nd December, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Light variable or southeast wind; widespread fog, persisting locally; cloudy elsewhere; average temperature or rather cold.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Moderate southeast or south wind; dull; occasional rain or drizzle; mild.
10. N.E. England 11. S.E. Scotland	Light southeast wind; mainly cloudy; average temperature.
12. S.W. Scotland & Isle of Man 13. A. W Scotland. B. N.W. Scotland.	As 5 - 9.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Moderate south to southeast wind; mainly cloudy; average temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light variable or southerly wind, freshening after midnight; cloudy or dull; occasional rain or drizzle becoming continuous 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 3/10 clouded. ◑Sky 4/10 to 5/10 clouded. ◕Sky 6/10 to 9/10 clouded. ●Overcast sky. ●Rain falling. ✳Snow. ✳Sleet ▲Hail ≡Fog. ≡Mist. ϒThunder. ϒThunderstorm. ∞Slight haze.
Sea Disturbance. ~~Rough. ≈High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A series of shallow depressions extends from the Bay of Biscay to Western Iceland and pressure is high over Northern Scandinavia. A large intense depression is moving eastwards across the Atlantic. Weather will be mild and dull with intermittent rain in the west but fog will clear relatively slowly in the East.

FURTHER OUTLOOK.

Cloudy; mild with rain in western districts; average temperature in eastern districts.

Forecasts issued at 1000G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

Morning of
SATURDAY
DECEMBER 22nd
1934.

Clarke's Projection Scale 1:4 x 10⁷ along meridian at 55°N.
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 22nd December 1934.

No. 26,693

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

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	1014·1	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1014·2	−6	—	0	Tr	32	95	1	—	—	—	—	0	—
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1013·9	−10	—	0	Tr	37	95	2	5	—	—	2-3	2-3	7200
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1013·2	−6	NW'W	1	3ₒ	46	95	5	5	—	—	10	10	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1010·0	·	SE	4	4	56	95	7	5	—	—	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1007·8	−10	SE'S	4	c	50	95	7	5	—	—	7-8	10	2500
	Scilly (St. Mary's)	163	1006·6	−8	SSE	4	c	51	95	7	5	—	—	7-8	9+	2500
	Guernsey	175	1010·7	−18	SSE	3	d	50	95	6	6	—	—	10	10	1500
6	Pembroke	142	1005·4	−6	SE	4	c	50	95	7	5	2	—	4-6	10	2500
7	Holyhead	26	1009·2	−8	SE	2	c/r	48	95	6	5	—	—	10	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1014·3	0	—	0	Tr	44	95	0	5	7	—	7-8	10	<150
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1014·0	0	S	1	0	46	95	6	5	—	—	10	10	1500
11	Inchkeith	190	1014·7	0	SE	2	c	41	95	6	5	3	—	4-6	7-8	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1008·7	−2	SE	1	C	47	95	7	5	7	—	7-8	7-8	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1003·2	+2	SSE	6	C	46	95	8	8	1	—	7-8	9+	1500
16	Lerwick	156	1016·5	+2	SE'S	4	C	47	85	6	5	1	—	7-8	10	1500
17	Blacksod Point	18	1002·3	0	—	0	C	49	95	7	6	—	—	10	10	800
18	Malin Head	52	1005·0	−4	S'E	4	C	50	85	7	8	—	—	9+	9+	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1003·1	0	WSW	4	T+	50	95	5	5	—	—	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 22nd 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)	Cloud. Form. Med. (24)	Cloud. Form. High (25)	Cloud. Amount. Low. 0-10 (26)	Cloud. Amount. Total 0-10 (27)	Cloud. Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	1012·0	−4	E	2	F	39	95	1	·	·	·	10	10	<150	1	*
	Croydon	1013·1	−2	E'N	1	c§	33	95	3	—	3	—	0	9+	—	1	*
	S. Farnborough	1011·4	−8	SE'S	1	F	34	95	1	·	·	·	10	10	<150	1	*
	Boscombe Down	1010·2	−4	E	2	3ₒ	40	95	5	5	—	—	10	10	2500	1	*
	Calshot, (S'thmtn)	1010·5	−6	ESE	4	c	47	95	7	5	3	—	7-8	9+	2500	1	2
	Lympne	1012·6	−4	S	2	c§	42	95	3	5	—	—	10	10	800	1	§1
	Manston	1012·0	−6	WSW	2	3ₒ	42	95	5	5	—	—	10	10	1500	1	*
2	Shoeburyness	1012·2	−4	—	0	F	42	95	R1	·	·	·	10	10	<150	1	*
	Felixstowe	1012·2	−8	WNW	2	5	44	95	3	·	·	·	10	10	<150	1	0
	Gorleston	1012·0	−4	—	0	c	46	95	6	6	—	—	10	10	1500	R1	1
	Cranwell	1012·7	−4	—	0	F	41	95	1	·	·	·	10	10	<150	1	*
3	Birmingham	1011·8	−6	ESE	2	F	37	95	1	·	·	·	10	10	<150	1	*
	Upper Heyford	1011·6	−8	ESE	2	5	35	95	2	·	·	·	10	10	<150	1	*
4	Ross-on-Wye	1010·1	−8	E	2	c§	41	95	3	5	—	—	9+	9+	4000	1	*
5	Portland Bill	1008·0	*	SE	5	dd	49	95	7	5	—	—	10	10	1500	1	4
	Plymouth	1007·1	−6	E	2	idₒ	49	95	7	5	—	—	9	9	1500	1	2
	The Lizard	1006·4	−4	SE'S	3	C	50	95	8	8	—	—	9+	9+	2500	1	2
	Scilly (St. Mary's)	1005·1	−4	S'E	4	r.c.	50	95	7	6	—	—	9+	9+	1500	1	2
	Guernsey	1008·6	−6	S	2	r.c.	49	95	6	6	—	—	10	10	1500	2	2
6	Pembroke	1005·5	−8	SE	5	C	49	95	6	5	—	—	10	10	1500	1	1
7	Holyhead	1007·8	−2	ESE	2	C	49	95	7	5	—	—	10	10	1500	1	1
	Chester (Sealand)	1011·1	−6	SE	2	3ₒ	39	95	5	5	—	—	4-6	4-6	2500	1	*
8	L'pool (Bidston)	1010·7	−8	SSE	4	C	42	95	6	5	3	—	2-3	9	2500	1	*
	Manchester	1011·7	−4	SE'E	3	3ₒ	43	85	5	5	3	—	2-3	9	7200	1	*
9	Harrogate	1012·9	−6	—	0	F	40	95	1	·	·	·	10	10	<150	1	*
10	Spurn Head	1012·5	−4	—	0	0	46	95	6	5	—	—	10	10	800	1	1
	Catterick	1013·1	−4	—	0	oF	37	95	1	5	—	—	10	10	800	1	*
	Tynemouth	1012·5	−4	SSE	2	C	47	95	7	4	—	—	7-8	7-8	4000	1	1
11	Inchkeith	1012·8	0	E	2	bc	43	95	7	5	4	—	4-6	4-6	2500	0	1
	Leuchars	1013·0	−2	—	0	C	43	95	5	5	—	—	9+	9+	2500	1	*
12	Renfrew (Abbotsl)	1011·4	−4	E'N	3	c/r.	43	95	5	5	—	—	9+	9+	2500	1	*
	Eskdalemuir	1012·0	−2	SE	2	C	41	75	7	5	—	—	9+	9+	2500	1	*
13A	Tiree	1006·9	0	ESE	6	C	47	75	7	5	—	—	9+	9+	2500	0	4
13B	Stornoway	1008·3	−2	SSE	3	C	48	85	7	5	2	—	9	10	1500	1	2
15	Dalwhinnie	1011·6	+2	S	5	C	41	75	7	6	2	—	4-6	10	1500	1	*
	Aberdeen	1014·4	−2	SE'S	3	3ₒ	47	85	6	5	—	—	9+	9+	1500	1	1
	Wick	1012·4	−4	S	6	C	46	95	8	5	3	—	4-6	7-8	1500	1	3
16	Lerwick	1016·4	0	SSE	4	C	46	95	7	5	7	—	4-6	9+	800	0	*
17	Blacksod Point	1002·3	0	—	0	DD	48	95	7	6	—	—	10	10	450	1	3
18	Malin Head	1005·4	−2	S'E	4	3ₒ	49	95	6	8	—	—	10	10	800	0	1
	Aldergrove	1007·6	−4	ESE	3	d.d.	48	95	5	5	—	—	10	10	450	1	*
	Donaghadee	1007·9	−4	SSE	4	DD	48	95	6	6	—	—	10	10	800	1	2
19	Birr Castle	1004·1	−4	S	1	idₒ	50	95	7	6	—	—	10	10	2500	1	*
20	Valentia Obsy.†	1002·1	−2	NW'W	3	rr	46	95	5	5	—	—	10	10	450	1	4
	Roches Point	1004·6	−4	SE	3	dd	51	95	6	5	—	—	10	10	800	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 21st Hrs. (36)
1	London (Kew)	45	34	28	-	Tr	3.2
	Croydon	45	31	29	Tr	Tr	2.9
	S. Farnborough	47	29	24	-	Tr	5.4
	Boscombe Down	45	39	38	0.1	-	1.5
	Calshot, (S'thmtn)	48	44	42	-	-	1.7
	Lympne	46	36	25	Tr	Tr	5.2
	Manston	45	34	29	-	Tr	0.4
2	Shoeburyness	44	39	36	-	-	0.3
	Felixstowe	46	37	33	-	Tr	0.0
	Gorleston	49	44	43	-	-	0.0
	Cranwell	46	40	40	0.1	-	3.3
3	Birmingham	46	36	35	-	-	2.4
	Upper Heyford	47	32	30	-	0.1	*
4	Ross-on-Wye	45	40	39	Tr	1	0.0
5	Portland Bill	52	49	*	2	2	*
	Plymouth	52	48	47	1	1	0.0
	The Lizard	52	49	*	0.5	0.3	*
	Scilly (St. Mary's)	53	49	*	0.4	0.2	0.2
	Guernsey	51	49	49	2	7	0.0
6	Pembroke	(50)	(49)	*	0.3	0.2	0.0
7	Holyhead	50	47	46	1	1	0.0
	Chester (Sealand)	45	39	33	-	-	0.0
8	L'pool (Bidston)	45	41	40	-	Tr	0.1
	Manchester	48	42	39	-	-	1.2
9	Harrogate	45	37	33	-	-	3.5
10	Spurn Head	47	44	*	-	Tr	0.0
	Catterick	45	35	33	-	-	4.0
	Tynemouth	45	45	39	-	-	*
11	Inchkeith	41	39	31	0.1	Tr	0.0
	Leuchars	39	37	30	0.2	0.1	0.0
12	Renfrew (Abbotsl)	40	39	37	0.1	0.4	0.0
	Eskdalemuir	41	36	36	-	-	1.2
13A	Tiree	49	45	44	Tr	Tr	0.0
13B	Stornoway	50	45	*	-	-	0.1
15	Dalwhinnie	39	37	35	Tr	Tr	0.8
	Aberdeen	46	45	41	-	-	0.0
	Wick	47	44	*	-	-	*
16	Lerwick	47	45	*	-	-	0.0
17	Blacksod Point	52	43	*	Tr	7	*
18	Malin Head	51	48	*	Tr	Tr	0.0
	Aldergrove	50	47	46	1	1	0.0
	Donaghadee	50	45	*	1	2	*
19	Birr Castle	51	49	47	-	0.2	0.3
20	Valentia Obsy.†	52	45	44	6	24	0.0
	Roches Point	52	50	*	0.4	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. (34 hrs. ended 9h.)	Weather. Afternoon. (34 hrs. ended 9h.)	Weather. Night. (34 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	Fgbc	bc§FF	oFebofF	45	34	28	-	Tr	3.2	*	*	1
Croydon	217	bcwxrabfg	bccfge	cbcbgFxcf	45	31	29	Tr	Tr	2.9	*	*	2
Greenwich (Royal Observatory)	149	bge	bcge	fefefe	40	32	29	Tr	0.3	0.0	91	100	1
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park)	27	*	*	*	45	37	34	-	-	0.0	92	99	*
Regents Pk. (Botanic Gardens) †	168	*	*	*	45	37	33	-	-	0.0	92	100	*
Camden Square	110	c§	c§	*	43	37	35	Tr	Tr	*	*	100	*
Kensington	80	bc3ₒ	bc§	*	45	38	30	-	-	0.0	At 18h. 95		*
Hampstead Observatory	450	bc	bc	o§	45	34	32	-	0.2	2.0	91	98	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

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

Kew Observatory. Max.	Time.	Min.	Time.
1·8	22h 21st	0·2	8h 21st

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 21st December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 22nd December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1015·8	—	0	§	43	1012·3	—	0	0	41
Brussels	1013·9	WSW	2	0	45	1013·1	SW	1	d§	43
Berlin	1018·2	ESE	2	m	39	1018·9	SSE	2	§	34
Zurich	1018·3	SSE	1	0	41	1014·7	NE	2	0	39
Rome	1007·7	N	2	bc	46	1009·1	N	1	b	37

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
46	41	-	
46	43	1	5
41	34	-	Tr
41	39	2	
*	*	—	—

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.
Objects not visible at

0	Dense fog	55	yards.
1	Thick fog	220	,,
2	Fog	550	,,
3	Moderate fog	1,100	,,
4	Mist or haze	1¼	miles.
5	Poor visibility	2½	,,
6	Moderate ,,	6½	,,
7	Good ,,	12½	,,
8	Very good ,,	31	,,
9	Excellent ,,	beyond 31m.	

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, 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 9h. § Sea disturbance reported from Dungeness

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 23rd December 1934.

No. 26.694

OBSERVATIONS at 13h. G.M.T. 22nd 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)	1010·6	-1·6	E	3	of-	43	85	3	5	-	-	10	10	1500
	Croydon	1011·9	-6	ENE	2	3₀	42	95	5	5	2 3	-	4·6	9+	800
	S. Farnborough	1010·3	-1·4	E'N	2	m/f	41	95	4	4	-	-	9	9	4000
	Boscombe Down	1009·6	-6	E'S	3	3₀	44	95	6	5	-	-	4·6	7·8	2500
	Calshot, S'thmtn	1009·6	-6·0	E	4	c	47	85	7	5	-	-	7·8	9+	1500
	Lympne	1012·1	-6·5	SSE	3	3₀	42	85	6	5	-	-	9	9	1500
	Manston	1011·5	-6	S	3	3₀	43	85	6	5	-	-	9+	9+	1500
2	Shoeburyness	1011·7	-6	S	1	c	43	95	6	5	2	-	7·8	9+	4000
	Felixstowe	1011·7	-4	WSW	2	m	44	95	4	5	-	-	9+	9+	800
	Gorleston	1011·1	-4	E'N	2	c	47	95	6	8	-	-	9+	9+	2500
	Cranwell	1011·7	-8	-	0	f	41	95	-	8	-	-	10	10	150
3	Birmingham	1010·6	-8	ESE	2	of-	41	95	3	5	-	-	10	10	800
	Upper Heyford	1010·4	-1·4	E	1	m/f	40	95	4	5	-	-	10	10	450
4	Ross-on-Wye	1009·2	-8	E'N	3	m	42	95	4	5	8	-	4·6	9	4000
5	Portland Bill	1007·3	*	SE	4	r	49	95	7	5	-	-	10	10	1500
	Plymouth	1006·5	-6·5	SE	3	c	53	95	7	8	3	6	4·6	9	1500
	The Lizard	1005·5	-4	SE	4	c	51	95	8	8	7	-	4·6	7·8	2500
	Scilly (St. Mary's)	1004·2	-6	SE'S	4	c	51	95	7	8	2	-	7·8	10	2500
	Guernsey	1008·2	-4	S	3	c	49	95	7	8	-	-	10	10	1500
6	Pembroke	1005·2	-4	SE	5	o/c	48	95	5	5	-	-	10	10	1500
7	Holyhead	1007·5	-8	E	1	c	48	85	6	5	-	8	9+	9+	2500
	Chester (Sealand)	1010·3	-1·0	SSE	3	3₀	45	85	5	5	3	1	0	9+	-
8	L'pool (Bidston)	1010·4	-6	SSE	3	3₀	44	85	6	5	3	-	2·3	7·8	2500
	Manchester	1010·7	-6	ESE	3	m	46	75	4	5	3	-	2·3	7·8	5700
9	Harrogate	1011·8	-6	-	0	f	42	95	-	5	-	-	10	10	150
10	Spurn Head	1011·7	-2	-	0	cf	47	95	3	5	2	-	7·8	10	150
	Catterick	1012·1	-6	-	0	o	42	95	5	5	-	-	10	10	800
	Tynemouth	1012·0	-2	SE	2	o	47	95	6	6	-	-	10	10	1500
11	Inchkeith	1013·9	-2	E	1	c	46	95	6	5	3	-	4·6	7·8	2500
12	Leuchars	1013·0	-6	ESE	1	c	46	95	6	5	3	-	7·8	9+	800
	Renfrew (Abbotsl)	1011·0	-6	NE'E	4	m	44	85	4	5	-	-	9+	9+	4000
	Eskdalemuir	1011·8	-8	NE'N	2	bc	41	85	6	5	-	-	4·6	4·6	2500
13A	Tiree	1007·5	0	ESE	6	c	46	85	7	5	2	-	7·8	9	2500
13B	Stornoway	1005·3	+4	SSE	2	c/pr	48	85	7	8	2	-	4·6	9+	1500
15	Dalwhinnie	1012·4	-2	S	2	bc	44	75	7	4	2	-	2·3	4·6	2500
	Aberdeen	1014·1	-4	SE	3	3₀	48	85	6	5	7	-	9+	10	800
	Wick	1013·5	+4	S	6	bc	47	95	8	5	-	-	2·3	2·3	1500
16	Lerwick	1016·9	0	S'E	4	c	47	85	8	5	8	-	4·6	7·8	1500
17	Blacksod Point	1002·2	0	-	0	r	46	95	7	6	-	-	10	10	450
18	Malin Head	1005·1	-6	S'E	4	3₀	49	95	6	5	-	-	10	10	1500
	Aldergrove	1007·6	-4	ESE	4	d₀	47	95	5	5	-	-	10	10	450
	Donaghadee	1008·2	+2	SE	4	r₀	48	85	7	6	-	-	9+	9+	800
19	Birr Castle	1004·1	0	SE	1	c	51	95	7	6	2	-	7·8	10	2500
20	Valentia Obsy.	1003·9	+6	-	0	c	47	85	9	8	-	-	9+	9+	4000
	Roches Point	1004·0	-6	SE	3	r	51	95	6	6	-	-	10	10	800

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

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)
1010·2	-4	E'S	3	m	43	85	4	5	-	-	10	10	1500	1	*
1011·2	-2	E'S	2	c	41	85	5	5	-	-	9+	9+	1500	1	*
1009·6	-4	E'N	2	3₀	42	85	6	5	-	-	10	10	2500	1	*
1008·8	-4	E	3	3₀	42	95	6	5	-	-	10	10	2500	1	*
1009·1	-2	E	5	pr₀	46	75	6	8	2	-	7·8	10	1500	1	3
1011·3	-2	SE	2	c	41	85	7	5	-	-	10	10	1500	1	5 2
1010·8	-4	SE	3	3₀	42	85	6	5	-	-	9+	9+	1500	1	*
1011·0	-4	SSW	2	c	42	95	7	5	-	-	9+	9+	4000	0	*
1011·4	0	-	0	3₀	43	95	5	5	-	-	9	9	1500	1	0
1010·8	0	-	0	c	45	85	6	5	-	-	10	10	2500	1	1
1010·9	-2	SE	2	m/f	43	95	4	5	-	-	10	10	220	1	1
1009·7	0	SE	2	m	40	95	4	5	-	-	10	10	800	1	*
1010·0	-6	E	1	of	38	95	3	5	-	-	10	10	450	1	*
1008·7	-4	E	2	3₀	41	85	5	5	-	-	10	10	800	1	*
1007·0	*	SE	4	r	49	95	7	6	-	-	10	10	1500	1	4
1005·8	-2	ESE	4	r₀	50	95	8	6	-	-	9+	9+	800	1	2
1004·5	0	S'E	3	c	51	95	8	8	2	-	7·8	9+	2500	1	2
1004·7	+8	NW'W	5	c/d	47	95	7	8	2	-	7·8	9+	2500	1	3
1007·3	0	S	3	c	49	95	7	8	-	-	10	10	1500	1	0
1005·3	0	SE'E	6	c	48	95	6	5	-	-	10	10	1500	1	3
1006·5	-4	SE'E	3	r	47	85	6	5	-	-	10	10	2500	1	1
1009·6	-2	SE'E	3	3₀	42	95	5	5	-	-	10	10	1500	1	*
1009·1	-6	SSE	4	3₀	42	85	6	5	-	-	10	10	1500	1	*
1003·8	-2	ESE	3	m/f	42	95	4	5	3	-	1	9	5700	1	*
1010·8	-6	-	0	f	42	95	2	5	-	-	10	10	150	1	*
1010·5	-4	-	0	c	47	95	6	5	2	-	4·6	9+	800	0	1
1010·6	-4	-	0	o	42	95	5	5	-	-	10	10	1500	1	*
1011·0	-8	SE	3	o/c	47	85	7	6	-	-	10	10	1500	1	2
1011·3	-8	ESE	1	o	45	95	7	6	-	-	10	10	1500	0	1
1011·7	-6	ESE	2	o	46	95	6	5	-	-	10	10	450	1	*
1010·3	-4	ENE	3	m	42	95	4	5	-	-	7·8	7·8	4000	1	*
1010·3	-10	ENE	3	c	41	95	6	5	-	-	10	10	1500	1	*
1006·9	-6	E'S	6	c	46	75	7	5	-	-	9+	9+	2500	0	4
1008·9	-4	SSE	3	c	48	75	7	8	6	-	4·6	9	1500	1	1
1010·8	-2	S	4	c	42	95	6	3	2	-	4·6	10	800	0	
1012·9	-10	SE	4	pr₀	46	75	6	8	-	3	9+	9+	800	1	2
1013·1	-2	SSE	6	c	47	95	8	8	1	-	4·6	7·8	1500	1	3
1016·8	0	S'E	4	c	47	85	7	8	3	-	7·8	9	1500	0	*
1002·6	+8	-	0	RR	45	95	7	6	-	-	10	10	450	2	3
1004·8	0	S'E	4	3₀	47	85	6	5	-	-	10	10	2500	0	2
1006·9	-2	ESE	4	d₀	46	95	5	5	-	-	10	10	450	1	*
1007·1	-2	SE	4	c	48	85	7	5	-	-	7·8	7·8	1500	1	2
1003·2	-6	SE	1	c	49	95	8	8	-	-	7·8	7·8	2500	1	*
1004·2	+2	W'N	3	bc	43	95	8	2	3	2	1	4·6	1500	1	4
1004·1	+6	NW	3	r₀	47	95	7	6	-	-	7·8	7·8	1500	1	4

PAST 24 HOURS.

Weather. 7h.–13h. 22nd (37)	Weather. 13h.–18h. 22nd (38)	Weather. 18h. 22nd to 1h. 23rd (39)	Weather. 1h.–7h. 23rd (40)
of cf	cbam	omo	oct·w·o p rw·Yo
cff m₀	cm₀	cm₀	
of ac f	coc m c	cmo	cc·y·c
cf cm₀	com₀	o r r cmo	co Yo·t·d₀
cm₀ c	cm₀	c w Y, Y·	cV₀r·c
cf m₀	cm₀ c	cwc	c, cm c
cm₀	cm₀	cmo	c
of cm₀	cm₀	c	c
ff ac f cm	cm cm₀	cm c	cc₂
oc₂	cp r cm	c y c q	cqf
of f₀	of f₀		bc r m c
f f	af m	c	o o Y Y
of f cm	m m f	of f	co Y₀
c f o f c m	c m o m	p m r· i d₀	r r Y
o d d r r	o r r	o r r r c	o Y c p r
f c d, c 0	c r₀ m₀	b r r r c	c b b c
c b c c	c	p r b c	b c p r
r₀ c d	c r r c d	c p	c b c c
o c r d c	c	c o P R	o Y o b c
c q m₀ d₂	c q m₀ c d₀	c q r r m c q	c
c r₀ c	c f₀	r₀ r c	r₀ Y₀
b c c m₀	c m₀	c m₀	c m o d 1
c m₀	c m₀	c c o	o i r₀
c m₀ m	c f m	c m m₀	c m o
o f f	o f f e	o f f e	o c
o m f	f c w	p c b c	c b c
o f o m	c m₀	o m o Y	o m o
c o c r₀	o c r₀	o i r₀	o
b c c	b c c p	c w₀	b c c
c m₀ w c m	c m₀ r o	o m o Y, Y₂	c m m i r
c m₀ m₀ m	c b c m	b c c w	c m, c m o
b c m₀	b c c m₀	c m o	c m o
c c d	c c d₀	c	c
o p r₀	c p r₀	c b b c	b c
c b c	b c c	*	i Y c
c 3₀	c 3₀ p r₀	c 3₀ c	c
c b c	b c c	c b c	b c a
c	c	c	c b r₀
r r	c R	b c	b Y c
c p 3₀	3	c r r Y	c i r·3
o d, d₀ m₂	o c d, d, d₂	o d, d₀ r·r	o r·d o r
o c r₀	c r₀ c	c i d o c	c q₀
o c d, c	c	c o r r	r r b c x
o r r c	c b c	f Y c	p r₀ i r·c.
d c o r r	r r c r₀	c i r·c	c o i Y

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.

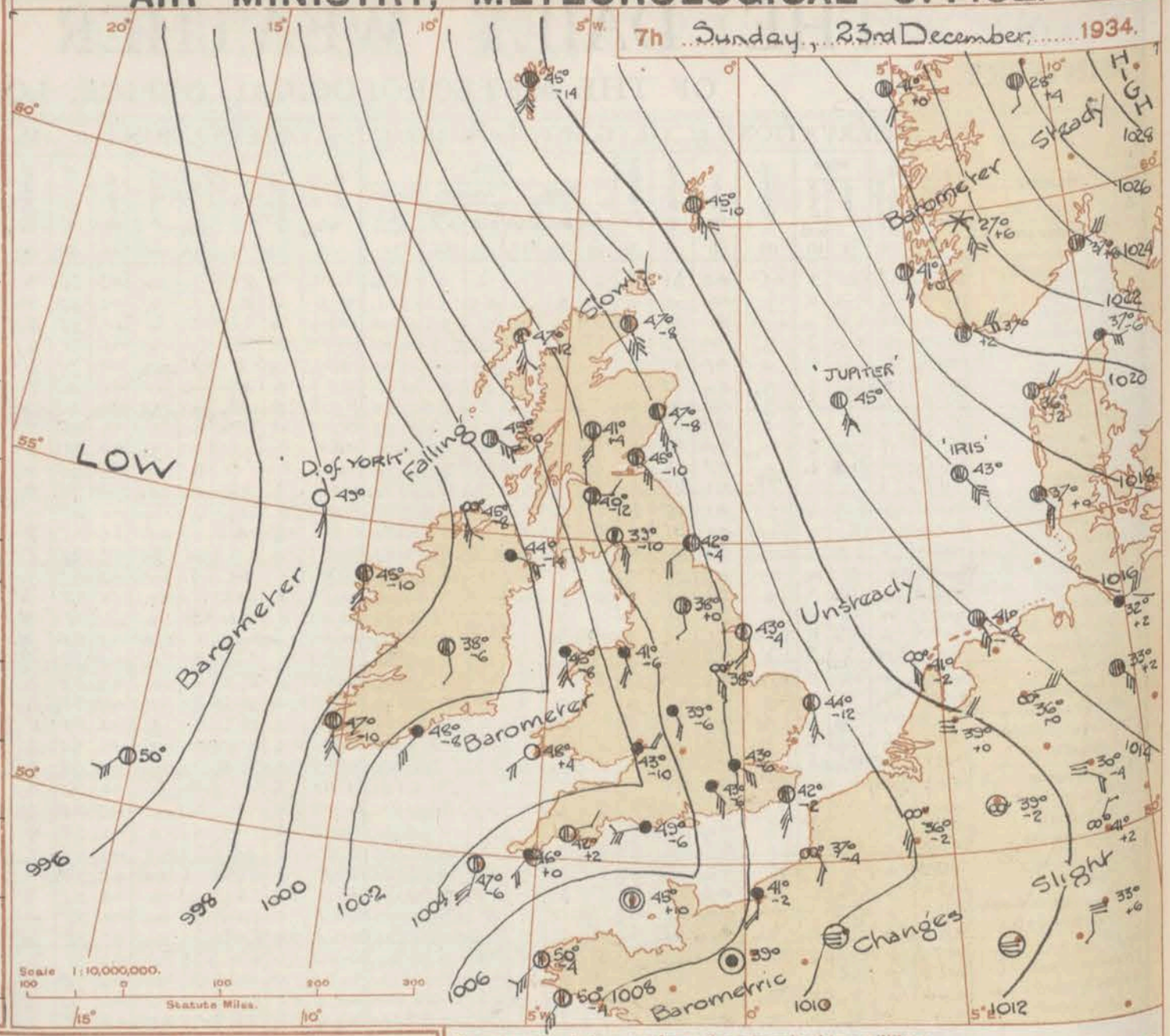
REPORTS from HEALTH RESORTS for 22nd December 1934

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.	omco	o	30	41	-	-	0·1
	Bournemouth	odo	odo	36	48	Trace	0·3	0·0
	Ventnor ...	pou	our	43	48	2	0·3	0·0
	Southsea ...	c	c	36	47	-	-	0·0
	Bognor Regis	c	c	37	46	-	-	0·0
	Littlehampton	c	c	40	46	0·2	-	0·0
	Worthing ...	c	c	36	46	-	-	0·0
	Brighton ...	c	c	38	46	-	-	0·0
	Eastbourne†	o	o	36	45	-	-	0·0
	Hastings† ..	oco	o	40	45	0·2	-	0·2
	Folkestone ...	obc	bc	36	44	-	-	0·4
	Dover... ...	c	cbcco	37	44	-	-	0·5
	Deal	ocbc	oo	35	45	-	-	1·0
	Ramsgate ...	cbcm	bccm	38	45	Trace	-	1·7
	Margate ...	c	bcc	37	45	-	-	0·2
2	Southend ...	ofm	omco	37	43	Trace	-	0·0
	Maldon ...	fo	oc	38	45	-	-	0·1
	Clacton-on-Sea	cofcm	cm	38	44	-	-	0·0
	Dovercourt ...	fbc	moc	40	45	2	-	0·0
	Lowestoft ...	crcbc	c	43	48	1	-	0·0
	Skegness ...	om	o	40	47	0·2	-	0·0
	Mablethorpe	omm	om	40	47	-	-	0·0
	Cleethorpes ...	om	o	42	46	-	-	0·0
3	Leamington S.	om	co	32	41	-	-	0·0
4	Cheltenham†	omc	com	39	45	-	-	0·1
5	Bath	mc	c	35	46	Trace	-	0·0
	Weymouth ...	d	rs	47	49	1	4	0·0
	Jersey ...	rcdc	dc	42	48	6	1	0·0
	Torquay ...	srodm	ordpc	49	51	9	4	0·0
	Penzance ...	bbcb	ccd	50	55	2	0·4	2·5
	St. Ives ...	c	p	49	53	4	0·3	2·9
	Bude	cbc	pbc	48	52	0·1	-	1·3
	Ilfracombe ...	oc	c	51	52	1	-	0·0
6	Aberystwyth	dc	cd	45	48	1	0·3	0·0
7	Llandudno ...	cbc	bcc	44	48	-	-	1·8
	Colwyn Bay...	obc	bcc	44	49	-	-	2·7
	Rhyl	bcc	crm	41	44	-	-	1·2
8	Wallasey ...	fcbc	bcm	42	47	-	-	0·0
	Southport‖ ...	c	c	42	47	0·2	-	0·0
	Blackpool ...	c	c	40	44	0·5	-	0·7
	Morecambe ...	c	bcbc	38	47	-	-	0·5
9	Ilkley	o	m	36	43	-	-	0·0
10	Berwick-on-T.	od	do	34	47	-	Trace	0·0
11	Dunbar ...	bcmp	bcm	39	47	0·3	-	1·1
12	Troon... ...	oc	co	42	45	-	-	0·0
	Douglas ...	omcd	amm	45	47	6	Trace	0·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Sunday, 23rd December, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 23rd December, 1934.
1. S.E. England	Moderate southeast wind veering southwest; mainly cloudy but brighter intervals spreading eastwards in afternoon; average temperature, becoming milder.
2. E. England...	Moderate southeast wind veering southwest; dull with rain this afternoon; variable cloud later; average temperature today, becoming milder tomorrow.
3. E. Midlands	As 1.
4. W. Midlands	Moderate southwest wind, backing south; mainly cloudy, but brighter intervals this afternoon; rain spreading eastwards tomorrow; becoming milder.
5. S.W. England	As 2 -3.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N Midlands	
10. N.E England	
11. S.E. Scotland	
12. S.W Scotland & Isle of Man	
13. A W Scotld. B. N W. Scotland	Moderate southwest wind; cloud increasing; rain later today; mild.
14. Mid-Scotland	As 2 - 3
15. N E Scotland	Moderate southeast wind; mainly fair today; some rain tonight; rather mild.
16. Orkneys and Shetlands	
17. N.W. Ireland	Moderate south to southeast wind, freshening; cloud increasing; rain spreading from southwest later today; mild.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

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

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

GENERAL INFERENCE.

A trough of low pressure extending from Northeast Ireland to the Channel Islands is moving slowly northeast while a large depression to west and southwest of Ireland is extending its influence over our western districts. A belt of general rain will cross the eastern half of England today and a renewal of rain, spreading eastwards, is probable in Ireland.

FURTHER OUTLOOK.

Mild with rain in most districts.

Forecasts issued at 1230 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

Morning of
SUNDAY
December 23rd,
1934.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 23rd December 1934.

No. 26,694

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1009.8	-8	E'S	3	C	42	85	6	5	–	8	4-6	9	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	217	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmptn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	349	1010.4	-6	SE'S	3	C	43	85	7	5	–	–	10	10	1500
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1011.4	-2	S	3	C	44	85	7	5	–	–	7-8	7-8	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1005.0	·	SSE	4	rr	49	95	7	5	–	–	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1006.1	+4	W'S	5	bc	47	85	8	8	–	–	4-6	4-6	2500
	Scilly (St. Mary's)	163	1005.9	0	W	4	C	47	85	8	7	6	6	4-6	7-8	2500
	Guernsey	175	1006.7	0	WNW	5	O	48	95	7	5	–	–	10	10	2500
6	Pembroke	142	1002.0	-4	W'N	5	c|r	48	95	7	8	–	–	9+	9+	2500
7	Holyhead	26	1004.0	-14	ESE	3	id$_o$	45	85	6	5	2	–	7-8	10	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1010.5	0	N	0	bc	41	95	7	5	7	–	2-3	4-6	1500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1013.7	-10	SE	3	o|r	46	85	7	6	–	–	10	10	1500
11	Inchkeith	190	1009.9	-10	ESE	2	C	44	95	8	5	–	–	10	10	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1007.6	-8	SE	4	bc	47	75	7	7	7	–	2-3	4-6	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1011.3	-6	SSE	6	bc	47	95	8	5	1	–	4-6	4-6	1500
16	Lerwick	156	1016.2	-4	SE	5	C	46	85	7	8	3	–	4-6	9	1500
17	Blacksod Point	18	1001.7	-8	S	2	C	45	95	7	2	5	–	7-8	7-8	800
18	Malin Head	52	1002.7	-8	SE	4	rr	45	95	6	6	6	–	10	10	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1002.7	-10	W'N	2	id$_o$	45	95	7	9	–	–	10	10	1500
	Rochos Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 23rd 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)	1008.9	-6	E'S	2	To To	43	85	5	6	2	–	7-8	10	2500	1	*
	Croydon	1008.2	-6	ESE	3	i Yo	43	85	6	5	–	–	10	10	1500	1	*
	S. Farnborough	1006.7	-6	ESE	3	Yo To	43	95	6	6	2	–	9+	10	800	1	*
	Boscombe Down	1004.5	-16	SSW ESE	4	do do	45	95	6	6	–	–	10	10	450	1	*
	Calshot (S'thmptn)	1006.6	-6	SE'S	4	c|r	46	95	8	6	7	–	4-6	9+	2500	1	1
	Lympne	1003.6	-2	SE'S	3	O	42	85	7	5	–	–	10	10	1500	1	§2
	Manston	1003.4	-2	SE	4	O	41	95	6	5	–	–	10	10	1500	1	*
2	Shoeburyness	1003.0	-4	SSE	3	C	42	85	7	4	3	–	7-8	9+	4000	0	*
	Felixstowe	1003.7	-4	SSE	5	C	45	75	6	5	–	–	9+	9+	1500	1	3
	Gorleston	1003.5	-12	SE'S	4	c	44	85	6	5	–	–	10	10	2500	0	3
	Cranwell	1008.9	-8	ESE	3	3o	38	25	6	5	1	–	7-8	9+	2500	1	*
3	Birmingham	1006.5	-6	ESE	2	rr	39	95	6	6	–	–	10	10	1500	1	*
	Upper Heyford	1006.5	-6	E	3	Yo Yo	41	95	4	5	–	–	10	10	800	1	*
4	Ross-on-Wye	1004.6	+2	E	2	id$_o$	42	95	6	6	–	–	10	10	2500	1	*
5	Portland Bill	1004.6	·	W	4	br	49	95	7	4	–	–	9+	9+	1500	1	4
	Plymouth	1005.7	+2	E	1	bc	42	95	8	7	3	1	2-3	2-3	2500	1	2
	The Lizard	1005.6	0	SW'W	2	i Yo	46	95	8	8	7	–	4-6	7-8	2500	1	2
	Scilly (St. Mary's)	1004.4	-6	S'W	3	bc	47	85	8	4	–	35	2-3	2-3	2500	1	2
	Guernsey	1007.5	+10	–	0	bc	46	85	9	8	–	–	4-6	4-6	2500	2	3
6	Pembroke	1008.6	+4	WSW	2	C	48	75	7	5	–	–	7-8	7-8	2500	1	2
7	Holyhead	1002.1	-8	SSE	4	To To	45	95	6	6	2	–	7-8	10	1500	1	2
	Chester (Sealand)	1005.5	-6	SE	2	dr	41	95	6	5	–	–	10	10	1500	1	*
8	L'pool (Bidston)	1004.9	+2	SSE	5	i Yo	40	95	6	5	–	–	10	10	1500	1	*
	Manchester	1006.5	-8	SE'E	3	3o	41	85	6	5	–	–	10	10	2500	1	*
9	Harrogate	1008.6	0	SSE	1	3o	38	95	5	5	2	–	10	10	2500	1	*
10	Spurn Head	1008.8	-4	S'W	2	bc	43	95	6	5	7	–	2-3	4-6	1500	0	1
	Catterick	1007.9	-2	SSE	3	3o	40	95	5	5	–	–	10	10	800	1	*
	Tynemouth	1008.2	-4	SW	2	O	42	95	6	5	–	–	10	10	1500	1	1
11	Inchkeith	1007.2	-16	E	3	C	43	95	8	5	–	–	9+	9+	2500	1	2
	Leuchars	1007.2	-10	ESE	3	C	46	95	6	5	–	–	9	9	1500	1	*
12	Renfrew (Abbotsl)	1005.7	-12	E	1	3o	40	85	6	5	–	–	9+	9+	4000	1	*
	Eskdalemuir	1006.6	-10	ESE	3	O	39	85	6	5	–	–	10	10	1500	1	*
13A	Tiree	1002.6	-10	E'S	5	C	45	85	7	5	1	–	4-6	9	2500	0	4
13B	Stornoway	1005.1	-12	SE	4	C	47	75	7	5	7	–	4-6	4-6	2500	1	2
15	Dalwhinnie	–	+4	S	3	C	41	85	7	4	5	–	4-6	10	1500	1	*
	Aberdeen	1009.2	-8	SE	4	C	47	75	7	2	3	–	7-8	9	1500	1	3
	Wick	1009.4	-8	SE	6	C	47	95	8	8	7	–	4-6	7-8	1500	1	3
16	Lerwick	1014.1	-10	SE	5	c|p	45	85	7	8	2	–	7-8	9+	1500	1	*
17	Blacksod Point	999.7	-10	S	3	C	48	95	7	8	–	–	7-8	7-8	800	1	3
18	Malin Head	1000.4	-8	SE	4	3o	45	85	6	8	–	–	10	10	800	1	1
	Aldergrove	1002.1	-14	E'S	4	dr	44	95	6	8	–	–	10	10	800	1	*
	Donaghadee	1002.1	-10	SSE	5	qr	45	95	7	9	–	–	9	9	1500	0	
19	Birr Castle	1001.7	-6	SSE	1	bc	38	95	8	–	4	–	–	2-3	–	1	*
20	Valentia Obsy.†	1000.3	-10	S'E	4	C	47	95	8	8	–	1	4-6	7-8	1500	1	3
	Rochos Point	1002.6	-8	SW	3	i r	48	95	6	6	–	–	10	10	800	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 22.wd Hrs. (36)
1	London (Kew)	43	41	39	–	0.1	0.0
	Croydon	42	40	39	Tr	0.FW	0.0
	S. Farnborough	42	39	37	Tr	0.5	0.0
	Boscombe Down	44	39	39	–	3	0.0
	Calshot (S'thmptn)	48	44	43	Tr	3	0.0
	Lympne	42	40	38	Tr	–	0.1
	Manston	44	40	38	–	–	0.5
2	Shoeburyness	44	39	37	–	–	0.0
	Felixstowe	44	41	40	Tr	–	0.0
	Gorleston	48	42	38	Tr	–	0.0
	Cranwell	43	38	30	0.1	Tr	0.0
3	Birmingham	41	38	26	–	2	0.0
	Upper Heyford	41	37	36	–	0.2	*
4	Ross-on-Wye	43	40	39	–	6	0.0
5	Portland Bill	50	46	*	3	3	*
	Plymouth	53	42	35	0.4	9	1.0
	The Lizard	52	46	*	–	2	*
	Scilly (St. Mary's)	51	46	*	8	0.3	0.5
	Guernsey	51	46	38	2	2	0.0
6	Pembroke	49	38	*	1	5	0.0
7	Holyhead	49	44	42	1	6	0.0
	Chester (Sealand)	45	40	39	–	0.1	0.9
8	L'pool (Bidston)	45	40	38	–	Tr	0.5
	Manchester	47	41	37	–	–	0.0
9	Harrogate	42	38	35	–	–	0.0
10	Spurn Head	48	42	*	Tr	0.3	0.0
	Catterick	43	38	33	–	0.4	0.0
	Tynemouth	47	42	39	0.1	1	*
11	Inchkeith	47	42	37	–	0.1	3.7
	Leuchars	46	42	37	0.5	1	0.0
12	Renfrew (Abbotsl)	44	37	32	–	–	0.6
	Eskdalemuir	42	39	36	–	3	2.1
13A	Tiree	47	45	42	0.2	–	0.0
13B	Stornoway	49	46	*		–	0.0
15	Dalwhinnie	45	38	36	–	2	1.4
	Aberdeen	48	45	43	Tr	–	0.0
	Wick	48	45	*	–	–	*
16	Lerwick	48	43	*	–	Tr	1.2
17	Blacksod Point	50	40	*	1.8	3	*
18	Malin Head	49	43	*	–	4	0.0
	Aldergrove	48	43	42	0.5	2	0.0
	Donaghadee	50	43	*	2	0.2	*
19	Birr Castle	52	37	30	0.2	5	0.7
20	Valentia Obsy.†	48	41	36	6	1	0.3
	Rochos Point	52	39	*	6	2	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	oFcf	cbcm	oc|o M.	43	41	39	–	0.1	0.0	*	*	5
Croydon	217	cffmo	cmo	cm|o	42	40	39	Tr	0.1 Tr	0.0	*	*	6
Greenwich (Royal Observatory)	149	Fccw	cm|c	cYmo	43	40	37	–	0.1	0.0	87	98	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park)	27	*	*	*	45	40	39	1.2		0.0	98	90	*
Regents Pk. (Botanic Gardens)‡	168	*	*	*	44	40	35	–	2	0.0	91	96	*
Camden Square	110	fc	fc	*	42	42	37	–	1	*		93	*
Kensington	80	ocmcm	cm	*	44	41	36	–	1	0.0	At 18h. 93		*
Hampstead Observatory	450	Of	Of	Owr	41	37	35	0.2	1	0.0	71	100	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 23rd

South Kensington. Max.	Time.	Min.	Time.
Not available			

Kew Observatory. Max.	Time.	Min.	Time.
1.0	11h 22nd	0.1	4h 23rd

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 22nd December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 23rd December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1010.9	SE	1	3o	41	1010.3	–	0	W	38
Brussels	1011.6	–	0	bc	41	1011.4	SSE	3	3o	32
Berlin	1017.4	E	3	3o	34	1017.1	ESE	3	O	30
Zürich	1013.4	NE	1	b	36					
Rome	1009.7	NNW	3	C	52	1008.3	NE	2	3o	39

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
45	34	–	–
45	28	0.1	–
36	36	–	–
43		–	
x	x	–	·

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

Objects not visible at	
0 Dense fog	55 yards.
1 Thick fog	220 „
2 Fog	550 „
3 Moderate fog	1,100 „
4 Mist or haze	1¼ miles.
5 Poor visibility	2¼ „
6 Moderate „	6½ „
7 Good „	12½ „
8 Very good „	31 „
9 Excellent „	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† The observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

13h Croydon 1008·0 -2 SE 2 C7 46 95 6 8 7 2 7-8 10 800 cm.r.r.d.d.c

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 24th December 1934.

No. 26695

OBSERVATIONS at 13h. G.M.T. 23rd 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)	1006·7	-6	SE	3	c	47	85	6	5	3	-	7-8	9+	2500
	Croydon	1008·3	+2	SE'E	4	r.r.	43	95	6	6	2	-	4-6	10	450
	S. Farnborough	1006·2	-2	SW	3	c	48	85	7	8	3	8	7-8	9+	1500
	Boscombe Down	1005·7	-2	SW	2	bc	49	75	8	7	-	-	4-6	4-6	2500
	Calshot, S'thmtn	1006·7	+4	SSW	3	bc	50	75	8	8	4	-	2-3	4-6	2500
	Lympne	1009·3	-6	S'E	3	rf	43	95	3	6	-	-	10	10	<150
	Manston	1008·9	-6	SE	4	r.r.	43	95	6	6	-	-	10	10	800
2	Shoeburyness	1008·4	-6	ESE	4	r.r.	44	85	6	6	-	-	10	10	1500
	Felixstowe	1009·4	-4	S'E	4	r.r.	45	85	7	6	2	-	7-8	10	800
	Gorleston	1009·1	-6	SE'S	5	c	46	85	6	9	-	-	9+	9+	2500
	Cranwell	1008·0	-10	ESE	4	r.r.	42	95	6	-	2	-	10	10	1500
3	Birmingham	1006·1	-2	SE	2	m	42	95	4	6	-	-	10	10	800
	Upper Heyford	1006·0	-6	E	2	r.r.	42	95	3	3	-	-	10	10	450
4	Ross-on-Wye	1005·2	+4	N'W	2	bc	45	95	6	1	-	1	2-3	2-3	4000
5	Portland Bill	1006·8	!	W	3	c	52	75	8	4	4	-	4-6	9	2500
	Plymouth	1005·0	-10	S'E	3	c	50	85	8	8	-	6	4-6	9	2500
	The Lizard	1003·7	-14	SE'S	4	c	50	95	8	8	2	-	7-8	9+	2500
	Scilly (St. Mary's)	1002·0	-16	SE'S	4	c/r	50	95	7	6	7	-	4-6	10	1500
	Guernsey	1007·2	-6	SSW	2	bc	50	85	8	8	1	-	2-3	4-6	2500
6	Pembroke	1002·4	-6	S'W	3	bc	50	85	8	8	7	-	2-3	4-6	4000
7	Holyhead	1003·0	+2	SSE	2	w	50	85	8	9	-	8	9	9+	1500
	Chester (Sealand)	1005·8	-2	SE'S	2	3o	43	95	5	5	-	-	10	10	1500
8	L'pool (Bidston)	1005·4	0	S'W	3	3o	42	96	6	5	1	-	4-6	10	1500
	Manchester	1005·9	-6	SE'S	3	3o	43	95	5	6	2	-	7-8	10	1500
9	Harrogate	1007·8	0	SE	3	r.r.	40	95	5	6	2	-	9+	10	2500
10	Spurn Head	1008·4	-2	S'E	5	c	45	85	6	5	2	-	7-8	9+	1500
	Catterick	1007·3	-10	SE'S	2	dd	41	95	6	5	2	-	7-8	10	1500
	Tynemouth	1007·7	-2	SSE	4	c	44	85	7	4	-	-	7-8	7-8	4000
11	Inchkeith	1007·4	-4	ESE	3	c	43	95	6	5	1	-	4-6	10	2500
12	Leuchars	1007·3	-6	ESE	3	c	43	85	6	5	-	-	10	10	800
	Renfrew (Abbotsl.)	1005·0	-2	E'N	3	r.r.	42	85	4	5	-	-	10	10	1500
	Eskdalemuir	1005·8	-10	SE	3	d.d.	40	85	6	6	-	-	10	10	800
13A	Tiree	1001·6	-6	ESE	5	r.r.	45	85	6	6	2	-	7-8	10	1500
13B	Stornoway	1003·6	-6	SE	5	c	46	75	7	4	4	-	4-6	7-8	2500
15	Dalwhinnie	1005·5	-4	S	4	c	38	95	7	4	2	-	7-8	10	1500
	Aberdeen	1008·7	-2	SE	4	c	46	85	7	8	7	-	7-8	9+	1500
	Wick	1009·1	-4	SE	6	ir	43	95	8	8	1	-	7-8	9+	1500
16	Lerwick	1014·1	0	SSE	6	pr	42	85	7	9	2	-	7-8	10	800
17	Blacksod Point	999·7	-10	S	2	c	47	95	8	8	-	-	10	10	1500
18	Malin Head	999·7	-6	E'S	2	c/r	46	95	7	8	-	-	10	10	800
	Aldergrove	1001·1	+4	S'W	4	c	44	96	7	5	-	-	9+	9+	460
	Donaghadee	1001·5	-2	SW	2	c	46	95	8	9	-	-	7-8	7-8	1500
19	Birr Castle	1001·2	-6	SSE	1	c	44	95	8	5	-	-	9	9	2500
20	Valentia Obsy.	998·8	-10	S	4	c	51	95	8	5	3	-	7-8	7-8	800
	Roches Point	1001·8	-10	SW	3	bc	51	85	8	9	3	-	4-6	4-6	1500

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

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)
1007·7	+10	ESE	2	bf	42	95	3	-	-	-	0	0	-	1	•
1008·1	+6	SSE	2	m	43	95	4	-	-	-	0	0	-	1	•
1007·3	+8	S	1	m	39	95	4	-	3	-	0	Tr.	-	1	•
1006·7	+4	E'S	2	bc	42	85	7	7	-	-	2-3	2-3	2500	1	
1006·7	0	ESE	2	c	47	85	8	8	7	-	2-3	7-8	2500	1	1
1008·9	+2	SSE	3	id.	44	95	6	6	-	-	10	10	450	1	§3
1009·0	+2	S	4	r.r.	42	95	6	6	-	-	10	10	800	1	*
1008·7	+2	SE	4	0	44	95	6	5	-	-	10	10	1500	1	•
1009·4	+2	SSE	4	r.r.	44	95	6	-	2	-	10	10	800	1	3
1009·5	+2	SE	6	ir.	46	85	6	6	-	-	10	10	1500	1	4.
1007·8	+2	ESE	4	dr	41	95	5	-	2	-	10	10	800	1	
1006·4	+4	-	0	m	43	95	4	5	-	-	10	10	800	1	•
1007·2	+12	ENE	1	bF-	39	95	1	-	-	-	0	0	-	1	•
1006·1	+6	NW	1	F	37	95	1	5	-	-	10	10	<150	1	•
1006·7	!	SE	4	c	50	85	7	5	-	-	7-8	7-8	2500	1	3
1003·8	-2	SE'S	4	c	49	85	8	5	7	8	4-6	9+	1500	1	2
1001·8	-2	SE	5	c	49	95	7	8	2	-	7-8	10	2500	1	3
1000·6	0	SE	3	c/r	48	95	7	9	7	-	4-6	10	1500	1	2
1005·6	-4	SSE	4	c	48	95	8	8	-	-	10	10	1500	1	3
1002·4	0	SE'S	5	bc	48	85	7	7	4	8	2-3	4-6	5700	1	3
1003·9	+4	SE'S	3	c	46	85	8	5	-	-	7-8	7-8	4000	1	1
1006·3	-4	SE	1	f	37	95	2	5	-	-	10	10	<150	1	•
1005·9	+4	SSE	3	m	41	95	4	5	-	-	10	10	800	1	
1006·6	+4	SE'E	2	m	43	95	4	6	2	-	4-6	10	1500	1	•
1007·9	0	SE	1	rr	41	95	4	5	-	-	10	10	<150	1	•
1008·0	-2	SSE	5	ir.	45	95	6	6	-	-	10	10	1500	0	4
1007·9	+6	SE'S	2	dd	41	95	6	-	2	-	10	10	800	1	•
1007·6	+4	SSE	4	ir.	45	85	7	6	-	-	10	10	1500	1	3
1008·0	+8	SE	3	rr	43	95	7	6	-	-	10	10	1500	1	2.
1007·5	+6	ESE	3	o/r	44	85	6	5	-	-	10	10	1500	1	•
1005·5	+6	E'S	3	3o	42	95	5	5	-	-	7-8	7-8	1500	1	•
1006·4	+6	SSE	3	dd	39	95	6	5	-	-	10	10	800	1	
1001·1	-2	E'S	5	id.	44	95	6	6	2	-	4-6	10	1500	1	4
1003·2	+2	SE	5	c	47	65	6	5	2	-	7-8	10	1500	1	3.
1006·8	+4	S	5	ir	38	95	6	3	6	-	7-8	10	800	1	•
1008·9	+6	SE'S	4	c	46	75	7	5	-	-	9	9	1500	1	3
1008·1	0	SE	8	c	45	95	7	5	1	-	7-8	9	1500	1	4
1014·5	+2	SE	7	c/pr	43	65	8	8	-	-	7-8	7-8	1500	1	•
999·1	+4	SSE	3	c	46	95	8	-	7	-	0	9+	-	1	3
1000·5	+12	SE	4	c	43	85	7	4	-	-	7-8	9	1500	1	1
1003·7	+12	E	2	bc	38	95	8	8	3	-	2-3	2-3	2500	1	•
1002·7	+10	WSW	1	bc	42	95	7	5	-	-	4-6	4-6	1500	0	0
1001·4	+2	SSE	1	bc	45	95	8	-	4	-	0	2-3	-	1	•
998·4	+4	SE	2	bc	49	85	8	5	-	-	4-6	4-6	1500	1	3
1001·0	-2	SSE	4	c	50	95	7	9	-	-	7-8	7-8	1500	1	4

PAST 24 HOURS.

Weather. 7h.–13h. 23rd (37)	13h.–18h. 23rd (38)	18h. 23rd to 1h. 24th (39)	1h.–7h. 24th (40)
or.r.c	bc.m.bf	6.f.o.F.6.f	cd.c.m.
~~r.r.m.~~	bc.m.bmw	bf.ec.mw	cm.w.o.d.
c.i.r.c	c.b.m.x.	b.c.d.c	o.i.d.o
cpr.bc	bc.b.bc	or.bc	bc.pr.m
c.bc	bc	cd.bc	bcc
cir.rr	rr.j.id.	crr.f.d.d.	cd.d.r.m.
c.r.r.c	c.r.rr	cr.r.c	cr.r.c
or.r.m.	or.m.	am.	cm.
c3.cr.	cr.o.r.r.3	or.r.d.	o3.c
cq	o.i.r.q	or.r.	acq
cr.r.r.	cod.r.	oid.c	cm.
orr.mr	od.m	am.f	off
RR	r.m.F	F.q.c.f.e	c.f.e.r.
r.o.m.bc	bbc.of	F.o.f.c.m	c.m.
cpr.c	c	c rym.	cpr
bcc.d.m.c	c	cr.~~r.m.~~	cr.m.c
ir.c	cpr.c	cpr.c	cpr.q
bcc.r.	ir.i.r.	c.i.r.	cr.c.d
c.p.r.bc	bcc	c.o.i.r.	or.r.r
c.i.r.bc	cbc	bc.c.q	cpr.c
r.r.c	PR.p.r.	c.bc.bw	b.bc.w
r.r.o.m.	bc.m.f.r	f.f.e.c.m	m.r.c
i.r.r.m.	m.c.m.e	m.f.m.o	cd.c
c.r.r.r.	d.d.d.m	c.m	bc.m.
c.r.	com.r.r	or.d.	co
c.bc	o.i.r.	pr.c	c
o.m.c.od	od.d m.	od.d.r.r.	or.o.m.
oc	c.o.i.r.	o.i.r.	o.v.r.o
c	c.o.r.r	o.r.r.c	co
c.b.c.m.c	c.m.o.i.r.	o.m.r.r.o	o.m.
m.o.m.r.r.	m.r.r.m.	c.b.c.m.	bc.w.c.m
c.d.d.o	d.o.d.d	d.o.m.	c.m.
co	o.r.r.o	c.i.d.	c.i.d.
bcc	c	c.p.r.r.c	c.p.r.
c	i.r.c		c.r.c
c.p.r.c	c3.	c.p.r.q	c.p.r.q
cir	c.i.r.c	c.p.r	c.p.r
c.p.r.	c.p.r.	c.p.r.	c.r.r.
c	c	c	pr.bc
c.r.r.3	c.b.c	bc	c.b.c
bc	c.b.c	b.c.c.r.	c
i.r.c	c.b.c	r.r.c.c	bc
bcc	c.b.c	b.c.c	c.r.r.c
c.b.c.c	pr.bc	c.p.r.r.r	o.r.r.c
i.r.bc	c.p.r.c	c.p.r.c	o.r.r.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.
"t r." 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.

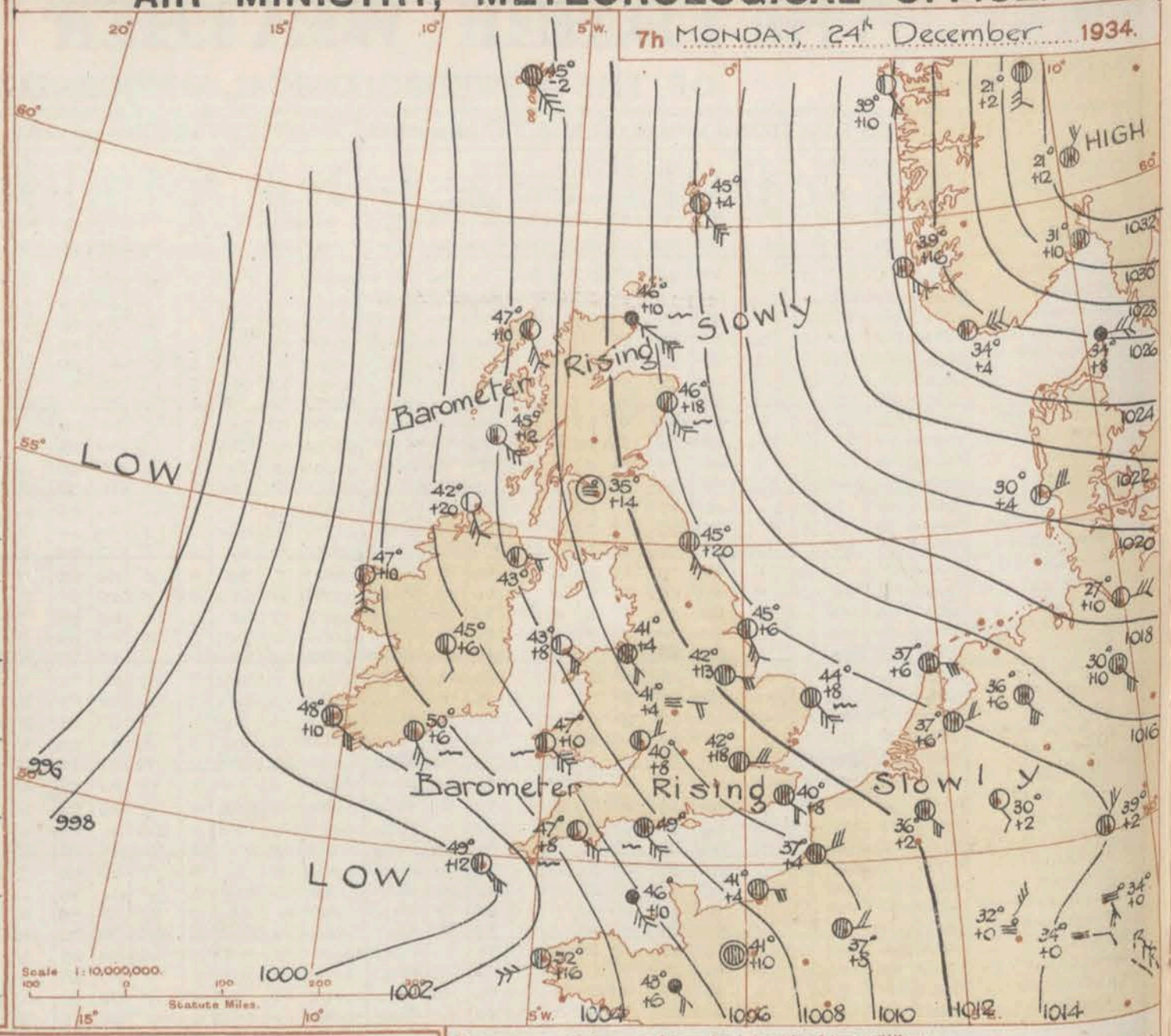
REPORTS from HEALTH RESORTS for Sunday, 23rd DEC.r 1934

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 22nd to 23rd 9h.	Temperature. Max. 9h.—17h. 23rd.	Rainfall. Night. 17h. 22nd to 23rd 9h.	Rainfall. Day. 9h.—17h. 23rd.	Sunshine. Sunrise to Sunset. 23rd.
1	Tunbridge W.	oro	oc	38	46	3	0·5	0·2
	Bournemouth	0bc	bccm	43	48	5	-	3·3
	Ventnor ...	orc	bcpo	43	51	6	0·3	3·3
	Southsea ...	cbcb	bbc	44	51	5	-	2·9
	Bognor Regis	bc	bbc	45	51	6	-	3·4
	Littlehampton	cbc	bcc	44	52	7	-	3·1
	Worthing ...	cbc	bccf$_0$	44	50	9	Trace	2·2
	Brighton ...	dorb	b	43	50	8	1	1·8
	Eastbourne†	rr	rroirbc	44	48	4	9	0·0
	Hastings† ...	orr	orr	43	47	3	14	0·0
	Folkestone ...	r	r	41	44	-	6	0·0
	Dover... ...	or	orf$_0$	41	45	-	4	0·0
	Deal	or$_0$	ro	41	46	-	2	0·0
	Ramsgate ...	cr	r	41	45	-	3	0·0
	Margate ...	cr	cr	41	44	-	2	0·0
2	Southend ...	or	orc	41	44	-	3	0·0
	Maldon ...	or	ro	40	44	-	3	0·0
	Clacton-on-Sea	co	orr	42	45	-	2	0·0
	Dovercourt ...	oc	roc	39	46	-	2	0·0
	Lowestoft ...	c	cod$_0$	41	46	-	Trace	0·0
	Skegness ...	o	o	39	46	-	-	0·0
	Mablethorpe	om·o	o	37	45	-	-	0·0
	Cleethorpes ...	oc	oc	37	45	-	-	0·0
3	Leamington S.	or	ocm	38	44	5	0·2	0·0
4	Cheltenham†	orme	cbcbm	39	47	Trace	Trace	2·3
5	Bath	cbcb	bbc	42	50	4	-	3·6
	Weymouth ...	cb	bccf$_0$	44	52	5	Trace	3·3
	Jersey ...	rcbcb	bbc	46	51	4	-	4·0
	Torquay ...	orpbw	bbcf$_0$c	38	50	6	Trace	3·2
	Penzance ...	c	cpc	42	52	1	0·2	0·0
	St. Ives ...	c	p	42	51	5	Trace	0·0
	Bude	cbc	bc	40	50	8	-	3·2
	Ilfracombe ...	b	bc	46	49	5	-	4·0
6	Aberystwyth	prcbc	bcc	43	50	8	-	3·7
7	Llandudno ...	rcbc	bc	42	49	4	0·3	2·9
	Colwyn Bay...	rcbc	bcb	41	49	3	-	3·1
	Rhyl	cprbc	bcb	42	46	2	1	3·5
8	Wallasey ...	rmc	cbcm	41	44	2	0·3	0·0
	Southport‖ ...	ro	oc	41	43	0·3	1	0·0
	Blackpool ...	or	ocm	40	43	0·4	2	0·0
	Morecambe ...	cdic	cd	41	43	0·5	0·3	0·0
9	Ilkley... ...	o	d	37	42	-	2	0·0
10	Berwick-on-T.	co	o	41	44	9	-	0·0
11	Dunbar ...	rbcm	cm	40	44	5	-	0·0
12	Troon... ...	cbcra	rrcoc	38	44	-	4	0·0
	Douglas ...	cmir	bcir	42	48	3	5	2·1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h MONDAY, 24th December 1934.



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.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 24th Dec, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Light or moderate east or southeast wind; mainly dull; occasional local slight rain or drizzle, chiefly near coast; colder.
5. S.W. England	Fresh or moderate southeast wind, veering, then backing and probably increasing; cloudy, occasional rain; average temperature or rather mild.
6. South Wales 7. North Wales	
8. N.W. England	Moderate southeast wind, increasing later; cloudy, with local bright intervals; probably rain tomorrow; average temperature.
9. N. Midlands 10. N.E. England 11. S.E. Scotland	Moderate southeast wind, fresh locally; dull; occasional local slight rain or drizzle, chiefly on coast; somewhat colder.
12. S.W. Scotland & Isle of Man	As 6 - 8.
13. A. W. Scotld. B. N.W. Scotland	
14. Mid-Scotland 15. N.E. Scotland†	Fresh southeast wind, strong or gale locally on coast; dull; occasional local rain; becoming colder.
16. Orkneys and Shetlands.	Moderate southeast wind, increasing perhaps to strong or gale later; cloudy, with local bright intervals today; rain later, average temperature.
17. N.W. Ireland 18. N.E. Ireland	
19. S.E. Ireland 20. S.W. Ireland	Wind between southeast and southwest, moderate at first, becoming strong or gale later; cloudy, perhaps showers today, more general rain later; average temperature or rather mild.

GENERAL INFERENCE.

Pressure is high over Scandinavia. A trough of low pressure off our southwest coasts will move east slightly and fill up. A large depression on the Atlantic will spread east. Weather will be colder temporarily in the East and Southeast, and mainly dull or cloudy in most districts. There will be occasional drizzle or rain in the South and on the East Coast today, and more general rain will probably spread in from the Atlantic tonight and tomorrow.

FURTHER OUTLOOK.

Temporarily colder in eastern districts; rain at times but chiefly in the West.

Times of issue of Gale Warnings.

† South Cone at 1445 on 23rd in districts 15 and 16.

Forecasts issued at 10.30 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

Morning of
Monday
24th December
1934.

Clarke's Projection Scale 1 : 4 x 10⁷ along meridian at 55°N
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 24th December 1934.

No. 26695

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind: Direc. (3)	Wind: Force 0-12 (4)	Weather (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud: Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1009.1	+2	E'S	3	3c	41	95	6	5	–	–	9	9	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1010.0	0	SE	3	dd	42	95	6	6	–	–	10	10	800
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1011.0	+2	SE	4	0	45	95	6	6	–	–	10	10	1500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1005.1	×	SE	4	c	49	85	8	4	–	–	10	10	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	999.5	-6	ESE	7	pr	49	95	7	9	2	–	9	10	2500
	Scilly (St. Mary's)	163	998.8	-8	ESE	5	r	48	95	7	9	–	–	9+	9+	1500
	Guernsey	175	1005.1	-4	SSE	5	r	46	95	7	6	–	–	10	10	1500
6	Pembroke	142	1002.8	0	ESE	5	c	47	95	7	5	3	–	7-8	9	2500
7	Holyhead	26	1006.0	+6	ESE	2	b	43	85	7	–	–	8	0	1	–
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1010.1	+6	S	4	c	45	95	6	5	2	–	4-6	10	2500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1009.4	+6	SSE	4	r	45	95	7	6	–	–	10	10	1500
11	Inchkeith	190	1009.3	+8	SE	1	c	43	95	7	5	–	–	10	10	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1005.7	+10	SSE	4	c	47	75	7	5	–	–	7-8	7-8	1500
15	Dalwhinnie	1178	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1010.3	+8	SE	8	pr	45	95	7	8	1	–	7-8	10	1500
16	Lerwick	156	1015.1	+2	SE	7	pr	43	85	7	8	2	–	7-8	9+	800
17	Blacksod Point	18	1000.7	+8	SSE	3	c	47	95	8	4	–	–	7-8	7-8	800
18	Malin Head	52	1003.9	+10	S'E	3	c	42	95	7	8	–	–	7-8	7-8	1500
	Aldergrove	288	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	999.5	+14	SE	3	c/pr	49	95	8	3	–	–	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Baron. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind: Direc. (17)	Wind: Force 0-12 (18)	Weather (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud: Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
1	London (Kew)	1010.5	+3	E'S	3	c	43	85	6	5	2	–	7-8	9+	1500	1	*
	Croydon	1010.3	+1	E	3	3c	42	95	5	5	–	–	10	10	800	1	*
	S. Farnborough	1008.7	+10	ESE	1	cd	42	95	5	6	–	–	10	10	450	1	*
	Boscombe Down	1008.6	+6	E'N	3	m	38	95	4	5	–	–	9+	9+	1500	1	*
	Calshot, (S'thmtn)	1008.3	+3	E'S	5	c	47	85	8	5	3	–	4-6	7-8	2500	1	2
	Lympne	1011.1	+3	ESE	2	c	40	95	6	5	–	–	10	10	1500	1	§2
	Manston	1011.0	+3	ESE	3	c	41	85	6	5	–	–	10	10	1500	1	*
2	Shoeburyness	1010.3	+4	ESE	4	c	42	85	6	5	–	–	9+	9+	2500	1	*
	Felixstowe	1011.9	+3	SE'E	4	c	43	85	7	5	2	–	7-8	10	1500	1	4
	Gorleston	1012.3	+3	ESE	5	c	44	85	6	5	–	–	10	10	2500	0	4
	Cranwell	1012.3	+12	E	3	3c	42	95	6	5	–	–	10	10	1500	1	*
3	Birmingham	1010.5	+4	E	2	of	41	95	3	5	–	–	10	10	800	1	*
	Upper Heyford	1009.3	+6	E	3	of	42	95	4	5	–	–	10	10	800	1	*
4	Ross-on-Wye	1009.2	+3	E'N	2	3c	40	95	6	5	–	–	9+	9+	2500	1	*
5	Portland Bill	1007.0	*	SE	5	c	49	85	8	5	–	–	10	10	1500	1	4
	Plymouth	1004.5	+3	ESE	4	c/r	47	95	8	5	7	–	7-8	9	1500	1	2
	The Lizard	1001.0	+10	ESE	7	pr	48	95	7	8	–	–	10	10	1500	1	4
	Scilly (St. Mary's)	1000.0	+12	E'S	3	c/d	49	95	7	8	–	–	9	9	1500	1	3
	Guernsey	1006.1	+10	SSE	5	r	46	95	7	6	–	–	10	10	1500	1	4
6	Pembroke	1004.4	+10	ESE	6	c	47	95	7	5	2	–	4-6	10	2500	1	4
7	Holyhead	1007.5	+3	E'S	3	bc	43	95	8	5	5	6	2-3	4-6	4000	1	1
	Chester (Sealand)	1010.5	+4	SE	2	3c	41	95	6	5	–	–	10	10	1500	1	*
8	L'pool (Bidston)	1010.0	+4	SE'E	3	c/d	41	95	7	5	–	–	9+	9+	2500	1	*
	Manchester	1010.3	+3	ESE	3	3c	42	85	5	5	–	–	1	1	1500	1	*
9	Harrogate	1012.7	+10	SE	1	c	41	95	5	5	–	–	10	10	2500	1	*
10	Spurn Head	1012.2	+6	SSE	4	c	45	95	6	5	2	–	4-6	9+	1500	0	3
	Catterick	1011.7	+16	SE'S	1	c	42	95	6	5	–	–	10	10	800	1	*
	Tynemouth	1011.9	+20	SSE	4	c	45	95	7	6	–	–	10	10	1500	1	3
11	Inchkeith	1011.6	+16	E	2	c	44	95	7	5	1	–	2-3	10	1500	1	*
	Leuchars	1012.0	+12	ESE	3	c	46	85	6	5	–	–	10	10	800	1	*
12	Renfrew (Abbotsl)	1011.3	+14	–	0	m	35	95	4	5	–	–	10	10	2500	1	*
	Eskdalemuir	1011.6	+16	ESE	2	c	41	95	6	5	–	–	10	10	1500	1	*
13A	Tiree	1008.1	+12	ESE	5	c	45	85	7	5	7	–	4-6	7-8	2500	0	0
13B	Stornoway	1008.9	+10	SSE	4	c	47	75	8	5	7	–	4-6	7-8	1500	1	2
15	Dalwhinnie	1012.2	+16	S	1	c	39	95	6	4	6	–	7-8	10	1500	1	*
	Aberdeen	1014.0	+18	SE	5	c	46	75	7	9	–	–	10	10	1500	1	4
	Wick	1012.7	+10	SE	8	pr	46	95	7	8	1	–	7-8	10	1500	1	4
16	Lerwick	1016.4	+4	SE	7	c	45	85	7	5	2	–	4-6	9+	1500	1	*
17	Blacksod Point	1003.1	+10	SSE	4	bc	47	95	8	–	4	–	0	4-6	–	1	3
18	Malin Head	1007.9	+20	S'E	4	b	42	85	7	4	–	–	1	1	1500	1	2
	Aldergrove	1008.5	*	E	2	3c	43	85	6	4	–	–	9+	9+	4000	1	*
	Donaghadee	1008.7	+6	SE	3	bc	46	85	7	5	3	–	4-6	4-6	1500	0	2
19	Birr Castle	1004.3	+6	SSE	1	c	45	95	8	8	–	–	7-8	7-8	2500	1	*
20	Valentia Obsy.†	1002.4	+10	SE'E	3	c	48	85	8	5	3	1	4-6	7-8	1500	1	3
	Roches Point	1003.6	+6	SSE	4	c	50	95	7	6	–	–	7-8	7-8	1500	1	4

PAST 24 HOURS.

District	Stations	Temperature: Max. Day 7h-18h °F. (31)	Temperature: Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall: Day 7h-18h mm. (34)	Rainfall: Night 18h-7h mm. (35)	Sunshine 23rd Hrs. (36)
1	London (Kew)	49	37	28	3	0.2	1.4
	Croydon	48	41	35	1	0.2	0.4
	S. Farnborough	51	34	27	1	0.5	1.9
	Boscombe Down	50	37	35	0.3	1	3.2
	Calshot, (S'thmtn)	52	45	43	–	Tr	4.7
	Lympne	44	40	39	8	3	0.0
	Manston	43	40	39	4	2	0.0
2	Shoeburyness	44	41	40	3	–	0.0
	Felixstowe	46	42	41	1	2	0.0
	Gorleston	47	44	42	Tr.	0.6	0.0
	Cranwell	43	41	41	1	0.3	0.0
3	Birmingham	43	35	35	5	–	0.0
	Upper Heyford	44	35	30	7	0.4	*
4	Ross-on-Wye	46	36	33	0.3	–	2.7
5	Portland Bill	52	46	*	0.4	0.6	*
	Plymouth	50	46	44	0.2	10	0.9
	The Lizard	51	48	*	0.4	4	*
	Scilly (St. Mary's)	50	47	*	2	3	0.0
	Guernsey	51	45	44	0.4	5	3.7
6	Pembroke	50	(47)	*	Tr.	Tr	1.8
7	Holyhead	50	40	31	1	–	1.6
	Chester (Sealand)	44	35	32	1	0.2	0.0
8	L'pool (Bidston)	43	39	38	1	0.1	0.0
	Manchester	44	37	28	3	–	0.0
9	Harrogate	41	40	38	2	1	0.0
10	Spurn Head	46	44	*	Tr.	2	0.0
	Catterick	42	41	41	0.1	1	0.0
	Tynemouth	46	44	41	0.6	1	*
11	Inchkeith	46	41	39	1	2	0.0
	Leuchars	45	42	40	Tr.	0.5	0.0
12	Renfrew (Abbotsl)	42	31	26	5	–	0.0
	Eskdalemuir	41	38	36	0.4	Tr	0.0
13A	Tiree	45	43	40	2	0.1	0.0
13B	Stornoway	48	44	*	–	1	0.0
15	Dalwhinnie	42	35	33	1	1	0.0
	Aberdeen	47	44	41	4	9	0.0
	Wick	47	44	*	2	1	*
16	Lerwick	46	41	*	1	3	0.0
17	Blacksod Point	47	45	*	–	0.1	*
18	Malin Head	46	40	*	2	–	0.8
	Aldergrove	46	38	36	1	0.3	0.8
	Donaghadee	47	40	*	1	4	*
19	Birr Castle	47	42	32	–	0.1	2.7
20	Valentia Obsy.†	51	47	42	0.2	8	1.5
	Roches Point	52	48	*	1	6	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet	Weather: Morning (24 hrs. ended 9h.)	Weather: Afternoon (24 hrs. ended 9h.)	Weather: Night (24 hrs. ended 9h.)	Temperature: Day Max. °F.	Temperature: Night Min. °F.	Temperature: Min. on Grass °F.	Rainfall: Day mm.	Rainfall: Night mm.	Sunshine to Sunset, hrs. (Yesterday.)	Humidity: 15h. G.M.T. % (Yesterday.)	Humidity: 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	or.rc	bcm.bf	bf.f'dm	49	37	28	3	0.2	1.4	*	*	5
Croydon	217	cr.r.m.	bcm.w	bf.wod.	48	41	35	1	0.2	0.4	*	*	6
Greenwich (Royal Observatory)	149	rr.d.m.	cb.m.	bw.d.	46	41	35	2	0.3	0.1	97	90	5
City (Bunhill Row)	—				*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park)	27	*	*	*	48	42	33	3		0.0	91	85	*
Regents Pk. (Botanic Gardens)	168	*	*	*	48	41	35	2	2	0.0	92	91	*
Camden Square	110	crc	c	*	46	42	30	2	1	*	*	92	*
Kensington	80	or.cr.f	c.b.f	*	47	39	29	2	0.6	0.0	At 18h. 97		*
Hampstead Observatory	450	or	of	of	46	39	32	2	1	0.0	92	100	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

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

Kew Observatory. Max.	Time.	Min.	Time.
0.6	19h. 23rd	<0.1	6h. 24th.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 23rd December: Barom. mb.	Wind: Direc.	Wind: Force	Weather	Temp. °F.	7h. G.M.T. 24th December: 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	SE	2	3c	41	1008.7	E	2	0	37	41	37	–	–
Brussels						1012.4	ESE	3	0	36		34		–
Berlin	1013.1	ESE	3	c	30	1013.2	ENE	3		27	34	25	–	Tr
Zürich														
Rome	1010.6	NE	2	bc	45	1013.1	NE	2	c	37	x	x	–	–

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† Ten observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h § Sea disturbance reported from Dungeness

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 25th December 1934.

No. 26696

District	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 24th December: Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	1011.6	+2	E	3	c	41	85	5	5	-	-	10	10	1500
	Croydon	1012.5	+4	E'N	3	3o	40	95	6	5	-	-	10	10	800
	S. Farnborough	1012.1	+2	E	3	o	41	95	6	6	-	-	10	10	1500
	Boscombe Down	1010.7	+2	E'N	3	3o	43	85	6	5	-	-	9+	9+	800
	Calshot, S'thmtn	1010.5	+4	ENE	5	c	45	85	7	8	7	-	4.6	9	2500
	Lympne	1012.9	+2	E'S	3	3o	39	85	5	5	-	-	10	10	1500
	Manston	1012.8	0	E	3	c	40	85	6	5	-	-	10	10	800 ~~450~~
2	Shoeburyness	1013.0	-2	E	3	c	42	85	6	5	2	-	7.8	9+	2500
	Felixstowe	1013.5	+2	ESE	4	3o	45	75	6	5	2	-	9	10	1500
	Gorleston	1014.3	+10	ESE	4 ~~5~~	c	45	75	6	5	-	-	9+	9+	2500
	Cranwell	1014.6	+6	E'S	2	3o	43	95	6	8	-	-	9+	9+	1500
3	Birmingham	1012.6	+6	ESE	3	m	41	95	4	6	2	-	4.6	10	800
	Upper Heyford	1012.6	+6	E	3	3o	40	95	5	5	-	-	10	10	800
4	Ross-on-Wye	1011.4	+4	E	3	3o	43	85	6	5	-	-	10	10	2500
5	Portland Bill	1009.3	×	ESE	5	c	49	75	7	4	7	-	7.8	10	2500
	Plymouth	1007.0	+6	SE'E	5	ir.	48	85	8	5	2	-	7.8	9+	800
	The Lizard	1004.3	+6	S	4	c/r	50	95	7	9	6	-	7.8	9	2500
	Scilly (St. Mary's)	1003.6	+6	W'N	4	c/p	50	95	8	8	6	3	4.6	7.8	2500
	Guernsey	1008.3	+26	SSE	3	c	47	85	8	8	-	-	9	9	2500
6	Pembroke	1007.4	+8	ESE	7	3o	47	85	5	5	2	-	4.6	9	4000
7	Holyhead	1010.7	+10	E'S	2	6c	46	75	67	5	-	6	Tr	4.6	5700
	Chester (Sealand)	1012.9	+2	SE'E	3	c/r.	44	95	5	5	-	-	9+	9+	1500
8	L'pool (Bidston)	1012.7	+2	SE'S	4	m	44	85	4	5	-	-	10	10	1500
	Manchester	1013.7	+10	SE'E	4	3o	43	85	5	5	-	-	10	10	1500
9	Harrogate	1015.0	+6	SE	2	rf	41	95	3	5	-	-	10	10	<150
10	Spurn Head	1015.0	+4	SE	5	c	43	95	7	3	2	-	7.8	9+	1500
	Catterick	1015.5	+10	SE'S	3	r.r.	42	95	6	-	2	-	0	10	1500
	Tynemouth	1015.3	+8	SSE	5	c	45	75	7	9	-	-	7.8	10	1500
11	Inchkeith	1015.5	0	SE	1	c	45	95	6	5	-	-	9+	9+	2500
	Leuchars	1016.0	+14	ESE	4	r.r.	44	95	6	6	2	-	7.8	10	800
12	Renfrew (Abbotsl.)	1013.9	+10	E	3	3o	45	75	5	5	3	2	2.3	7.8	4000
	Eskdalemuir	1014.7	+8	SE'S	4	c	42	85	6	5	7	-	4.6	9	1500
13A	Tiree	1010.3	+2	E'S	5	c	46	75	8	5	6	-	4.6	7.8	2500
13B	Stornoway	1012.3	+10	SSE	4	bc	47	75	7	7	7	-	2.3	4.6	2500
15	Dalwhinnie	1014.6	+8	SW	2	c	41	85	6	3	2	-	4.6	10	800
	Aberdeen	1017.5	+14	SES	4	c	46	65	7	8	-	-	10	10	1500
	Wick	1016.4	+8	SE	8	c	46	85	7	8	1	-	7.8	10	1500
16	Lerwick	1019.9	+12	S	7	c	45	75	7	8	2	-	4.6	7.8	1500
17	Blacksod Point	1009.3	+4	E	3	c	47	95	8	4	-	-	7.8	7.8	2500
18	Malin Head	1008.6	-4	S'E	4	bc	45	85	7	4	4	3	1	2.3	1500
	Aldergrove	1010.6	+2	ESE	5	3o	45	85	6	5	7	-	9	9+	2500
	Donaghadee	1010.7	+4	SSE	3	c	47	85	8	5	-	-	7.8	7.8	1500
19	Birr Castle	1005.4	+8	SE	2	bc	49	85	8	5	-	-	4.6	4.6	4000
20	Valentia Obsy.	1003.7	-2	SE'S	3	c/p.	51	85	8	8	7	1	7.8	9	1500
	Roches Point	1006.2	+12	SE	4	c/p.	49	95	7	8	-	-	7.8	7.8	1500

District	Stations. (For heights see p. 4.)	OBSERVATIONS at 18h. G.M.T. 24th December: 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) (33)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	1014.5	+16	E'S	2	0	42	85	5	5	-	-	10	10	1500	1	*
	Croydon	1014.2	+12	ENE	3	3o	40	85	6	5	-	-	10	10	1500	1	*
	S. Farnborough	1014.6	+18	ESE	2	3o	39	85	6	6	-	-	10	10	1500	1	*
	Boscombe Down	1013.4	+12	E'N	3	3o	39	95	6	5	-	-	10	10	2500	1	
	Calshot, S'thmtn	1013.3	+14	NE'E	3	c	42	85	7	5	-	-	9+	9+	2500	1	1
	Lympne	1014.7	+12	E	2	3o	39	85	5	5	-	-	10	10	1500	1	§ 2
	Manston	1014.4	+8	E	4	0	41	85	6	5	-	-	10	10	800	1	*
2	Shoeburyness	1014.7	+12	E	4	c	44	85	6	5	-	-	9+	9+	2500	1	*
	Felixstowe	1015.4	+12	E'S	4	c	44	75	7	5	-	-	10	10	1500	1	3
	Gorleston	1015.5	+6	E'S	5	c	45	75	6	5	-	-	9+	9+	2500	0	3
	Cranwell	1015.9	+16	ENE	2	3o	42	95	6	5	-	-	10	10	1500	1	*
3	Birmingham	1015.0	+14	E	3	0	41	85	6	6	-	-	10	10	1500	1	*
	Upper Heyford	1014.8	+12	E	2	3o	40	95	6	5	-	-	10	10	1500	1	*
4	Ross-on-Wye	1013.6	+14	E'S	3	3o	41	85	5	5	-	-	10	10	1500	1	
5	Portland Bill	1011.7	-	ESE	5	c	47	95	7	5	-	-	10	10	1500	1	4
	Plymouth	1009.8	+14	ESE	4	c	48	85	8	8	-	-	9+	9+	2500	1	3
	The Lizard	1008.6	+20	S'W	3	c	49	95	8	8	-	-	7.8	7.8	1500	1	2
	Scilly (St. Mary's)	1006.9	+20	SW	3	c	48	95	8	8	6	4	2.3	7.8	2500	1	2
	Guernsey	1010.8	+14	SSE	2	c	47	95	7	8	-	-	7.8	7.8	2500	1	3
6	Pembroke	1008.4	+12	ESE	7	3o	46	85	6	5	-	-	10	10	2500	1	4
7	Holyhead	1011.8	+10	ESE	3	6c	43	85	6	-	-	1	0	Tr	-	1	2
	Chester (Sealand)	1015.0	+14	SE'E	3	0	42	85	5	5	-	-	10	10	1500	1	*
8	L'pool (Bidston)	1014.7	+14	SSE	3	c	42	85	6	5	-	-	10	10	1500	1	*
	Manchester	1015.4	+14	SE'E	3	id.	43	85	5	5	-	-	10	10	1500	1	*
9	Harrogate	1016.7	+6	SE	1	b	38	95	5	-	-	-	0	0	-	1	*
10	Spurn Head	1016.3	+2	SE'E	3	c	44	85	7	5	2	-	4.6	10	2500	0	2
	Catterick	1017.3	+10	-	0	0	35	95	6	5	-	-	10	10	1500	1	*
	Tynemouth	1018.1	+14	SE	4	0	45	65	8	6	-	-	10	10	1500	1	3
11	Inchkeith	1016.5	+8	SE	3	c	44	85	8	5	2	-	2.3	10	1500	0	2
	Leuchars	1018.0	+18	SE	3	c	44	75	6	5	2	-	7.8	10	800	1	*
12	Renfrew (Abbotsl.)	1015.7	+14	E	4	3o	44	75	5	5	-	-	10	10	2500	1	*
	Eskdalemuir	1016.5	+14	ESE	3	c	40	85	6	5	-	-	10	10	1500	1	*
13A	Tiree	1011.1	+4	E'S	5	bc	45	75	8	5	-	-	4.6	4.6	2500	0	4
13B	Stornoway	1013.0	+6	SSE	4	bc	47	75	7	5	7	-	2.3	4.6	1500	1	2
15	Dalwhinnie	1017.0	+2	S	4	c	39	85	6	3	2	-	4.6	9	800	0	
	Aberdeen	1019.7	+14	SE	5	9	45	55	7	5	-	-	10	10	1500	1	4
	Wick	1018.1	+8	SE	8	c	46	85	7	8	1	-	7.8	10	1500	1	4
16	Lerwick	1022.2	+16	S'E	6	c	45	75	8	8	2	-	4.6	7.8	1500	1	*
17	Blacksod Point	1003.4	-4	E	5	9	48	85	8	-	7	-	0	7.8	-	1	4
18	Malin Head	1003.2	+6	S'E	4	bc	45	85	7	4	-	-	2.3	2.3	1500	1	2
	Aldergrove	1011.7	+6	ESE	4	3o	46	85	6	5	-	-	9+	9+	4000	1	*
	Donaghadee	1011.9	+6	SSE	5	9	47	85	8	5	-	-	7.8	7.8	1500	0	3
19	Birr Castle	1006.5	+4	SE	3	6	46	95	7	5	-	-	10	10	2500	1	*
20	Valentia Obsy.	1002.4	-8	SE	5	c	50	75	8	5	2	-	7.8	10	1500	1	3
	Roches Point	1006.4	-2	SE	5	c	49	95	7	8	-	-	7.8	7.8	1500	1	4

PAST 24 HOURS.

Stations. (For heights see p. 4.)	Weather. 7h.–13h. 24th (37)	Weather. 13h.–18h. 24th (38)	Weather. 18h. 24th to 1h. 25th (39)	Weather. 1h.–7h. 25th (40)
London (Kew)	cm.	c3o	om.	om.
Croydon	om.	cm.	c6cm.	6cm.cm.
S. Farnborough	oid.m.o	om.o	o6x	6xo
Boscombe Down	c5m.	cm.	cm.	ccr.m.
Calshot, S'thmtn	cm.c	cm.c	cm.c	cm.c
Lympne	cm.om.	om.	ocm.	com.
Manston	c	com.	om.	om.c
Shoeburyness	cm.	cm.	com.	c
Felixstowe	c3o	c3oc	c	c
Gorleston	cq	cq	cq	cq
Cranwell	cido.c	cido.c	cm.c	c.m.
Birmingham	5opr.	mo	oc	o
Upper Heyford	ord.	oc	c	c6cccw
Ross-on-Wye	com.d.cm.	com.	ocm.bm.c	cm.om.
Portland Bill	c	c	orr	orrc
Plymouth	cir.	circ	curbc	bcccr
The Lizard	cprrc	c	cpr.c	crr
Scilly (St. Mary's)	cido	cbcc	cbcwc ~~cir.~~ rr	cir.rr
Guernsey	oir.c	c	oc	c
Pembroke	cr.r.cq3o	cqm.ec	cqrrc	cqcrc
Holyhead	bccbc	bm.	66c	b6c
Chester (Sealand)	om.ir.	ir.om.	om.	m.c
L'pool (Bidston)	5ep.m	mcc	c	cbcc
Manchester	cmm.	cmd.	d.c.m.	c m.
Harrogate	orgr	5orb	66cc	c
Spurn Head	co	c	cbc	c
Catterick	om.rr	or.r.cm.	om.	om.ir.
Tynemouth	oirc	coq	ocr.q	ocr.q
Inchkeith	oc	co	c	c
Leuchars	cm.r.r.	r.r.c.r.c	cm.c	cpr.c
Renfrew (Abbotsl.)	cmi6ggm	bc3c3o	c3o	c3o
Eskdalemuir	cbcc	cm.	cm.	cm.
Tiree	c	c	bcc	c
Stornoway	cbc	cbc	bcq	bcbq
Dalwhinnie	c	c	*	r.bc
Aberdeen	cqpr.	cpr.qy	cqpr.	cqpr.
Wick	cprc	c	cpr.c	cprc
Lerwick	c	cpr.	cprbc	bcqprh
Blacksod Point	c	cq	cq	pr.cq
Malin Head	bc	bc	c	c
Aldergrove	cm.	cm.	cm.bccq	cr.q
Donaghadee	cprsc	cq	cq	cq
Birr Castle	cbc	bcero	ocr	ocrc
Valentia Obsy.	cbpc	c	clcrr	rrRRr
Roches Point	cpr.c	cpr.c	cpro	cRcr

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 4—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.*

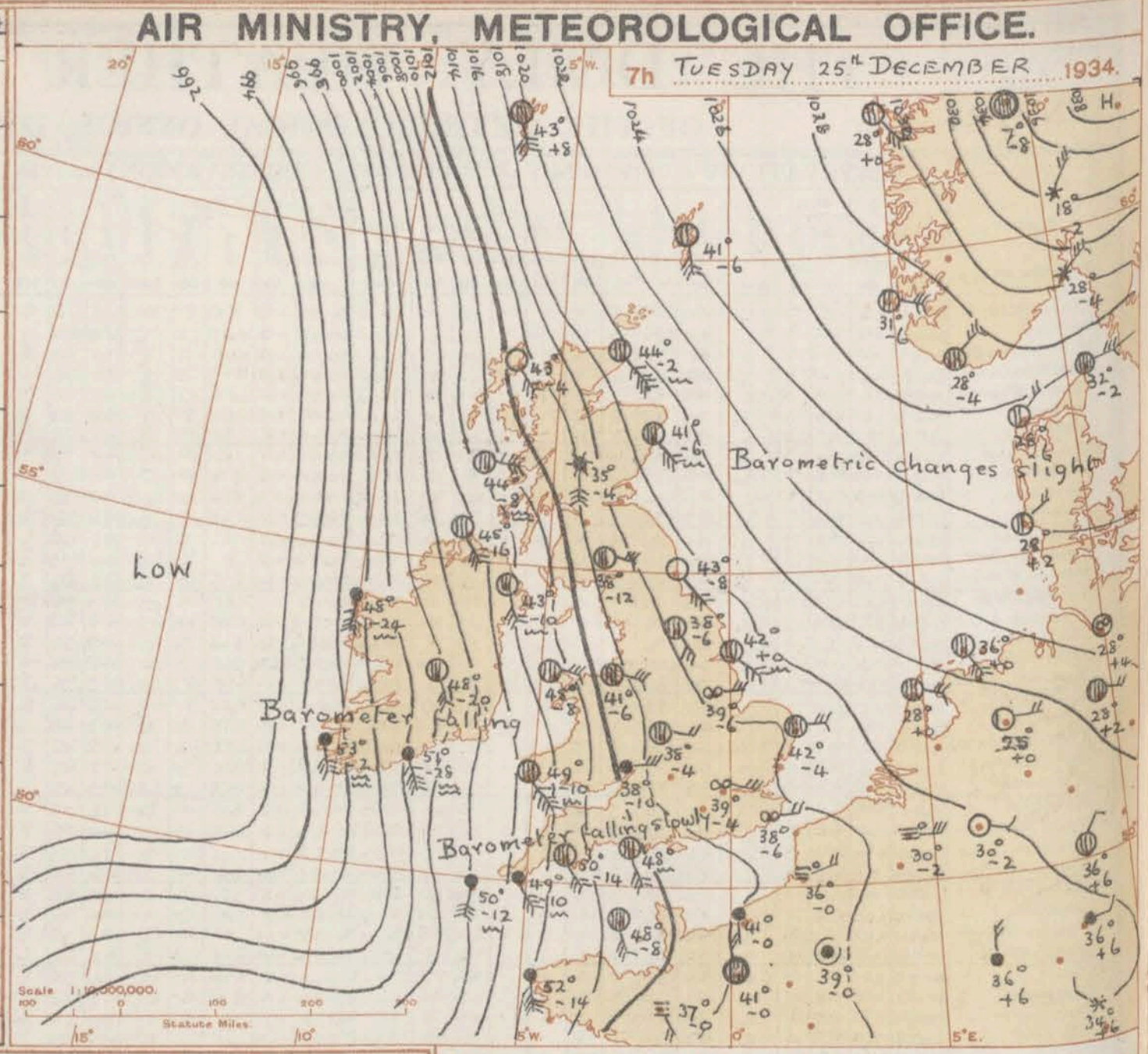
§ Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 24th December 1934

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 23rd 9h. to 24th 9h.	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.	o	o	40	41	2	–	0·0
	Bournemouth	o	o	43	47	2	–	0·0
	Ventnor ...	ou	ou	44	46	–	–	0·0
	Southsea ...	c	c	44	45	2	–	0·0
	Bognor Regis	c	c	44	46	0·3	–	0·0
	Littlehampton	c	c	43	45	0·4	–	0·0
	Worthing ...	c	c	44	45	–	Trace	0·0
	Brighton ...	c	c	43	44	Trace	–	0·0
	Eastbourne†	o	o	43	46	0·2	–	0·0
	Hastings† ...	oco	o	42	45	1	–	0·0
	Folkestone ...	c	o	39	41	3	–	0·0
	Dover... ...	o	oco	40	42	3	–	0·0
	Deal	o	o	39	42	2	–	0·0
	Ramsgate ...	c	c	40	42	1	–	0·0
	Margate ...	c	c	40	42	1	–	0·0
2	Southend ...	o	o	41	43	0·2	–	0·0
	Maldon ...	po	o	41	44	0·3	–	0·0
	Clacton-on-Sea	c	c	43	45	1	–	0·0
	Dovercourt ...	roc	oc	42	44	2	–	0·0
	Lowestoft ...	id.oc	c	43	45	0·5	–	0·0
	Skegness ...	or.o	o	43	45	–	Trace	0·0
	Mablethorpe	od.m.	o	43	45	Trace	–	0·0
	Cleethorpes ...	ou	o	39	44	–	–	0·0
3	Leamington S.	ome	o	37	44	0·3	–	0·0
4	Cheltenham†	orm p	op.o	37	44	0·3	0·5	0·0
5	Bath	c	c	38	45	Trace	–	0·0
	Weymouth ...	c	c	45	49	0·4	–	0·2
	Jersey ...	repc	c	44	47	9	0·1	0·0
	Torquay ...	orq.cp	p.cbc	39	50	5	0·3	0·5
	Penzance ...	rc	c	48	52	5	0·5	0·0
	St. Ives ...	d	c	45	51	3	3	0·0
	Bude	pbc	bc	44	50	1	–	3·5
	Ilfracombe	c	oc	45	48	0·5	–	0·1
6	Aberystwyth	gcbc	bcc	39	48	–	–	2·8
7	Llandudno ...	c	cd.c	37	46	–	Trace	0·2
	Colwyn Bay...	oco	oco	34	45	–	–	0·0
	Rhyl	cm.	cr.	33	45	Trace	Trace	0·0
8	Wallasey ...	sm	m	40	45	–	–	0·0
	Southport‖ ...	bcco	o	36	43	–	–	0·0
	Blackpool ...	cmc	c	37	44	–	–	0·0
	Morecambe ...	cbc	c	40	46	–	–	0·2
9	Ilkley	om.d.	ogd.o	38	42	1	1	0·0
10	Berwick-on-T.	or.	o	40	45	2	1	0·0
11	Dunbar ...	cm.p	cm.p	41	45	0·3	0·3	0·0
12	Troon... ...	rc.bc	cbcc	35	45	Trace	–	0·1
	Douglas ...	cm.	oidq	42	46	0·3	Trace	0·0

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



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 25th December, 1934
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Wind southeasterly veering southerly, moderate rising to fresh, dull with slight local rain today, continuous rain tonight, bright periods tomorrow; average temperature becoming milder.
5. S.W. England	As 17 - 20.
6. South Wales 7. North Wales 8. N.W. England	Wind southerly veering southwesterly, fresh to strong, gale on coast; dull, slight local rain, continuous rain later, bright periods and showers tomorrow; average temperature becoming milder.
9. N. Midlands 10. N.E. England 11. S.E. Scotland	As 1 - 4.
12. S.W. Scotland & Isle of Man 13. A. W. Scotland. B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	As 6 - 8.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind southerly, veering southwesterly, gale on coasts; dull, rain today, bright periods and showers tomorrow; 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 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.

GENERAL INFERENCE.

An intense depression appears to be stationary about 600 miles to northwest of Ireland while secondaries are approaching our southwest coasts.

FURTHER OUTLOOK.

Very Unsettled

Times of issue of Gale Warnings.

South Cone at 1445 on 23rd in dists 15 and 16.
South Cone at 1425 on 24th in dist. 5(part of), 6, 7, 8 12, 13A and 13B, 17, 18, 19, 20.

Forecasts issued at 1300 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

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

Morning of Tuesday 25th December. 1934.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 25th December 1934.

No. 26696

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

District.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1016·0	+1	ESE	1	3c	37	95	6	5	3	-	4·6	7·8	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1015·9	+4	E'S	3	3c	39	85	5	5	-	-	10	10	1500
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1017·7	+6	E'S	5	c	43	85	7	5	-	-	10	10	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1012·3	-	E	5	rr	47	95	7	5	-	-	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240														
	Scilly (St. Mary's)	163	1007·9	-8	S	5	c	50	95	8	5	7	-	2·3	9+	2500
	Guernsey	175	1012·9	+6	SSE	2	c	47	95	7	8	-	-	10	10	1500
6	Pembroke	142	1009·7	+4	SE'E	7	c	49	95	6	8	-	-	10	10	1500
7	Holyhead	26														
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1017·3	0	SE	5	8c	43	95	7	4	7	-	2·3	4·6	2500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1018·0	0	SE	5	0	44	75	8	6	-	-	10	10	1500
11	Inchkeith	190	1017·7	+4	E	4	c	42	85	8	5	-	-	9+	9+	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1014·0	+6	SSE	5	8c	45	65	7	8	-	-	2·3	2·3	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1020·8	+2	SE	8	c	46	85	8	8	-	-	4·6	7·8	1500
16	Lerwick	156	1022·4	+10	S'E	5	8c	42	85	8	8	-	-	4·6	4·6	1500
17	Blacksod Point	18														
18	Malin Head	52														
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30														
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 25th 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)	1015·6	+4	SE'S	2	0	39	85	5	5	-	-	10	10	1500	1	*
	Croydon	1015·4	-4	ESE	3	3c	39	85	6	5	-	-	9+	9+	1500	1	*
	S. Farnborough	1014·6	-8	E	1	c	36	95	6	5	-	-	10	10	1500	1	*
	Boscombe Down	1013·4	-8	E'S	2	3c	36	95	5	5	-	-	10	10	1500	1	*
	Calshot, (S'thmtn)	1013·9	-4	ENE	4	c	41	95	6	5	-	-	9+	9+	2500	1	2
	Lympne	1015·6	-6	E	2	3c	38	95	5	5	-	-	10	10	800	1	§1
	Manston	1016·0	-2	E	4	c	39	85	7	5	-	-	10	10	800	1	*
2	Shoeburyness	1015·6	0	SE	3	c	41	85	7	5	-	-	9+	9+	2500	1	*
	Felixstowe	1016·4	0	ESE	4	c	42	75	7	5	-	-	10	10	2500	1	3
	Gorleston	1017·0	-4	E'S	4	c	42	85	6	5	-	-	10	10	2500	0	3
	Cranwell	1016·3	-6	E	3	3c	39	95	6	5	-	-	10	10	1500	1	*
3	Birmingham	1014·7	-4	ESE	2	c	38	95	6	5	-	-	10	10	1500	1	*
	Upper Heyford	1015·4	-6	-	0	m	36	95	6	5	-	-	10	10	1500	1	*
4	Ross-on-Wye	1013·1	-10	E	3	cdc	38	85	6	5	-	-	10	10	1500	1	*
5	Portland Bill	1011·7	*	SSE	5	c	48	85	7	5	-	-	10	10	2500	1	4
	Plymouth	1009·4	-14	SE'S	5	c	50	95	8	5	2	-	7·8	10	1500	1	2
	The Lizard	1007·5	-10	SSE	6	rr	49	95	6	5	-	-	10	10	1500	1	4
	Scilly (St. Mary's)	1004·9	-12	S	6	8c	50	95	5	6	-	-	10	10	1500	1	4
	Guernsey	1012·8	-8	S'E	4	c	48	95	7	8	-	-	10	10	2500	1	3
6	Pembroke	1006·5	-10	SE'S	8	8c	49	85	6	5	2	-	7·8	10	2500	1	4
7	Holyhead	1009·2	-8	ESE	4	c	45	85	7	5	9	-	2·3	9	4000	1	2
	Chester (Sealand)	1013·9	-6	SE'E	4	c	41	85	6	5	-	-	9+	9+	2500	1	*
8	L'pool (Bidston)	1013·5	-4	SSE	4	c	41	85	7	5	-	-	10	10	2500	0	*
	Manchester	1014·3	-12	SE'E	5	3c	41	85	6	5	-	-	10	10	2500	1	*
9	Harrogate	1016·3	-6	SE	3	c	38	95	5	5	2	-	9+	10	2500	1	*
10	Spurn Head	1016·8	0	SE	5	c	42	85	7	3	2	-	4·6	9+	1500	0	4
	Catterick	1016·2	-6	ESE	3	2c	40	85	6	6	2	-	4·6	10	1500	1	*
	Tynemouth	1016·8	-8	SE	5	0/c	43	85	7	6	-	-	10	10	1500	1	3
11	Inchkeith	1017·1	-16	ESE	4	c	41	85	8	5	-	-	9+	9+	2500	0	3
	Leuchars	1017·6	-4	SE	4	c	41	75	7	8	3	-	7·8	9	2500	1	*
12	Renfrew (Abbotsl)	1014·3	-14	E'N	4	3c	42	75	6	5	-	-	10	10	2500	1	*
	Eskdalemuir	1015·0	-12	ESE	4	c	38	85	6	5	-	-	9+	9+	1500	1	*
13A	Tiree	1009·4	-8	E'S	7	c	44	65	7	5	-	-	9+	9+	2500	0	5
13B	Stornoway	1012·9	-4	SE	5	6	43	75	8	8	-	-	1	1	4000	1	3
15	Dalwhinnie	1014·7	-4	S	6	8c	35	85	6	4	2	-	4·6	9	800	6	*
	Aberdeen	1018·4	-6	SE'E	5	q	41	75	8	8	3	-	7·8	9+	2500	1	4
	Wick	1019·2	-2	SE	8	c	44	75	8	8	1	-	4·6	7·8	1500	1	4
16	Lerwick	1024·0	-6	S'E	5	8c	41	85	8	8	-	-	4·6	4·6	1500	1	*
17	Blacksod Point	996·8	-24	S	7	rr	48	95	7	6	-	-	10	10	450	1	4
18	Malin Head	1005·4	-16	SE	5	c	45	85	7	8	-	-	9+	9+	1500	0	2
	Aldergrove	1008·4	-14	E'S	5	dc	43	95	6	5	-	-	10	10	800	1	*
	Donaghadee	1009·2	-10	SSE	5	q	43	95	7	9	-	-	9+	9+	1500	0	4
19	Birr Castle	1001·6	-20	SSE	4	c	48	85	7	6	-	-	9	9	1500	1	*
20	Valentia Obsy.†	995·6	-2	SSE	6	8c	53	95	8	6	-	-	10	10	1500	1	5
	Roches Point	1000·9	-28	SSE	8	8c	51	95	6	6	-	-	10	10	800	1	5

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)	43	36	26	-	-	0·0
	Croydon	42	36	31	-	-	0·0
	S. Farnborough	42	30	22	0·1	-	0·0
	Boscombe Down	44	34	32	Tr	0·1	1·3
	Calshot, (S'thmtn)	47	39	38	-	-	0·1
	Lympne	40	37	36	-	-	0·0
	Manston	42	39	38	-	-	0·0
2	Shoeburyness	44	39	39	-	-	0·0
	Felixstowe	45	41	40	-	-	0·0
	Gorleston	45	40	39	-	-	0·0
	Cranwell	43	38	37	0·1	-	0·0
3	Birmingham	42	37	36	0·3	-	0·0
	Upper Heyford	43	35	30	0·2	-	*
4	Ross-on-Wye	43	36	28	Tr	-	0·0
5	Portland Bill	56	45	*	-	2	*
	Plymouth	48	47	44	0·1	3	0·0
	The Lizard						
	Scilly (St. Mary's)	50	48	*	0·6	1	*
	Guernsey	53	48	*	0·1	4	3·3
		47	45	44	0·6	-	0·2
6	Pembroke	49	46	*	0·1	0·5	1·6
7	Holyhead	47	41	36	-	-	3·6
	Chester (Sealand)	44	40	37	0·1	-	0·0
8	L'pool (Bidston)	44	40	38	Tr	-	0·0
	Manchester	44	41	37	Tr	Tr	0·0
9	Harrogate	42	38	34	2	-	0·0
10	Spurn Head	46	42	*	-	-	0·0
	Catterick	42	35	32	2	Tr	0·0
	Tynemouth	46	43	40	1	Tr	*
11	Inchkeith	46	41	38	1	-	1·1
	Leuchars	46	40	37	1	0·3	0·0
12	Renfrew (Abbotsl)	45	39	36	-	-	2·3
	Eskdalemuir	42	37	36	-	-	2·2
13A	Tiree	46	42	40	-	-	0·2
13B	Stornoway	48	42	*	-	-	2·5
15	Dalwhinnie	41	33	32	-	2	0·0
	Aberdeen	46	40	38	Tr	0·6	0·0
	Wick	47	40	*	0·1	0·3	*
16	Lerwick	46	39	*	Tr	1	0·0
17	Blacksod Point	49	36	*	-	1	*
18	Malin Head	46	43	*	-	-	4·2
	Aldergrove	46	43	40	-	0·4	0·6
	Donaghadee	48	39	*	0·3	-	*
19	Birr Castle	49	45	44	0·1	2	2·1
20	Valentia Obsy.†	51	49	46	Tr	14	0·8
	Roches Point	51	48	*	Tr	6	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon. (24 hrs. ended 9h.)	Weather Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (To-day.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	cm	033	om	43	36	26	-	-	0·0	*	*	4
Croydon	217	om	cm	cbcmcm	42	36	31	-	-	0·0	*	*	6
Greenwich (Royal Observatory)	149	cpm	cm	cwom	41	36	29	Tr	Tr	0·0	85	87	5
City (Bunhill Row)	—				*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park)	27	*	*	*	43	40	35	-		0·0	81	81	*
Regents Pk. (Botanic Gardens)‡	168	*	*	*	43	39	36	-	-	0·0	83	87	*
Camden Square	110	oc	c	*	42	40	34	-	-	*	*	84	*
Kensington	80	co	co	*	43	39	31	Tr	-	0·0	At 18h. 74	83	*
Hampstead Observatory	450	ofp	c	o	41	37	31	Tr	-	0·0		93	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

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

Kew Observatory. Max.	Time.	Min.	Time.
0·4	15h. 24*	0·1	6h. 25th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 24th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 25th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1012·3	ENE	1	o	41	1015·9	-	0	cdc	39	43	37	-	Tr
Brussels	1014·7	ENE	3	6	36	1017·2	E	3	m	30	39	30	-	-
Berlin	1020·3	ENE	3	8o 8o	25	1022·4	-	0	c	23	28	21	4	Tr
Zürich	1015·5	ENE	1	m	34	1019·4	NW	1	cs	34	36	34	-	0·1
Rome	1012·5	NE	2	m		1012·2	NE	3	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	1¼ miles.
5 Poor visibility	2½ „
6 Moderate „	6¼ „
7 Good „	12½ „
8 Very good „	31 „
9 Excellent „	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, 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 9h § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 26th December 1934.

No. 26697

OBSERVATIONS at 13h. G.M.T. 25th 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)	1014.4	-12	ESE	2	of	40	95	3	5	–	–	10	10	1500
	Croydon	1015.0	-16	ESE	2	id$_o$	39	95	4	5	–	–	10	10	450
	S. Farnborough	1013.3	-18	E'N	2	d$_o$d$_o$	39	95	3	5	–	–	10	10	450
	Boscombe Down	1012.3	-14	E'S	3	jo	40	95	5	5	–	–	10	10	450
	Calshot, S'thmtn	1011.9	-12	E	3	m	45	95	4	5	–	–	10	10	1500
	Lympne	1015.1	-10	SE	2	m	38	95	4	5	–	–	10	10	220
	Manston	1015.9	-8	SE	4	jo	38	95	6	5	–	–	10	10	800
2	Shoeburyness	1015.4	0	SE	3	c	39	85	6	5	–	–	9+	9+	1500
	Felixstowe	1016.1	-6	SE	4	jo	41	85	6	5	2	–	9	10	1500
	Gorleston	1016.5	-68	SE'E	4	c	40	85	6	5	–	–	10	10	2500
	Cranwell	1015.4	-14	E'S	3	id$_o$	39	95	6	5	–	–	10	10	1500
3	Birmingham	1013.4	-10	SE	2	m	39	85	4	5	–	–	10	10	1500
	Upper Heyford	1013.9	-16	ESE	2	jo	39	95	5	5	–	–	10	10	800
4	Ross-on-Wye	1011.6	-12	E'S	3	r$_o$	41	95	6	6	–	–	10	10	800
5	Portland Bill	1010.7	x	SSE	6	rr	48	95	7	5	–	–	10	10	1500
	Plymouth	1008.0	-14	SSE	5	rr	50	95	6	6	2	–	7-8	10	1500
	The Lizard	1004.7	-20	SE'S	6	rr	50	95	4	6	–	–	10	10	1500
	Scilly (St. Mary's)	1002.9	-8	SSW	5	o|f	52	95	4	5	–	–	10	10	450
	Guernsey	1011.7	-10	S'E	5	o	48	95	7	5	–	–	10	10	1500
6	Pembroke	1005.1	-10	SE'S	7	q	48	85	6	6	–	–	10	10	800
7	Holyhead	1007.8	-14	SE'E	4	r$_o$	45	85	6	6	2	–	2-3	10	2500
	Chester (Sealand)	1012.4	-14	SE	4	r$_o$r$_o$	40	85	5	6	2	–	4-6	10	1500
8	L'pool (Bidston)	1011.4	-8	SSE	4	rr	40	95	4	5	–	–	10	10	800
	Manchester	1013.4	-12	SE'E	4	o|d	41	85	5	5	–	–	10	10	1500
9	Harrogate	1015.3	-6	SE	2	f	37	95	3	5	–	–	10	10	1500
10	Spurn Head	1015.7	-4	SE	6	c	41	95	7	5	2	–	7-8	10	1500
	Catterick	1015.1	-10	SE'E	2	r$_o$r$_o$	38	95	6	–	2	–	10	10	800
	Tynemouth	1015.5	-10	SE	4	o|pr	42	65	7	6	–	–	10	10	1500
11	Inchkeith	1016.2	-8	ESE	3	id$_o$	39	95	8	6	–	–	9+	9+	2500
	Leuchars	1016.1	-8	ESE	4	c	42	75	7	8	7	–	4-6	9	2500
12	Renfrew (Abbotsl.)	1017.7	-18	EN	3	cm	42	75	4	5	1	8	4-6	9+	2500
	Eskdalemuir	1013.5	-12	ESE	4	c	37	85	7	5	–	–	10	10	1500
13A	Tiree	1007.8	-10	E'S	7	c	43	75	7	5	–	–	9+	9+	2500
13B	Stornoway	1013.1	0	SE	6	bc	48	65	8	7	7	8	2-3	4-6	4000
15	Dalwhinnie	1014.6	-4	SSE	5	s	35	85	6	3	6	–	4-6	7-8	800
	Aberdeen	1018.0	-14	SE	5	c|p	39	85	8	9	–	–	9	9	800
	Wick	1018.6	-10	ESE	8	c	43	75	8	8	6	–	4-6	7-8	1500
16	Lerwick	1023.2	-6	S'E	5	c|p	40	65	8	9	2	–	7-8	7-8	1500
17	Blacksod Point	997.6	+4	E	4	bc	49	95	8	4	–	–	4-6	4-6	1500
18	Malin Head	1003.5	-20	ESE	6	r$_o$	44	95	7	6	–	–	10	10	800
	Aldergrove	1007.2	-14	ESE	5	r$_o$r$_o$	43	95	6	6	2	–	7-8	10	450
	Donaghadee	1008.1	-4	SSE	5	r$_o$	45	95	7	9	–	–	9+	9+	1500
19	Birr Castle	1000.7	-8	SE	4	c	49	85	8	8	–	–	7-8	7-8	2500
20	Valentia Obsy.	997.2	-8	SSE	4	c|p	52	85	8	9	3	1	4-6	7-8	1500
	Roches Point	1000.5	-8	SE	3	f	52	95	2	5	–	–	10	10	<150

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

District.	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	1012.7	-12	E	3	m	41	95	4	5	–	–	10	10	1500	1	*
	Croydon	1013.5	-12	SE'E	2	id$_o$	41	95	5	5	–	–	10	10	800	1	*
	S. Farnborough	1011.8	-10	E'N	2	id$_o$	41	95	6	6	–	–	10	10	800	1	*
	Boscombe Down	1009.9	-18	SE	4	rr	43	95	5	6	–	–	10	10	450	1	*
	Calshot, S'thmtn	1011.4	-8	ESE	5	r$_o$6	47	95	8	6	2	–	4-6	10	1500	1	4
	Lympne	1014.4	-4	SSE	3	id$_o$	41	95	6	5	–	–	10	10	450	1	§2
	Manston	1014.7	-4	SE	4	id$_o$	40	95	6	5	–	–	10	10	800	1	*
2	Shoeburyness	1014.3	-4	SE	3	e|d	40	95	6	5	–	–	9+	9+	1500	1	*
	Felixstowe	1015.3	0	S'E	4	jo	40	95	6	5	–	–	10	10	1500	1	3
	Gorleston	1015.6	-4	SE	5	c	42	85	7	5	–	–	10	10	2500	0	4
	Cranwell	1014.4	-8	ESE	4	jo	38	95	6	5	–	–	10	10	1500	1	*
3	Birmingham	1010.6	-12	ESE	3	m	39	95	4	6	–	–	10	10	1500	1	*
	Upper Heyford	1011.6	-10	ESE	3	r$_o$6	39	95	5	5	–	–	10	10	220	1	*
4	Ross-on-Wye	1009.1	-10	ESE	3	jo	42	95	6	6	–	–	10	10	800	1	*
5	Portland Bill	1008.5	-	SE	6	rr	49	95	6	5	–	–	10	10	1500	1	5
	Plymouth	1005.1	-20	SSE	5	rr	50	95	4	6	–	–	10	10	450	1	3
	The Lizard	1002.2	-12	S'E	6	o|f	52	95	3	5	–	–	10	10	1500	1	4
	Scilly (St. Mary's)	999.7	-18	S'W	5	f	53	95	1	5	–	–	10	10	450	1	4
	Guernsey	1008.6	-14	S	5	o|r	49	95	7	5	–	–	10	10	1500	1	4
6	Pembroke	1001.1	-20	SE'S	8	rr	49	95	5	5	–	–	10	10	800	1	4
7	Holyhead	1004.0	-20	E'S	4	c	45	85	6	5	–	–	10	10	1500	1	2
	Chester (Sealand)	1009.2	-12	SE'E	4	r$_o$	40	95	5	6	2	–	4-6	10	1500	1	*
8	L'pool (Bidston)	1008.1	-8	SSE	5	o	40	95	7	5	–	–	10	10	1500	1	*
	Manchester	1010.5	-14	SE'E	5	id$_o$	40	95	5	5	–	–	10	10	1500	1	*
9	Harrogate	1013.4	-6	SE	3	r$_o$r$_o$	37	95	5	6	–	–	10	10	2500	1	*
10	Spurn Head	1013.8	-6	SSE	6	rr	42	95	6	6	–	–	10	10	1500	1	5
	Catterick	1012.8	-2	SE	3	r$_o$6	38	95	6	8-9	2	–	10	10	1500	1	*
	Tynemouth	1013.4	-4	SE	5	r$_o$r$_o$	40	95	7	6	–	–	10	10	1500	1	3
11	Inchkeith	1012.5	-4	ESE	4	r$_o$	39	95	8	6	–	–	10	10	2500	1	3
	Leuchars	1013.8	-4	ESE	4	c|r	41	75	6	5	2	–	9	10	1500	1	*
12	Renfrew (Abbotsl.)	1011.0	-6	E'N	3	r$_o$	40	75	6	5	2	–	7-8	10	1500	1	*
	Eskdalemuir	1012.0	-10	ESE	4	r$_o$r$_o$	36	85	6	6	2	–	10	10	800	1	*
13A	Tiree	1006.6	-2	E'S	7	dd	41	85	6	6	2	–	7-8	10	1500	1	5
13B	Stornoway	1010.5	-4	SE	6	c	41	95	8	5	–	–	7-8	7-8	1500	1	4
15	Dalwhinnie	1011.0	-12	SSE	5	s	34	95	5	3	–	–	10	10	450	6	*
	Aberdeen	1015.9	-4	SE	5	q	40	75	8	9	–	–	9	9	1500	1	4
	Wick	1015.7	-12	ESE	8	pr	42	85	8	9	1	–	7-8	9	1500	1	4
16	Lerwick	1021.3	-4	SE	4	b|c|pr	37	85	8	8	–	–	4-6	4-6	1500	0	*
17	Blacksod Point	995.3	-16	ESE	4	c	49	95	8	8	–	–	7-8	7-8	1500	1	4
18	Malin Head	1001.5	-8	SE	6	u	45	95	7	6	–	–	10	10	800	1	3
	Aldergrove	1003.8	-18	E'S	5	d$_r$	44	95	6	6	–	–	10	10	450	1	*
	Donaghadee	1005.9	-12	SSE	5	r$_o$	45	95	7	9	–	–	9+	9+	1500	1	3
19	Birr Castle	996.6	-30	SE	4	c	50	95	8	6	2	–	7-8	10	2500	1	*
20	Valentia Obsy.	989.0	-58	E'S	6	rr	52	85	7	6	2	–	4-6	10	1500	1	4
	Roches Point	996.3	-26	SE	4	r$_o$R	51	95	5	6	–	–	10	10	800	1	5

PAST 24 HOURS. WEATHER.

7h.–13h. 25th (37)	13h.–18h. 25th (38)	18h. 25th to 1h. 26th (39)	1h.–7h. 26th (40)
omoje	ofrom	oir. or	orrcbc
em$_o$omd$_o$	~~omdm$_o$~~	crm.$_o$d$_o$	crrm$_o$
od$_o$d$_o$fo	ofd$_o$rro	ld.rro	oR.bc
com$_o$	orm	orrm$_o$	Rc ir$_o$
em$_o$om	om$_o$rr	cr.rrR	cRrrc
om$_o$m	ommdm$_o$		crrid$_o$c
cm$_o$	cmid$_o$	cir$_o$	corr
cm$_o$	cd$_o$m$_o$	cm.	crrbc
ccjo	cjoojo	o3$_o$	o3$_o$rrcm$_o$
cq	cq	cq	or$_o$rr
cm$_o$	oid$_o$r$_o$	or$_o$m$_o$	oRr
c	omd$_o$	od$_o$r	oRrc
comm$_o$	d$_o$r$_o$6	rf$_o$R	oRRb
om$_o$	or$_o$m$_o$o	romdrrq	rarbc
orr	orrjo	orrq	orrc
cm$_o$rr	crrom	oromcm$_o$	cm$_o$bc
comrr	rrfd	frrbc	bc
rrddf	ffird	frrir	p$_o$qbc
coir	oir	orr	oirc
oqrrm$_o$c	oqrrm$_o$	caRRid$_o$	cq bc
crir$_o$	cid$_o$	Oprr.	pr$_o$PR
om$_o$r$_o$	om$_o$ir$_o$	~~orr.~~ oRR	cRR
omro	orqo	odro	orrc
em$_o$d$_o$	crd$_o$	cdrm$_o$	cRR
corrf	fcor$_o$	or$_o$	ORR
c	eor	orc	corr
cir$_o$r$_o$m$_o$	or$_o$m$_o$	or$_o$m$_o$	oRRcm$_o$
opoq	oirq	orrir	orrq
cid$_o$	cir$_o$	cir$_o$	corrq
ccrc	cir$_o$om$_o$	orir$_o$m$_o$	r$_o$rrrm$_o$
c3o	c3oci$_o$	crcm$_o$	cmarr
c	cer$_o$r$_o$	cr$_o$r$_o$	orrcq
c	ord	oide	r$_o$Rc
bbcq	bcc	cbcq	bcq
			r$_o$sc
5r5	5r5		
cqpr	cqpr	cqpr$_o$	cpr$_o$r$_o$
c	cpr	cpR	cpHR
bccpr	bcpr$_o$	bcpr$_o$q	bcpha
PRc	PRc		iR
cir	opr$_o$		cRr
crr$_o$r$_o$	cr$_o$r$_o$d$_o$	or$_o$rRR	cRRrc
cqir$_o$	cqir$_o$	cir$_o$	Rr$_o$aq
cpr	c	corr	rrcpr
cir$_o$c	ccrr	rrcpr	irRR$_o$c
irrfe	ffair	rrcbc	corrc

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.
"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

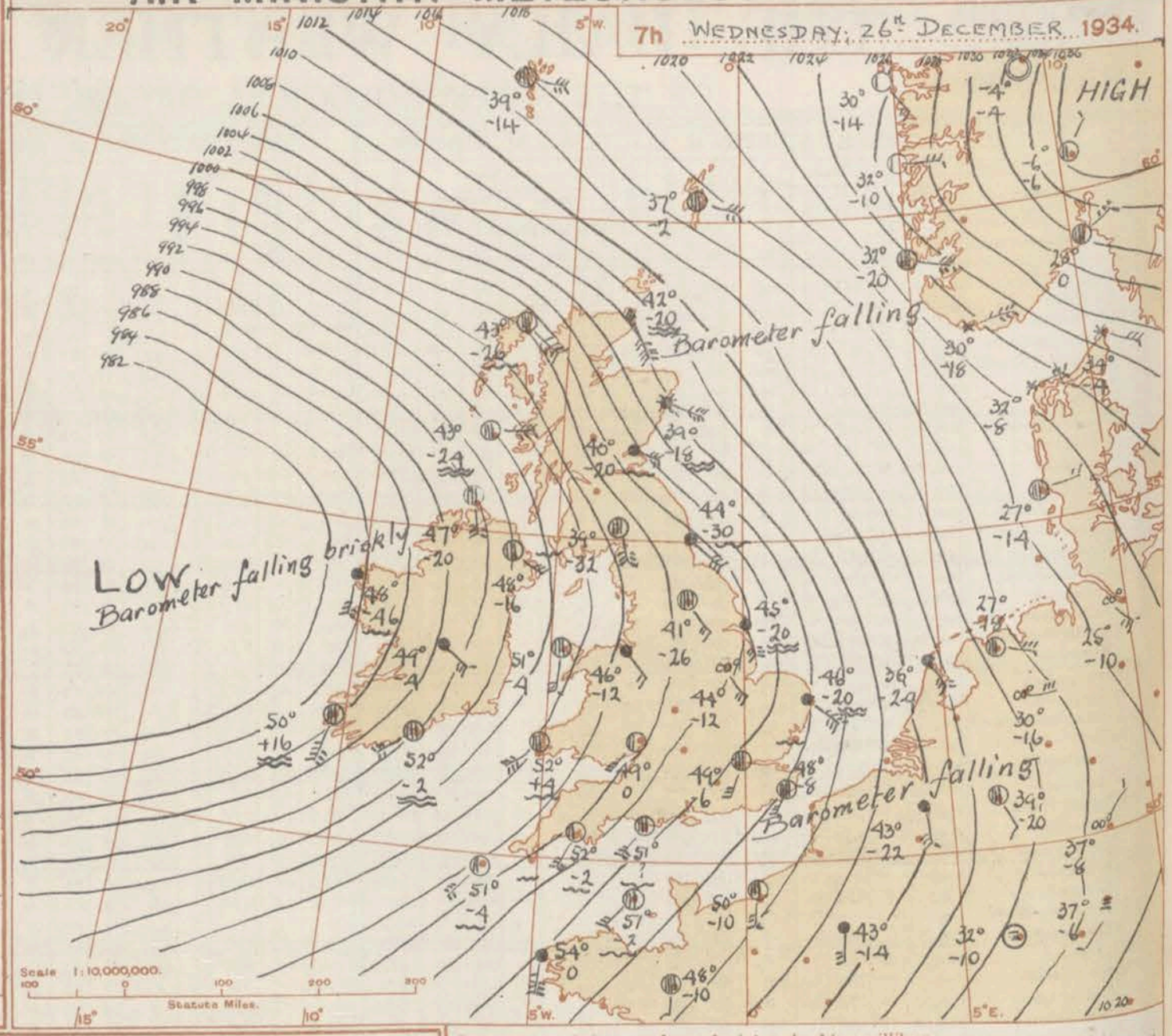
REPORTS from HEALTH RESORTS for 25th December 1934

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 24th to 9h. 25th	Temperature. Max. 9h.—17h. 25th	Rainfall. Night. 17h. 24th to 9h. 25th	Rainfall. Day. 9h.—17h. 25th	Sunshine. Sunrise to Sunset, 25th.
1	Tunbridge W.	ofco	o	38	40	—	—	0.0
	Bournemouth	obr	rr	40	47	1	3	0.0
	Ventnor ...	ouz	ourd	41	47	—	2	0.0
	Southsea ...	omo	or	39	46	—	2	0.0
	Bognor Regis	c	cerr	38	46	Tr	1	0.0
	Littlehampton	c	cr	34	46	—	1	0.0
	Worthing ...	c	cr	36	46	—	1	0.0
	Brighton ...	cdm	mcd	38	47	—	Tr	0.0
	Eastbourne†	o	o	39	46	—	—	0.0
	Hastings† ...	o	o	38	45	—	—	0.0
	Folkestone ...	bc	o	38	41	—	—	0.0
	Dover... ...	mo	mo	39	42	—	—	0.0
	Deal	o	om	39	41	—	—	0.0
	Ramsgate ...	c	c	38	41	—	—	0.0
	Margate ...	c	c	39	40	—	—	0.0
2	Southend ...	o	od	39	40	—	Tr	0.0
	Maldon ...	o	od	40	41	—	—	0.0
	Clacton-on-Sea	c	cm	42	43	—	—	0.0
	Dovercourt ...	oc	oc	40	41	—	—	0.0
	Lowestoft ...	c	c	39	41	—	—	0.0
	Skegness ...	o	o	40	41	—	—	0.0
	Mablethorpe	odmo	odmo	41	41	Tr	Tr	0.0
	Cleethorpes ...	oc	oc	40	?	—	—	0.0
3	Leamington S.	o	ome	38	42	—	Tr	0.0
4	Cheltenham†	mo o	opo	36	41	—	0.3	0.0
5	Bath	c	crr	36	44	—	3	0.0
	Weymouth ...	cer	dd	41	48	3	4	0.0
	Jersey ...	crc	rc	44	49	Tr	3	0.0
	Torquay ...	opq	orrq	48	51	Tr	7	0.0
	Penzance ...	rr	rro	49	53	7	9	0.0
	St. Ives ...	rr	rr	47	53	9	14	0.0
	Bude	cr	rc	45	50	1	4	0.0
	Ilfracombe ...	or	r	45	50	1	6	0.0
6	Aberystwyth	copr	prc	41	46	—	1	0.0
7	Llandudno ...	cdcb	o	41	43	—	0.6	0.0
	Colwyn Bay...	o	odo	41	42	—	0.3	0.0
	Rhyl	oir	ogdo	40	44	—	0.3	0.0
8	Wallasey ...	or	cr	41	41	—	1	0.0
	Southport‖ ...	o	odo	41	42	0.2	0.2	0.0
	Blackpool ...	cop	odo	40	41	—	0.4	0.0
	Morecambe ...	c	ccdo	41	42	—	Tr	0.0
9	Ilkley... ...	o	ogdo	37	39	—	1	0.0
10	Berwick-on-T.	co	roR	40	42	—	1	0.0
11	Dunbar ...	bc	cr	39	42	—	0.3	0.3
12	Troon... ...	ococo	coers	41	42	—	0.3	0.0
	Douglas ...	omir	omir	42	44	Tr	3	0.0

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

AIR MINISTRY. METEOROLOGICAL OFFICE.

7h WEDNESDAY, 26th DECEMBER, 1934.



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. ↯ 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. 26th December, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales	Moderate southwest winds, strong on South and West coasts; fair apart from occasional showers; mild.
8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind fresh or strong, southeast at first, veering to southwest this afternoon; weather generally fair apart from showers, but dull with continuous rain early this afternoon; becoming mild.
13. A. W Scotland. B. N.W Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Strong southeast winds, veering to southwest during the night; dull and wet today, fair but showery tomorrow; average temperature today, becoming mild.
17. N.W. Ireland 18. N.E. Ireland	As 8 - 12.
19. S.E. Ireland 20. S.W. Ireland	As 1 - 7.

GENERAL INFERENCE.

A trough of low pressure associated with a depression to the West of Ireland is moving northward across the British Isles. Weather will be dull and wet in front of the trough but will become fair and showery after its passage.

FURTHER OUTLOOK.

Unsettled conditions spreading from the Southwest.

Times of issue of Gale Warnings.

South Gone at 1445 on 23rd in dist. 15 & 16; at 1425 on 24th in dist. 5,6,7,8,12,13A,13B,17,18,19 & 20 and at 0815 on 26th in dist. 11.

Forecasts issued at 1040 G.M.T.

G. C. SIMPSON, 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, 26th December 1934.

No. 26697

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

District	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0-10 (12)	Cloud. Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1007.2	-.3	SE	4	ir	46	95	6	6	-	-	10	10	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1012.0	-.8	SE's	4	r.r.	42	95	6	5	-	-	10	10	800
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1011.6	-.2	SE	6	c	44	95	6	5	-	-	10	10	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1004.3	?	S	6	rr	48	95	6	5	-	-	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	340	1000.3	+.4	SSW	6	bc	51	95	7	4	-	-	2-3	2-3	2500
	Scilly (St. Mary's)	163	999.0	+.2	SW	6	bc	52	85	8	8	-	-	4-6	4-6	2500
	Guernsey	175	1004.9	-.3	SW	6	rr	50	95	6	6	-	-	10	10	1500
6	Pembroke	142	995.3	-.8	SSW	6	id.	52	95	6	5	7	-	4-6	9	2500
7	Holyhead	26														
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1006.9	-.10	SSE	6	bc	41	95	7	5	7	-	2-3	4-6	2500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1007.8	-.32	SE	6	o/r	43	86	7	4	-	-	10	10	1500
11	Inchkeith	190	1007.7	-.26	SSE	5	c	41	95	8	5	-	-	10	10	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1004.8	-.28	SE	7	bc	43	75	7	5	3	-	2-3	4-6	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1012.6	-.16	SE	8	PH(R)	35	95	7	9	2	-	7-8	10	1500
16	Lerwick	156	1020.3	-.12	SE	5	bc/p(k)	36	76	8	8	-	-	4-6	4-6	1500
17	Blacksod Point	18														
18	Malin Head	52														
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30														
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 26th 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)	Cloud. Form. Med. (24)	Cloud. Form. High (25)	Cloud. Amount. Low. 0-10 (26)	Cloud. Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	1003.6	-.1.0	SSW	3	bc	48	95	8	5	-	8	2-3	4-6	2500	1	*
	Croydon	1004.6	-.6	SSW	3	c	49	95	6	5	4	1	4-6	7-8	2500	1	*
	S. Farnborough	1003.8	0	SW	2	c	48	95	7	5	-	-	7-8	7-8	1500	1	*
	Boscombe Down	1002.4	+.2	S	3	ir.	48	95	7	6	-	-	9	9	1500	2	*
	Calshot, (S'thmtn)	1003.9	+.2	S	4	c	51	95	7	8	2	8	4-6	10	1500	1	2
	Lympne	1005.8	-.8	SW's	4	c/d	48	95	6	5	-	-	10	10	800	1	§3
	Manston	1005.3	-.12	SW	5	ir.	47	95	7	6	-	-	10	10	800	1	*
2	Shoeburyness	1004.6	-.4	SSW	3	bc	47	95	7	5	-	-	4-6	4-6	2500	1	*
	Felixstowe	1005.2	-.20	S	5	c/r	46	95	6	6	2	-	9	10	800	1	4
	Gorleston	1005.5	-.20	SE's	7	rr	46	86	5	6	-	-	10	10	800	1	5
	Cranwell	1002.1	-.12	SE	3	3.	44	95	6	5	-	-	10	10	1500	1	*
3	Birmingham	1001.0	-.4	S	2	c	47	95	7	6	7	-	2-3	7-8	800	1	*
	Upper Heyford	1002.0	0	S'W	3	3.	45	95	6	-	2	-	0	1	-	1	*
4	Ross-on-Wye	1000.2	0	SW	3	bc	49	85	7	7	-	-	2-3	2-3	4000	1	*
5	Portland Bill	1002.8	?	SW	5	c	51	95	7	4	-	-	9	9	2500	1	4
	Plymouth																
	The Lizard	1000.6	-.2	S'W	5	bc	52	95	8	5	-	-	4-6	4-6	2500	1	3
	Scilly (St. Mary's)	1000.1	+.2	S'W	5	bc	51	95	7	4	-	-	2-3	2-3	2500	1	4
	Guernsey	1004.8	-.2	SW	4	c	51	95	7	8	-	6	2-3	4-6	4000	1	4
6	Pembroke	995.1	+.4	SW	6	c	52	85	7	5	-	-	2-3	2-3	2500	1	4
7	Holyhead	994.5	-.4	S'W	4	c/pr	51	85	7	5	-	-	7-8	7-8	1500	1	3
	Chester (Sealand)	998.4	-.12	SE's	2	ir.	46	95	6	6	2	-	7-8	10	1500	1	*
8	L'pool (Bidston)	997.7	?	S'E	4	c	44	95	7	5	-	-	9	9	1500	1	*
	Manchester	999.2	-.8	SE's	3	bc/pc	45	96	6	5	4	-	2-3	4-6	1500	2	*
9	Harrogate																
10	Spurn Head	1001.0	-.26	SE	3	o/r	41	95	5	6	-	-	10	10	2500	1	*
	Catterick	1001.7	-.20	SSE	6	RR	45	95	6	6	-	-	10	10	1500	2	5
	Tynemouth	1000.7	-.30	SE's	3	ir.	42	95	6	-	2	-	10	10	1500	1	*
11	Inchkeith	1001.8	-.30	E	6	rr	40	95	8	6	-	-	10	10	2500	1	4
	Leuchars	1003.5	-.20	ESE	5	rr	40	96	6	6	-	-	10	10	800	1	*
12	Renfrew (Abbotsl)	998.8	-.18	E'N	4	c/r	39	85	6	5	-	-	10	10	1500	1	*
	Eskdalemuir	998.9	-.32	SSE	6	c/r	39	85	7	5	2	-	4-6	10	800	1	*
13A	Tiree	999.8	-.24	E	7	c	43	75	7	6	-	-	9+	9+	2500	0	5
13B	Stornoway	999.3	-.26	SE	8	c	43	75	7	6	6	-	7-8	9+	1500	1	4
15	Dalwhinnie	1000.5	-.24	SSE	9	Rs	35	95	6	6	-	-	10	10	800	6	*
	Aberdeen	1008.1	-.18	ESE	8	r.6	39	85	7	9	-	-	10	10	1500	1	5
	Wick	1008.7	-.20	SSE	9	PH(R)	42	85	7	9	2	-	7-8	9	1500	1	5
16	Lerwick	1017.3	-.24	E's	6	c/ph(r)	37	75	8	8	1	-	4-6	7-8	1500	1	*
17	Blacksod Point	982.1	-.46	S	5	RR	48	95	7	6	-	-	10	10	450	2	4
18	Malin Head	988.5	-.20	S'E	5	w	47	95	7	9	-	-	9	9	800	1	2
	Aldergrove	992.2	-.16	SE'E	3	c/r	48	95	7	5	-	-	9	9	2500	1	*
	Donaghadee	992.4	-.12	SSE	5	q	49	95	7	6	-	-	10	10	800	1	4
19	Birr Castle	987.6	-.4	SE	4	pr	49	95	7	6	-	-	9	9	2500	1	*
20	Valentia Obsy.†	984.5	+.16	SSW	7	c	50	85	8	9	3	-	4-6	7-8	1500	1	5
	Roches Point	991.1	-.2	WSW	5	c	52	95	7	9	-	-	7-8	7-8	1500	1	6

PAST 24 HOURS.

District	Stations.	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 24h Hrs. (36)
1	London (Kew)	41	41	40	Tr.	7	0.0
	Croydon	41	41	41	0.1	10	0.0
	S. Farnborough	41	41	40	.2	11	0.0
	Boscombe Down	43	42	42	.4	15	0.0
	Calshot, (S'thmtn)	47	46	46	.2	13	0.0
	Lympne	42	41	40	Tr.	11	0.0
	Manston	40	40	39	Tr.	5	0.0
2	Shoeburyness	41	40	40	Tr.	5	0.0
	Felixstowe	42	40	39	-	5	0.0
	Gorleston	42	40	39	-	4	0.0
	Cranwell	39	38	37	0.1	7	0.0
3	Birmingham	39	39	39	0.2	11	0.0
	Upper Heyford	39	39	38	0.3	11	*
4	Ross-on-Wye	42	42	41	1	12	0.0
5	Portland Bill	50	46	*	4	11	*
	Plymouth						
	The Lizard	50	50	47	11	7	0.0
	Scilly (St. Mary's)	53	50	*	9	5	*
	Guernsey	53	50	*	4	2	0.0
6	Pembroke	49	49	45	3	14	0.0
7	Holyhead	49	46	*	7	7	0.0
	Chester (Sealand)	46	44	43	1	10	0.0
8	L'pool (Bidston)	41	40	39	0.6	11	0.0
	Manchester	41	39	40	1	5	0.0
9	Harrogate	42	39	38	0.2	11	0.0
10	Spurn Head	39	37	36	0.5	13	0.0
	Catterick	45	41	*	0.2	10	0.0
	Tynemouth	40	38	37	1	13	0.0
11	Inchkeith	42	38	36	Tr.	2	0.0
	Leuchars	43	39	37	1	4	0.0
12	Renfrew (Abbotsl)	42	38	36	Tr.	5	0.0
	Eskdalemuir	38	35	33	0.1	11	0.0
13A	Tiree	44	40	38	Tr.	2	0.0
13B	Stornoway	44	40	*	-	-	0.7
15	Dalwhinnie	43	40	*	-	-	0.7
	Aberdeen	35	34	32	.4	4	0.0
	Wick	42	38	36	4	1	0.1
16	Lerwick	44	36	*	0.2	7	*
17	Blacksod Point	41	33	*	0.2	1	0.0
18	Malin Head	49	40	*	6	10	*
	Aldergrove	45	43	*	2	9	0.0
	Donaghadee	44	42	42	5	13	0.0
19	Birr Castle	49	42	*	2	21	*
20	Valentia Obsy.†	50	47	44	0.5	10	0.0
	Roches Point	53	46	43	1	26	0.7

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather Morning.	Weather Afternoon.	Weather Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	o mofe	o fr. om	o ic fr bc	41	41	40	Tr.	.7	0.0	*	*	6
Croydon	217	c mo e/d	o f. d o m.	c r m, r r	41	41	41	0.1	10	0.0	*	*	6
Greenwich (Royal Observatory)	149	o m o fr	o d m	d d r bc	43	43	38	0.5	5	0.0	99	96	5
City (Bunhill Row)	—				*	*	*			0.0			*
Westminster (St. James' Park)	27	*	*	*	*	40	38		7	0.0	94	87	*
Regents Pk. (Botanic Gardens)‡	168	*	*	*	50	40	40	Tr.	8	0.0	95	97	*
Camden Square	110	c	c d	*	40	40	40	Tr.	9	0.0	*	94	*
Kensington	80	o m	o m c.	*	41	38	36	Tr.	8	0.0	At 18h. 87	94	*
Hampstead Observatory	450	o	o f d	o r	42	40	37	Tr.	10	0.0		?	*

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 25th December: Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 26th December: Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1011.1	-	0	m	43	1010.5	S	3	r.6	43
Brussels	1017.4	SE	2	0	36	1011.0	S.E	4	r.6	43
Berlin	1024.2	ESE	1	c	25	1023.1	E's	2	m	28
Zürich						1021.0	N	1	F	34
Rome						1019.3	N.E	3	m	36

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
not available.			

Kew Observatory. Max.	Time.	Min.	Time.
0.6	19h 26m	<0.1	1-7h 26m

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall Day. mm.	Rainfall Night. mm.
43	41	Tr.	4
36	36	-	0.3
27	25	-	-
	32		Tr.
.	.		-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, 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 9h § Sea disturbance reported from Dungeness

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 27th December 1934.

No. 26628

OBSERVATIONS at 13h. G.M.T. 26th 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)	1003.9	-8	SSW	3	c	51	95	6	5	1	-	2.3	10	2500
	Croydon	1004.9	-4	SSW	3	3o	52	85	6	5	2	-	4.6	10	1500
	S. Farnborough	1003.7	-10	S'W	4	c	51	95	7	5	-	-	10	10	1500
	Boscombe Down	1002.5	-8	S	3	ir.	50	95	6	6	2	-	4.6	9+	800
	Calshot, S'thmtn	1004.3	0	S	4	3o	51	95	6	5	2	-	7.8	10	800
	Lympne	1006.3	-8	SSW	3	3o	49	95	5	5	-	-	10	10	450
	Manston	1005.7	-6	SW	4	c	50	95	7	5	1	-	9	10	800
2	Shoeburyness	1005.2	-2	S	3	c	50	95	7	5	2	-	4.6	9+	4000
	Felixstowe	1005.4	-6	S	4	3o	49	95	6	5	7	4	1	9+	4000
	Gorleston	1005.1	0	S'E	3	c	50	95	6	8	-	-	7.8	7.8	2500
	Cranwell	1002.8	0	S'W	2	bc	52	85	7	2	3	8	2.3	4.6	2500
3	Birmingham	1001.7	+2	SSW	3	c	50	85	6	6	4	-	4.6	7.8	1500
	Upper Heyford	1002.9	-4	S	2	3o	49	95	6	5	1	8	4.6	9	1500
4	Ross-on-Wye	1000.6	0	S'W	3	bc	52	75	7	7	-	6	2.3	4.6	4000
5	Portland Bill	1003.9	*	SSW	5	c	53	95	7	4	7	-	4.6	10	2500
	Plymouth	1000.6	+6	SSW	5	bc	53	95	7	8	7	2	2.3	4.6	2500
	The Lizard	999.9	-10	SSW	6	bc	53	85	8	8	-	-	4.6	4.6	2500
	Scilly (St. Mary's)	999.1	+2	SW'W	5	c/pc.	51	85	7	8	6	5	4.6	7.8	2500
	Guernsey	1004.9	0	SSW	4	o	52	95	6	5	-	-	10	10	1500
6	Pembroke	996.4	-4	SW'S	6	q	52	85	7	5	7	-	4.6	9	4000
7	Holyhead	995.5	-2	S	4	pr	51	85	8	8	-	3	4.6	7.8	1500
	Chester (Sealand)	999.6	+2	SE	3	3o	50	85	6	5	-	-	9	9	2500
8	L'pool (Bidston)	999.1	0	S'E	4	ir.	48	95	6	8	-	-	7.8	7.8	2500
	Manchester	999.9	+2	S	3	bc/pr	50	85	6	5	-	-	4.6	4.6	2500
9	Harrogate	1000.6	0	SSE	1	c	46	95	2	.	.	.	9	9	<150
10	Spurn Head	1002.1	0	SW	3	bc	49	95	7	4	7	-	2.3	4.6	1500
	Catterick	1000.1	-2	SE'E	1	m	46	95	4	5	3	-	7.8	7.8	1500
	Tynemouth	1000.2	+4	S	3	o	46	95	6	6	-	-	10	10	1500
11	Inchkeith	998.4	-16	SE	3	rr	44	95	8	9	-	-	9+	9+	2500
	Leuchars	998.6	-24	ESE	5	r.c.	44	95	6	6	2	-	9	10	450
12	Renfrew (Abbotsl)	996.6	-10	ENE	3	c/r	43	95	4	5	-	3	7.8	10	1500
	Eskdalemuir	997.5	-8	SSE	4	ir	44	95	7	6	2	-	9	10	1500
13A	Tiree	991.6	-8	E	7	c/d	44	85	7	5	7	-	7.8	9	2500
13B	Stornoway	998.5	-20	SE	8	c/pc.	43	75	7	8	2	-	4.6	10	1500
15	Dalwhinnie	998.9	-2	SSE	6	iR	39	85	7	3	4	-	7.8	10	1500
	Aberdeen	1002.3	-32	SE'E	7	rr	40	95	6	6	-	-	10	10	1500
	Wick	1004.6	-24	SE	8	rr	41	95	7	6	-	-	10	10	1500
16	Lerwick	1013.6	-24	ESE	8	c/ph	37	75	7	6	2	-	7.8	10	800
17	Blacksod Point	982.0	+6	S	4	q	49	95	7	9	-	-	10	10	800
18	Malin Head	988.3	-2	ESE	3	c	50	85	7	8	-	-	9+	9+	1500
	Aldergrove	992.3	0	SE	4	c	51	85	7	5	7	3	2.3	7.8	1500
	Donaghadee	993.3	+4	S	2	c	52	85	7	9	-	-	7.8	7.8	1500
19	Birr Castle	988.2	-4	SSE	3	c	51	85	8	8	-	-	7.8	7.8	2500
20	Valentia Obsy.	986.4	+10	SW'S	7	rr	49	95	7	6	-	-	10	10	1500
	Roches Point	992.5	+4	SW	5	c	52	85	7	8	-	-	7.8	7.8	1500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base. (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	1004.2	+2	S	2	c	49	95	6	5	1	-	4.6	9	2500	1	*
	Croydon	1004.9	+2	SSE	2	d.d.	50	95	6	6	2	-	9	10	1500	1	*
	S. Farnborough	1004.0	+4	S'W	2	c/pc.	50	95	7	5	-	-	9+	9+	1500	1	*
	Boscombe Down	1003.1	+12	S	3	b	45	95	7	2	-	-	1	1	2500	1	*
	Calshot, S'thmtn	1004.3	0	S'E	4	bc	51	95	7	5	2	-	4.6	4.6	2500	1	1
	Lympne	1006.2	+2	SSW	2	3o	49	95	6	5	-	-	10	10	800	1	§3
	Manston	1005.7	+2	SW	3	o	48	95	7	5	-	-	10	10	800	1	*
2	Shoeburyness	1005.2	0	SSW	3	bc	48	95	7	-	7	-	0	4.6	-	1	*
	Felixstowe	1005.5	+4	S	3	3o	48	95	6	5	7	-	7.8	10	1500	1	3
	Gorleston	1005.1	0	S	3	3o	48	95	5	-	-	-	0	0	-	1	4
	Cranwell	1003.4	+2	SE	3	ir.	45	95	6	5	-	-	9+	9+	1500	1	*
3	Birmingham	1002.1	+2	S	2	C	48	95	6	5	-	-	9	9	1500	1	*
	Upper Heyford	1003.2	+4	S	2	bc/r.	47	95	6	5	1	-	2.3	4.6	1500	1	*
4	Ross-on-Wye	1001.7	+6	SW'S	3	pr	46	85	8	6	-	-	4.6	4.6	2500	1	*
5	Portland Bill	1003.3	*	SW	4	pr	50	95	7	5	-	-	10	10	1500	1	5
	Plymouth	1002.4	+2	SW'W	4	bc	51	95	7	8	3	1	2.3	4.6	2500	1	2
	The Lizard	1003.1	+20	SW'W	5	bc	50	95	8	8	-	-	2.3	2.3	2500	1	3
	Scilly (St. Mary's)	1001.9	+20	W'S	5	bc	50	95	7	2	7	-	1	2.3	2500	1	4
	Guernsey	1005.4	+12	SW	3	c	51	85	6	6	-	-	10	10	1500	2	4
6	Pembroke	997.5	+12	SW'W	6	q	51	85	7	5	-	-	10	10	2500	1	4
7	Holyhead	995.9	+4	S	4	bc/pc.	50	95	7	8	3	-	4.6	4.6	1500	1	2
	Chester (Sealand)	999.8	+8	SSE	4	bc	48	85	6	5	-	-	4.6	4.6	2500	1	*
8	L'pool (Bidston)	999.6	+6	SSE	4	b	47	95	6	5	-	-	1	1	2500	1	*
	Manchester	1000.3	+6	S'E	3	3o	48	95	5	5	7	-	2.3	4.6	2500	1	*
9	Harrogate	1001.3	0	S	2	m	45	95	4	.	.	.	10	10	<150	1	*
10	Spurn Head	1002.4	0	S	2	bc	46	95	6	5	1	-	2.3	4.6	800	0	1
	Catterick	1000.7	+6	SE	1	m	44	95	4	5	-	-	10	10	2500	1	*
	Tynemouth	1000.2	+8	S	2	bc	46	95	5	5	-	-	2.3	2.3	1500	1	3
11	Inchkeith	998.6	+4	SE	3	bc	46	95	8	5	-	-	4.6	4.6	1500	1	*
	Leuchars	998.6	0	SE	3	c	45	95	6	5	7	-	7.8	9	800	1	*
12	Renfrew (Abbotsl)	995.7	-2	SE	3	c3o	48	95	6	8	-	-	7.8	7.8	2500	1	*
	Eskdalemuir	998.0	+4	S'E	3	c	45	95	7	5	-	-	9	9	1500	1	*
13A	Tiree	990.0	-2	E'S	6	c	49	95	7	5	2	-	9+	9+	2500	0	5
13B	Stornoway	995.4	-6	SE	7	c/pc.	44	85	7	8	6	-	4.6	9	1500	1	4
15	Dalwhinnie	997.3	+6	SSE	3	iR	40	95	5	3	6	-	4.6	10	800	1	*
	Aberdeen	1000.5	-4	SE	4	rr	46	95	6	6	-	-	10	10	800	1	5
	Wick	1001.3	-18	SE	8	rr	43	95	7	6	-	-	10	10	1500	1	5
16	Lerwick	1010.4	-20	ESE	8	rr	37	95	6	6	-	-	10	10	450	1	*
17	Blacksod Point	983.3	+20	S	5	q	50	85	7	9	-	-	7.8	7.8	450	2	4
18	Malin Head	986.2	-10	ESE	4	c	49	85	7	8	-	-	9+	9+	1500	1	1
	Aldergrove	990.6	-4	SE'S	4	c	49	85	7	5	1	-	2.3	7.8	2500	1	*
	Donaghadee	992.5	0	S	3	c	50	95	7	9	-	-	7.8	7.8	1500	0	7
19	Birr Castle	988.2	+6	SSE	4	c/pc	48	95	8	6	1	-	7.8	10	2500	1	*
20	Valentia Obsy.	993.0	+38	SW	6	c/r	50	85	7	6	2	-	9	10	1500	1	5
	Roches Point	995.2	+22	WSW	4	c	50	95	7	9	-	-	7.8	7.8	1500	1	5

PAST 24 HOURS. WEATHER.

District	Stations.	7h.–13h. 26th (37)	13h.–18h. 26th (38)	18h. 26th–1h. 27th (39)	1h.–7h. 27th (40)
1	London (Kew)	bccm.	cm.	prcm.bc	bccw
	Croydon	cm.	cm.pr.dd	dcm.bcp	bm.bcg
	S. Farnborough	bcc	cpr.	cpr.b	bw.bc
	Boscombe Down	cir.m.	cirRb	bbcb	bcir.c
	Calshot, S'thmtn	cm.	cm.bc	bccprbcb	bbc
	Lympne	cm.	cm.	cmoryr.	crbw§
	Manston	cm.c	cor.	orcbc	bw
2	Shoeburyness	bcc	cbc	bccr.	bc
	Felixstowe	cm.	cm.	cm.pr.m.	cm.bwi§bcm
	Gorleston	orbcc	c3o3o	bccar	bcb3o
	Cranwell	cbcm.	bccr.	cr.rb	bbc
3	Birmingham	cbc	cpr.	cpr.b	b.c
	Upper Heyford	bbcc	cr.bc	bcm.c	cr.m.
4	Ross-on-Wye	bc	bccpbc	bccbc	c
5	Portland Bill	c	cpr	cbc	bcc
	Plymouth	cbcabc	bc	bc	bcci.
	The Lizard	bc	bccbc	bcc	cqrr
	Scilly (St. Mary's)	bccp.	cbc	bbcc	cpqr
	Guernsey	cq	cq	cpc	bcc
6	Pembroke	bccpr.q	cq	cbcqq	cq
7	Holyhead	pr.	bcpr.	cpr.	cq
	Chester (Sealand)	ir.cid.	cm.bc	bccm.r.	m.c
8	L'pool (Bidston)	cir.	ir.cb	b	bcc
	Manchester	cprm.	cr.r	cprbc	cbcwc
9	Harrogate	or.bccf	coifm	omfr	cbc
10	Spurn Head	rcbc	cbc3	crcbc3	bc3
	Catterick	or.m.cm	cbcmom	omrof	ofc
	Tynemouth	oirq	obc	bcb.bc	bc
11	Inchkeith	cirrr	rrcbc	bcpr	cir.
	Leuchars	rrr.r.m.	rr.r.r.c	cr.m.	cr.r.cr.
12	Renfrew (Abbotsl)	cRrrRm	cmbcfm.	bccrr.r.	r.rrcm.
	Eskdalemuir	croir	cprc	cprc	Rqir
13A	Tiree	cir.	c	cRir	cir
13B	Stornoway	cprq	cprq	bccqr	cprq
15	Dalwhinnie	irc	irc	*	rrc
	Aberdeen	orrqirs	orrq	om.r.c	om.rrq
	Wick	orr	orr	orrc	corr
16	Lerwick	cphq	cphorrr	orrrr	orrcirm
17	Blacksod Point	iR	iRq	iRq	prc
18	Malin Head	c	c	cbr.	cpr
	Aldergrove	c	cbcbbc	cr.r	crc
	Donaghadee	oc	c	cpr.c	c
19	Birr Castle	cprc	cpr	cpr	cpr
20	Valentia Obsy.	pr.rr	rrirc	cpr.c	rrchrr
	Roches Point	cpr.c	corrc	cprbc	coirc

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.

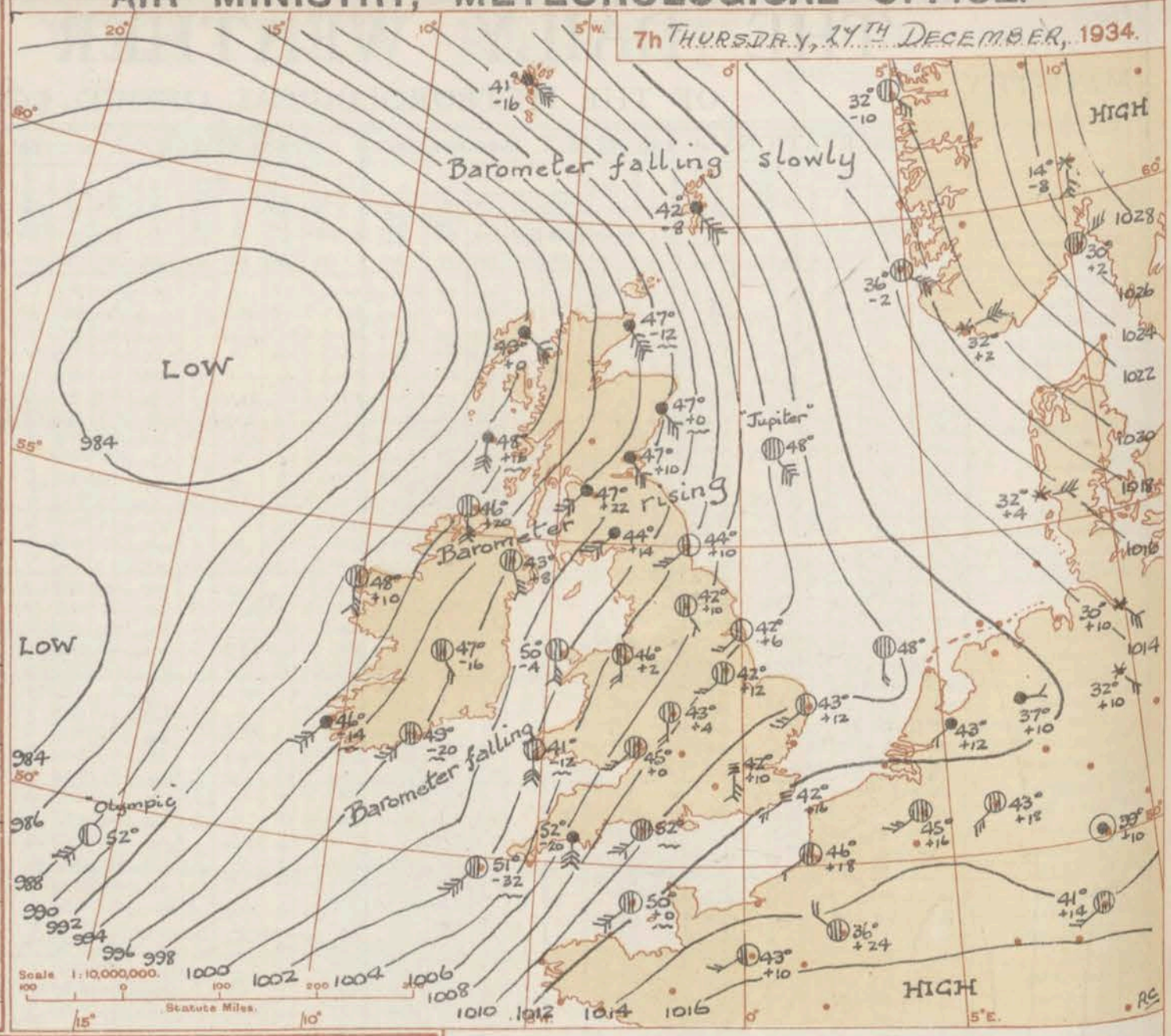
REPORTS from HEALTH RESORTS for 26th December 1934

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	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.	o	o	38	51	10	-	0·0
	Bournemouth	o	o	45	52	18	-	0·0
	Ventnor ...	rou	oupcm	45	51	15	0·3	0·0
	Southsea ...	o	opo	42	52	15	0·3	0·0
	Bognor Regis	c	orc	42	51	14	Trace	0·0
	Littlehampton	c	c	41	51	17	-	0·0
	Worthing ...	c	c	41	51	16	-	0·0
	Brighton ...	pop	o	41	51	15	0·1	0·0
	Eastbourne†	o	o	46	52	12	-	0·0
	Hastings† ...	o	o	45	51	13	-	0·0
	Folkestone ...	ro	o	37	51	7	-	0·0
	Dover... ...	o	o	38	51	8	-	0·0
	Deal	od$_o$	o	38	51	9	Trace	0·0
	Ramsgate ...	c	c	40	50	5	-	0·0
	Margate ...	c	c	38	51	7	-	0·0
2	Southend ...	om$_o$	om$_o$	39	50	5	-	0·0
	Maldon ...	rco	o	39	50	7	-	0·0
	Clacton-on-Sea	crc	c	40	49	7	-	0·0
	Dovercourt ...	roc	oc	40	49	6	-	0·0
	Lowestoft ...	iroc	c	39	50	5	-	0·0
	Skegness ...	bcm$_o$	mbc	40	48	9	-	0·5
	Mablethorpe	od$_o$m$_o$	om$_o$	41	49	9	-	0·0
	Cleethorpes...	oq	oc	39	51	13	-	~~2·5~~ 3.0
3	Leamington S.	bc	cod	40	52	6	0·3	2·0
4	Cheltenham†	cbcc	cpbc	39	51	8	0·3	2·2
5	Bath	cbc	cpbc	40	53	11	0·5	0·2
	Weymouth ...	c	Rrc	47	53	17	11	0·0
	Jersey ...	rc	co	46	53	7	-	0·0
	Torquay ...	rbc	bcop$_o$	49	55	13	Trace	0·4
	Penzance ...	cpbcp	obc	50	54	4	2	1·9
	St. Ives ...	p	c	48	53	8	1	1·5
	Bude	bcp	bcp	47	54	4	1	1·7
	Ilfracombe ...	or	bcpc	48	53	7	1	1·0
6	Aberystwyth	prtbc	prt	41	53	3	1	2·5
7	Llandudno ...	cp$_o$	p$_o$cr$_o$	41	53	9	0·3	0·1
	Colwyn Bay...	obc	cpbcp	40	53	9	1	0·7
	Rhyl	bccpr	c	40	53	7	1	1·5
8	Wallasey ...	cbcp	pbc	40	50	6	0·3	0·3
	Southport‖ ...	cbcopc	cbcb	40	51	6	0·3	1·2
	Blackpool ...	cpc	cpc	40	50	9	0·3	1·7
	Morecambe ...	rcbbc	dbcc	39	52	8	Trace	2·3
9	Ilkley... ...	o	c	37	49	18	-	0·0
10	Berwick-on-T.	orc	c	38	45	9	1	0·0
11	Dunbar ...	crr	crobc	38	47	11	1	0·0
12	Troon... ...	crorc	cbcc	39	49	2	3	0·2
	Douglas ...	circ	cirq	42	51	19	6	0·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h THURSDAY, 27TH DECEMBER, 1934.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◎ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ○Clear sky. ◔Sky less than 1/10 clouded. ◑Sky 1/10 to 5/10 clouded. ◕Sky 1/10 to 9/10 clouded. ●Overcast sky. ●Rain falling. ✳Snow. ✳Sleet ▲Hail ≡Fog. ≡°Mist. T Thunder. ϟ 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 Dec. 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. A. W Scotld. / B. N.W. Scotland 14. Mid Scotland 15. N.E. Scotland	Moderate or fresh south to southwest wind, strong locally on coast; mainly cloudy, rain at times; mild.
16. Orkneys and Shetlands	Strong or gale southeast wind; dull, considerable rainy periods; rather mild.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 1 - 15.

GENERAL INFERENCE.

An anticyclone over Finland is tending to move southeast and a complex depression to west of Ireland is spreading northwards. A secondary disturbance over our southwest districts is moving northeast and other secondaries will approach from southwest. Weather Will be unsettled and mild.

FURTHER OUTLOOK.

Rain at times; mild.

Times of issue of Gale Warnings.

South Cone at 1445 on 23rd in districts 15 and 16.

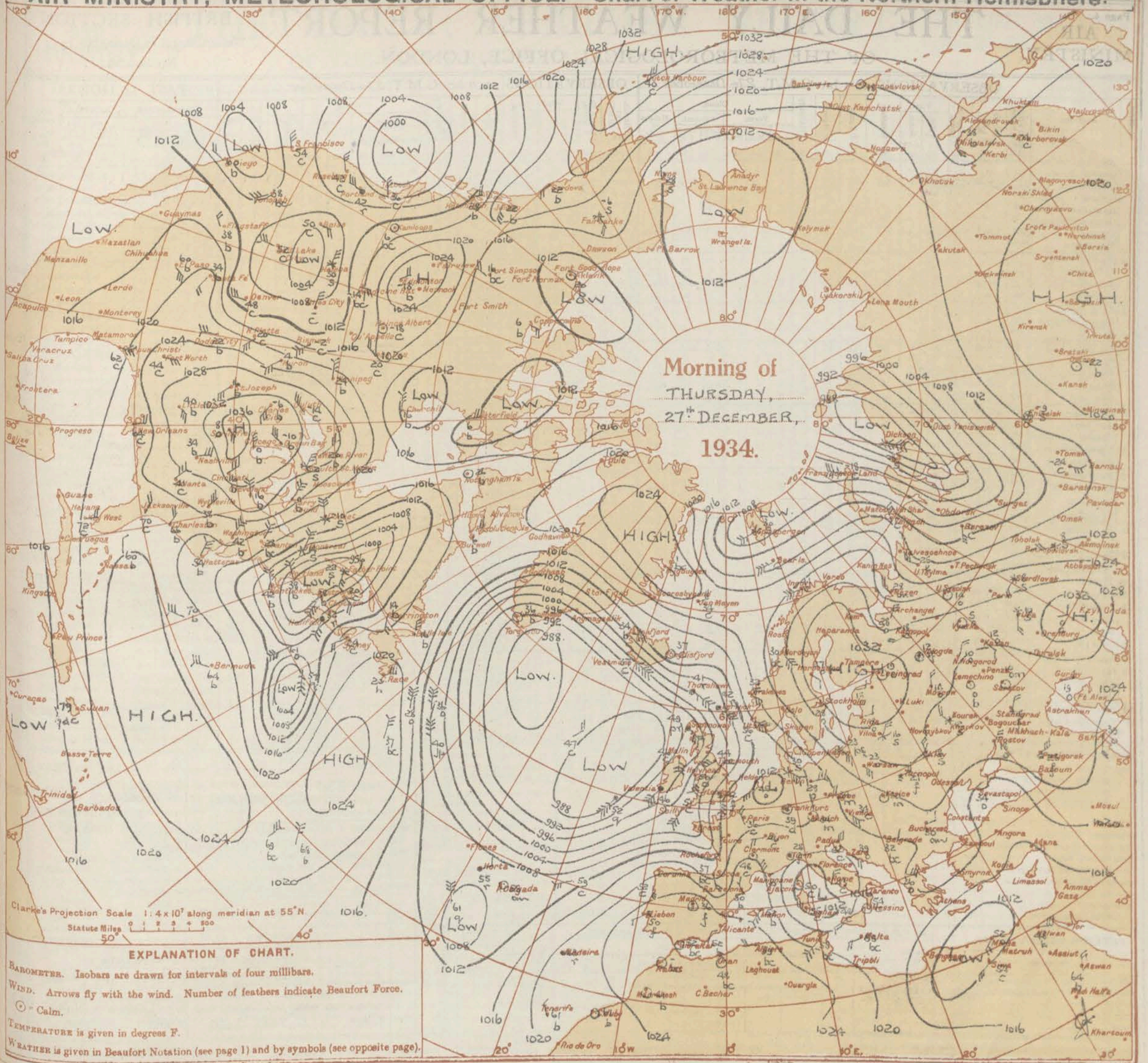
South Cone at 1425 on 24th in districts 5(part of) 6,7,8,12,13A,13B, 17,18, 19 and 20.

Forecasts issued at 1000 G.M.T.

G. C. SIMPSON, 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 27th December 1934.

No. 26638

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

Dist.	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	*	*	*	*	*	*	*	6	*	*	*	*	*	*
	Croydon	217	1008.3	+22	SSE	3	bc	47	95	6	-	3	-	-	2-3	-
	S. Farnborough	237	*	*	SSW	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1008.8	+12	SW'W	2	c/r	46	95	7	6	1	-	7-8	9+	1500
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1007.0	0	S	2	bc	46	95	6	8	-	-	4-6	4-6	1500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1007.6	-	W	4	bc	52	85	8	-	-	-	4-6	4-6	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1007.9	+10	WSW	5	c	50	85	7	4	1	-	4-6	7-8	2500
	Scilly (St. Mary's)	168	1007.1	+14	WSW	4	c	48	78	7	8	1	-	4-6	7-8	2500
	Guernsey	175	1010.2	+16	W	3	bc	49	95	7	8	-	-	4-6	4-6	2500
6	Pembroke	142	1002.8	+16	WSW	6	q	51	78	7	8	7	-	7-8	9+	4000
7	Holyhead	26	999.7	+22	SW	6	c	51	78	8	5	-	-	9+	9+	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1005.2	+2	SSW	?	bc	44	95	5	5	-	-	2-3	2-3	800
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1001.1	+4	S	3	bc	46	95	6	2	-	-	4-6	4-6	2500
11	Inchkeith	120	998.2	-6	SE	4	c/pr	45	95	7	8	2	-	7-8	9+	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsinch)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	993.4	-12	SE	7	q	48	85	7	5	6	-	7-8	9+	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	999.5	-4	SSE	8	c	47	95	7	6	2	-	7-8	10	1500
16	Lerwick	156	1008.9	-6	ESE	8	rr	46	95	6	6	-	-	10	10	800
17	Blacksod Point	18	990.8	-58	S	6	q	50	95	7	9	-	-	10	10	800
18	Malin Head	52	989.1	+20	S	5	c	48	85	7	5	-	-	9+	9+	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	995.7	+10	SW	5	c	49	85	8	9	-	-	9+	9+	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Dist.	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind: Direc. (17)	Wind: Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud: Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	1010.3	+6	S'W	2	c	41	95	7	5	7	8	2.3	7.8	1500	1	*
	Croydon	1010.8	+10	S	4	bc§	42	95	3	-	-	2	0	4.6	-	1	*
	S. Farnborough	1009.9	+4	S	2	c	43	95	6	5	7	-	2.3	9+	4000	1	*
	Boscombe Down	1009.1	-2	S'E	3	c	41	95	7	5	-	-	9+	9+	1500	1	*
	Calshot (S'thmtn)	1010.0	+2	S'E	3	c	49	95	8	5	1	-	4.6	10	2500	1	2
	Lympne	1012.0	+1	SW'W	2	c§	42	95	3	-	-	1	0	2.3	-	1	§1
	Manston	1011.4	+20	SSW	3	b	41	95	7	-	-	-	0	0	-	1	*
2	Shoeburyness	1010.9	+16	SSW	2	bc	38	95	7	-	-	6	0	4.6	-	1	*
	Felixstowe	1011.0	+20	WSW	2	m	42	95	4	5	3	4	1	4.6	4000	1	2
	Gorleston	1010.0	+12	SW'S	3	bc	43	95	5	5	-	5	2.3	2.3	2500	1	2
	Cranwell	1007.7	+12	SSW	2	c	42	95	7	-	-	6	0	7.8	-	1	*
3	Birmingham	1007.6	+4	S	2	c	43	95	8	-	-	7	0	9+	-	1	*
	Upper Heyford	1008.9	+8	S	2	3c	39	95	6	5	-	-	9+	9+	1500	1	*
4	Ross-on-Wye	1006.9	0	SSW	3	c	45	85	7	-	2	-	0	10	-	1	*
5	Portland Bill	1009.8	*	SSW	4	o	52	85	7	5	-	-	10	10	1500	1	4
	Plymouth	1006.7	-20	S	6	ir§	52	95	8	6	2	-	9+	10	1500	1	3
	The Lizard	1004.7	-20	SSE	6	rr	51	95	7	5	-	-	10	10	1500	1	4
	Scilly (St. Mary's)	1001.4	-32	SSW	6	c/r	51	95	6	6	2	-	9+	10	1500	1	4
	Guernsey	1011.2	0	SW'S	5	c	50	95	7	8	1	-	7.8	10	2500	2	4
6	Pembroke	1002.1	-12	S	6	q	51	85	7	5	-	-	10	10	2500	1	4
7	Holyhead	1001.4	-4	S	4	c	50	85	7	5	-	-	10	10	1500	1	2
	Chester (Sealand)	1004.8	+2	S	2	c	46	75	7	5	-	-	10	10	2500	1	*
8	L'pool (Bidston)	1004.7	+4	SSE	3	c	45	75	8	5	1	-	4.6	10	2500	1	*
	Manchester	1004.2	+8	S'W	3	c	44	85	7	-	1	-	0	10	-	1	*
9	Harrogate	1005.5	+10	SSE	1	c	42	95	7	-	1	7	0	9	-	1	*
10	Spurn Head	1007.1	+6	SSW	2	bc	42	95	7	5	1	-	2.3	4.6	1500	1	1
	Catterick	1004.4	+10	S	3	c	43	95	7	5	-	-	7.8	7.8	2500	1	*
	Tynemouth	1003.3	+10	SW	3	bc	44	95	7	4	-	-	2.3	2.3	4000	1	2
11	Inchkeith	1000.2	+12	SW	4	ir§	48	85	8	8	2	-	4.6	9+	2500	1	2
	Leuchars	998.3	+10	SSE	4	ir§	47	95	6	5	2	-	7.8	10	1500	1	*
12	Renfrew (Abbotsinch)	998.4	+22	SSW	5	ir§	47	75	6	8	-	-	9+	9+	1500	1	*
	Eskdalemuir	1001.1	+14	SSW	5	ir§	44	95	7	5	7	-	4.6	9+	1500	1	*
13A	Tiree	991.9	+16	S	6	ir	48	95	6	6	2	-	7.8	9	1500	1	5
13B	Stornoway	991.8	0	SE	5	pr	49	95	7	5	6	-	9	10	1500	1	3
15	Dalwhinnie	997.3	+14	SSE	3	ir	43	95	6	4	6	-	4.6	10	1500	1	*
	Aberdeen	999.5	0	SSE	4	rr	47	95	6	6	-	-	10	10	800	1	5
	Wick	997.4	-12	SSE	8	rr	47	95	7	6	-	-	10	10	1500	1	5
16	Lerwick	1007.1	-8	SE	8	ir	42	95	6	6	2	-	7.8	10	800	1	*
17	Blacksod Point	993.5	+10	S	4	c	48	95	7	8	-	-	10	10	800	2	3
18	Malin Head	993.2	+20	S	5	c	46	85	7	8	-	-	9+	9+	1500	1	2
	Aldergrove	998.3	+8	S'E	4	c	43	85	8	5	3	7	4.6	9+	2500	1	*
	Donaghadee	998.8	+20	S	2	c	45	95	7	5	-	-	7.8	7.8	1500	1	1
19	Birr Castle	996.3	-16	SSE	2	c/pr	47	85	8	6	-	-	9	9	2500	1	*
20	Valentia Obsy.†	994.5	-14	SW'S	6	rr	46	95	7	6	-	-	10	10	1500	1	5
	Roches Point	998.1	-20	SW	5	c	49	95	7	8	-	-	7.8	7.8	1500	1	4

PAST 24 HOURS.

Dist.	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 24hrs Hrs. (36)
1	London (Kew)	51	40	28	-	0.5	0.0
	Croydon	52	42	38	1	1	0.0
	S. Farnborough	51	39	28	0.3	0.1	0.0
	Boscombe Down	51	37	32	3	0.3	0.0
	Calshot (S'thmtn)	52	43	37	-	2	0.0
	Lympne	50	41	32	-	0.6	0.0
	Manston	51	39	35	Tr	0.3	0.0
2	Shoeburyness	50	37	29	-	1	0.1
	Felixstowe	49	40	31	-	0.5	0.0
	Gorleston	50	42	38	2	0.6	0.0
	Cranwell	52	41	37	Tr	1	2.8
3	Birmingham	51	42	40	0.1	0.4	0.5
	Upper Heyford	50	37	30	0.3	0.2	*
4	Ross-on-Wye	53	44	40	2	0.1	3.7
5	Portland Bill	53	47	*	0.2	1	*
	Plymouth	53	50	44	-	Tr	0.7
	The Lizard	53	49	*	-	1	*
	Scilly (St. Mary's)	53	48	*	0.1	2	3.7
	Guernsey	53	49	42	0.3	2	0.0
6	Pembroke	53	48	*	Tr	Tr	0.8
7	Holyhead	52	49	45	0.5	0.3	0.7
	Chester (Sealand)	50	42	34	0.1	0.4	0.3
8	L'pool (Bidston)	49	45	42	0.1	-	0.4
	Manchester	52	43	35	1	0.3	1.3
9	Harrogate	47	41	34	0.2	1	0.0
10	Spurn Head	50	42	*	1	1	2.4
	Catterick	46	42	39	0.2	0.6	0.0
	Tynemouth	47	42	40	3	0.2	*
11	Inchkeith	48	44	40	4	1	0.0
	Leuchars	45	44	39	9	4	0.0
12	Renfrew (Abbotsinch)	48	46	42	11	4	0.0
	Eskdalemuir	45	44	41	7	13	0.0
13A	Tiree	49	47	45	0.4	6	0.0
13B	Stornoway	44	43	*	0.2	Tr	0.0
15	Dalwhinnie	(44)	38	36	4	12	0.0
	Aberdeen	46	45	44	12	7	0.0
	Wick	44	41	*	5	6	*
16	Lerwick	38	35	*	1	3	0.0
17	Blacksod Point	50	45	*	8	1	*
18	Malin Head	51	44	*	-	1	0.0
	Aldergrove	52	43	40	-	4	1.5
	Donaghadee	53	42	*	-	2	*
19	Birr Castle	51	43	38	3	1	0.6
20	Valentia Obsy.†	50	45	42	9	7	0.0
	Roches Point	52	48	*	5	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	bc cm$_0$	cm$_3$	prcbccw	51	40	28	-	0.5	0.0	*	*	b
Croydon	217	cm$_0$	cm$_0$pc dd	d bc pr bbc§	52	42	38	1	1	0.0	*	*	b
Greenwich (Royal Observatory)	149	c	cr$_3$	Rcbcwm$_0$	51	39	36	Tr	1	0.0	91	97	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park)	27	*	*	*	52	42	34	0.3		0.0	84	92	*
Regents Pk. (Botanic Gardens) ‡	168	*	*	*	54	43	37	Tr	0.5	0.0	89	96	*
Camden Square	110	c	co	*	51	43	34	-	2	*	*	93	*
Kensington	80	bcc	bcco	*	52	41	29	Tr	0.2	0.0	At 18h. 91	93	*
Hampstead Observatory	450	c	cor	or	50	41	33	0.3	2	0.0	*	96	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre

24 hrs. ended 7h. G.M.T. 27th

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

Kew Observatory. Max.	Time.	Min.	Time.
0.3	18h 26th	0.1	1-5h 27th

FOREIGN OBSERVATIONS.

18h. G.M.T. 26th December

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1008.1	-	0	fg	45
Brussels	1008.2	SSW	2	c	43
Berlin	1019.3	E	3	c	30
Zürich					
Rome					

7h. G.M.T. 27th December

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1015.5	NNW	2	c	
Brussels	1013.1	SW	3	o	45
Berlin	1016.7	E	4	3c	28
Zürich	1018.7	WSW	S	o	41
Rome	1015.1	NE	2	c	43

Past 24 Hours.

Stations	Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	46	45	15	2
Brussels	45		1	
Berlin	30	28	-	-
Zürich		34		2
Rome		*		-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.
Objects not visible at

0	Dense fog	55	yards.
1	Thick fog	220	,,
2	Fog	550	,,
3	Moderate fog	1,100	,,
4	Mist or haze	1¼	miles.
5	Poor visibility	2½	,,
6	Moderate ,,	6½	,,
7	Good ,,	12½	,,
8	Very good ,,	31	,,
9	Excellent ,,	beyond 31m.	

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† 1h. observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 28th December 1934.

No. 26699

OBSERVATIONS at 13h. G.M.T. 27th 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)	1008.4	-18	S'W	3	r.c.	49	95	6	6	2	-	4-6	10	1500
	Croydon	1009.8	-14	S'E	4	r.c.	49	96	6	6	2	-	9+	10	800
	S. Farnborough	1007.1	-30	S'E	4	r.c.	48	95	6	6	2	-	9	10	800
	Boscombe Down	1006.0	-24	SW	2	rr	48	95	5	6	-	-	10	10	450
	Calshot, S'thmtn	1007.0	-30	S'E	6	rr	50	95	5	6	2	-	7-8	10	800
	Lympne	1011.5	-14	SSW	4	c	48	95	7	5	-	-	10	10	800
	Manston	1011.1	-10	S	4	c	49	95	7	8	-	-	9	9	1500
2	Shoeburyness	1010.2	-14	S	4	c	49	85	7	5	2	-	4-6	9+	4000
	Felixstowe	1010.6	-12	S	4	c	48	95	7	-	7	-	0	9+	-
	Gorleston	1010.7	-4	S'W	3	c	43	95	6	5	-	-	9+	9+	2500
	Cranwell	1006.8	-14	SE	3	3o	41	95	5	5	-	-	10	10	1500
3	Birmingham	1004.4	-26	SSE	4	r.c.	40	95	4	6	-	-	10	10	800
	Upper Heyford	1006.6	-22	SSE	3	rr	42	96	6	6	2	-	9	10	800
4	Ross-on-Wye	1003.6	-16	S	3	c/d	50	85	7	5	-	-	9	9	2500
5	Portland Bill	1006.1	?	SSW	5	c	52	95	7	5	-	-	10	10	1500
	Plymouth	1005.2	-2	SW	6	bc	54	85	7	8	3	1	4-6	4-6	2500
	The Lizard	1005.2	+6	SSW	5	bc	53	85	7	4	-	4	1	2-3	2500
	Scilly (St. Mary's)	1003.5	0	SWW	6	bc	54	75	7	4	4	3	1	4-6	2500
	Guernsey	1008.7	-14	W	2	rr	49	96	6	6	-	-	10	10	1500
6	Pembroke	9998	+4	SW	6	q	52	95	6	5	1	-	4-6	9	1500
7	Holyhead	9981	-20	ESE	1	c	49	95	8	5	3	-	4-6	7-8	2500
	Chester (Sealand)	1001.2	-36	SE's	4	c/r	46	96	6	5	-	-	10	10	1500
8	L'pool (Bidston)	1000.2	-34	S'W	5	c/r	45	95	7	9	-	-	9+	9+	1500
	Manchester	1002.2	-34	SSE	5	rr	46	85	6	6	2	-	7-8	10	1500
9	Harrogate	1004.9	-6	S	2	ir.	42	95	4	6	2	-	9+	10	4150
10	Spurn Head	1006.8	0	SSE	3	c	43	96	6	3	2	-	4-6	9+	1500
	Catterick	1003.8	-18	S'E	3	c	41	95	5	5	-	-	10	10	800
	Tynemouth	1003.0	-16	S	3	o	44	85	5	6	-	-	10	10	1500
11	Inchkeith	1001.3	-10	SSE	3	c	46	95	8	5	-	-	10	10	1500
	Leuchars	1001.1	-6	ESE	2	c	45	85	6	5	2	-	4-6	10	2500
12	Renfrew (Abbotsl.)	9990	-10	SE'E	3	rr	46	85	6	6	2	-	4-6	10	1500
	Eskdalemuir	1000.8	-20	SSE	4	c	42	85	6	5	2	-	7-8	10	800
13A	Tiree	9996	-16	SE	6	rr	47	95	6	6	2	-	7-8	10	800
13B	Stornoway	9942	+14	S	6	c	48	75	7	8	7	3	4-6	7-8	1500
15	Dalwhinnie	9990	+8	S	3	c	42	85	7	3	1	-	7-8	10	1500
	Aberdeen	1001.4	0	S	3	3o	46	75	6	5	7	-	1	10	800
	Wick	9980	+4	S	6	c	47	95	7	8	7	-	7-8	9+	1500
16	Lerwick	1003.4	-20	SE	8	ir	43	95	6	9	2	-	9	10	800
17	Blacksod Point	9991.4	-4	S	3	c	50	85	8	9	-	-	7-8	7-8	800
18	Malin Head	9991.8	-12	S	4	c	49	85	7	8	8	-	4-6	7-8	1500
	Aldergrove	9996.1	-10	S'E	4	c	48	85	8	8	3	-	7-8	7-8	2500
	Donaghadee	9996.7	-4	SW	3	r.c.	48	96	7	9	-	-	7-8	7-8	1500
19	Birr Castle	9995.7	-2	S	1	bc	49	85	8	5	-	-	2-3	2-3	4000
20	Valentia Obsy.	9993.7	-6	S	5	ir	45	95	8	6	-	-	9+	9+	1500
	Roches Point	9997.9	-4	WSW	4	bc	52	85	7	8	-	-	4-6	4-6	1500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	1007.5	+8	SSW	3	b	48	95	6	-	-	-	0	0	-	1	*
	Croydon	1008.4	+6	S'W	3	3o	49	95	6	7	-	-	4-6	4-6	1500	1	*
	S. Farnborough	1007.8	+16	SW	3	b	47	95	7	5	-	-	T.	T.	800	1	*
	Boscombe Down	1007.0	+10	SSW	3	bc	46	95	7	5	-	-	2-3	2-3	2500	2	*
	Calshot, S'thmtn	1008.0	+10	SSW	4	bc	50	95	8	5	-	-	2-3	2-3	2500	1	1
	Lympne	1009.0	-6	SW	4	c/s	50	95	6	5	-	-	10	10	1500	1	§4
	Manston	1009.0	-10	S	4	d.d.	50	95	6	6	-	-	10	10	800	1	*
2	Shoeburyness	1008.2	0	SSW	2	bc	49	95	7	5	-	-	4-6	4-6	2500	1	*
	Felixstowe	1008.0	-10	SSW	4	3o	48	96	6	5	2	-	4-6	10	1500	1	3
	Gorleston	1007.4	-14	S'E	7	r.c.	48	95	6	6	-	-	10	10	1500	1	4
	Cranwell	1005.7	+4	SSE	3	3o	44	95	6	-	-	-	0	0	-	1	*
3	Birmingham	1004.5	+2	S	3	b	47	95	7	-	3	-	0	1	-	1	*
	Upper Heyford	1006.1	+6	S'W	3	3o	45	96	6	5	-	-	2-3	2-3	2500	1	*
4	Ross-on-Wye	1004.7	+8	S	3	bc	49	85	7	5	-	-	2-3	2-3	2500	1	*
5	Portland Bill	1007.6	?	SSW	5	bc	52	95	7	4	-	-	4-6	4-6	2500	1	5
	Plymouth	1005.6	+4	SW's	6	c	52	95	7	5	7	-	7-8	9	1500	1	3
	The Lizard	1005.8	+10	SSW	5	c/pr	60	95	8	8	-	-	9	9	2500	1	3
	Scilly (St. Mary's)	1003.2	0	SW	6	bc	49	85	8	8	-	-	2-3	2-3	2500	1	4
	Guernsey	1009.5	+6	WSW	4	bc	51	95	7	6	-	-	4-6	4-6	2500	2	4
6	Pembroke	1000.1	+4	SW	6	q	52	85	7	8	7	-	4-6	9	2500	1	4
7	Holyhead	9985	+2	SW's	6	bc/pr	49	75	7	8	-	-	2-3	2-3	2500	1	3
	Chester (Sealand)	1001.9	+6	SSE	3	bc	46	85	6	3	-	-	2-3	2-3	4000	1	*
8	L'pool (Bidston)	1001.2	+6	S	3	bc/r	47	85	7	5	-	-	2-3	2-3	2500	1	*
	Manchester	1001.8	+4	S'W	4	3o	47	95	6	5	-	-	1	1	2500	2	*
9	Harrogate	1002.3	-6	S	2	bc	45	95	5	6	-	-	2-3	2-3	2500	1	*
10	Spurn Head	1004.6	-6	S'W	3	o	46	95	7	5	-	-	10	10	1500	1	2
	Catterick	1001.5	+2	S	4	c/r	45	95	5	-	2	-	10	10	800	1	*
	Tynemouth	1000.5	-20	S	4	o/r	46	85	6	6	-	-	10	10	1500	1	3
11	Inchkeith	9990	-14	SE	2	c	44	95	7	5	-	-	9+	9+	2500	0	1
	Leuchars	9990	-16	ESE	5	r.c.	45	75	6	6	-	-	10	10	800	1	*
12	Renfrew (Abbotsl.)	9969	-12	SE'E	2	3o	44	85	6	5	-	-	9+	9+	1500	1	*
	Eskdalemuir	9984	-10	SSW	4	ir	42	95	6	6	2	-	9	10	800	1	*
13A	Tiree	9995	+2	SSE	4	c	48	95	7	8	-	-	9	9	1500	1	4
13B	Stornoway	9937	-2	S	6	pr	48	76	6	5	-	-	10	10	1500	1	3
15	Dalwhinnie	9979	+2	SSE	6	ir	39	85	6	3	5	-	7-8	10	1500	1	*
	Aberdeen	1000.3	-10	SSE	5	3o	47	85	6	5	7	-	7-8	9+	800	1	4
	Wick	9989	+6	S	6	c	46	95	7	8	1	-	7-8	9	1500	1	5
16	Lerwick	1001.9	-10	SE	8	r.c.	45	96	6	6	-	-	10	10	800	2	*
17	Blacksod Point	9992	-4	S	5	q	51	75	8	9	-	-	10	10	800	1	5
18	Malin Head	9992	-4	S	5	q	51	75	8	9	-	-	10	10	800	1	5
	Aldergrove	9995.8	-2	S'E	3	b	44	85	8	3	-	-	1	1	2500	1	*
	Donaghadee	9995.8	-2	SW	2	bc	45	95	7	5	-	-	4-6	4-6	1500	1	1
19	Birr Castle	9994.4	-6	S	1	bc/pr	45	85	8	5	-	-	2-3	2-3	2500	1	*
20	Valentia Obsy.	9990.0	-22	S'E	6	pr.	50	75	8	6	-	2	4-6	7-8	1500	1	5
	Roches Point	9996.8	-6	SW	5	bc	51	85	7	8	-	-	4-6	4-6	1500	1	5

PAST 24 HOURS.

Stations. (For heights see p. 4.)	Weather. 7h.–13h. 27th (37)	Weather. 13h.–18h. 27th (38)	Weather. 18h. 27th to 1h. 28th (39)	Weather. 1h.–7h. 28th (40)
London (Kew)	cwerr6	cm.bm.	bbcm.	ocr
Croydon	bc§cm.r6	Rrrbcm.	bcm.pr.	cm.r.rr
S. Farnborough	cmrr.c	r.Dbcb	bprb,c	ccr.
Boscombe Down	corrm.	rr§vp	b t l r§b	borr
Calshot, S'thmtn	crrm.	crrm.bc	bccb	bbccrr
Lympne	bwi§c	rr§dc	coir	r.corr
Manston	c	crr.rdd	cbccpr	ccd.
Shoeburyness	bccm.	iroirbc	bc	bccprcpr
Felixstowe	bcmcm.c	crrr.cm.	cm,b,cpr.	c
Gorleston	c§c3o	corrq	a r.bc	bcprc
Cranwell	cm.	crrb	bm.wc	cm.
Birmingham	corr	orbc	bc	bcc
Upper Heyford	RR	RRbc	bcbR	cm.
Ross-on-Wye	crrdc	cbccbc	bc§bcc	c
Portland Bill	orrc	cbc	c.bc	bcorr
Plymouth	crbc	bcc	cpR	cor.r.
The Lizard	rrcbc	bcprl	cbccq	orr
Scilly (St. Mary's)	ir.bc	bccbc	pbcc	oir.
Guernsey	oRrr	orc	bcc	cRr
Pembroke	cqirmc	cbcqc	bcqirc	cqc
Holyhead	r.c.R	KqRRRq	pr,pr.	pr.prq
Chester (Sealand)	cm.Rr.	c,b	o r.Rq	cbc
L'pool (Bidston)	corrq	cb r.	corc	cbcb
Manchester	cr.R	bcpr.	boR	bbc
Harrogate	com.r.	orrbc	bccP	cbr.
Spurn Head	cbc	cmr.	bcw	cw
Catterick	crm.	orrm.	om.rr	om.r.o
Tynemouth	bcc	oir.	oir.bc	bc
Inchkeith	c	cbc	bcir	ccir.
Leuchars	cirm.c	cm.o r.r.	r.c.bpr.	bcpr.c
Renfrew (Abbotsl.)	cr.crr	r r.r.c	cm.irbc	bcorrm.
Eskdalemuir	r.c.m.	r.r.r	cirm.	cr.r.
Tiree	corr	orrc	cbc	circ
Stornoway	crr,c	cpraq	cpraq	cbc
Dalwhinnie	c	rr	*	rrc
Aberdeen	o r.q.cm.	c3o	cm.r.r.	cm.
Wick	rr i r.	c	cpr.c	cbc
Lerwick	cirm.	r.c.r.m.	o r.r.c.m.	cirm.
Blacksod Point	phrq	PHRq	R	prcq
Malin Head	cpr	cbc	§ iR	bccpr
Aldergrove	cr.r.cbcc	cprbcb	bbcc	cr.c
Donaghadee	c r.r.c	r.r.bc	cPR	cpraq
Birr Castle	cprbc	bcpr	bcprc	c
Valentia Obsy.	rrPHRir	ir pr.	prairc	cpr.
Roches Point	c p. bc	cprbc	bccpr	corrc

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. k, 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.
"t r" 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.*

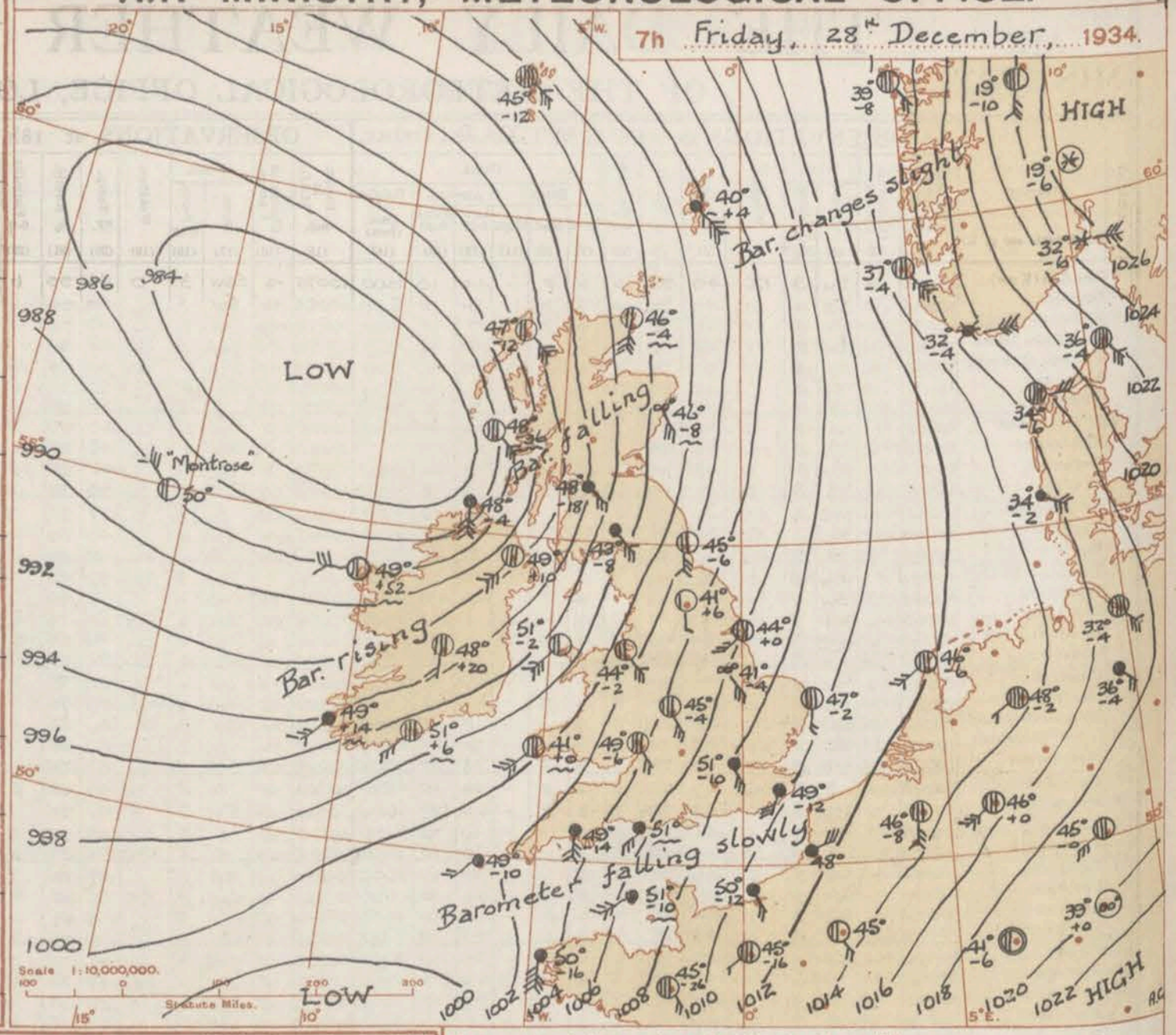
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 27th December 1934

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 26th to 9h. 27th	Temperature. Max. 9h.—17h. 27th	Rainfall. Night. 17h. 26th to 9h. 27th	Rainfall. Day. 9h.—17h. 27th	Sunshine. Sunrise to Sunset. 27th
1	Tunbridge W.	or	oro	38	49	1	4	0.0
	Bournemouth	o	rco	44	51	4	4	0.3
	Ventnor ...	raurn	ormc	47	51	1	3	0.0
	Southsea ...	orr	oro	43	52	1	3	0.0
	Bognor Regis	crrc	c	47	51	0.3	3	0.0
	Littlehampton	cr	rcbc	41	51	0.1	3	0.0
	Worthing ...	cr.	rc	41	51	1	3	0.0
	Brighton ...	od	doc	44	52	0.3	2	0.0
	Eastbourne†	co	orrcbc	47	52	0.1	4	0.0
	Hastings† ...	pp	oro	44	50	0.6	4	0.0
	Folkestone ...	rbc	~~bcr~~	40	51	3	3	0.0
	Dover... ...	c	cor	44	51	1	2	0.0
	Deal	o	r	42	50	1	3	0.0
	Ramsgate ...	c	cdcr	44	50	-	1	0.0
	Margate ...	c	crd	44	50	0.3	1	0.0
2	Southend ...	om.	oirc	41	48	1	1	0.0
	Maldon ...	c	oro	35	49	1	2	0.0
	Clacton-on-Sea	cbcc	cre	42	49	1	2	0.0
	Dovercourt ...	rbcc	roc	40	48	1	2	0.0
	Lowestoft ...	iroF	cold.	39	49	04	1	0.0
	Skegness ...	oco	or	40	47	0.3	4	0.0
	Mablethorpe	om.	orm.	36	46	1	4	0.0
	Cleethorpes ...	bc.	or	38	46	1	2	0.0
3	Leamington S.	oro	oc	41	49	-	4	0.0
4	Cheltenham†	orr	orcbc	43	50	2	4	1.0
5	Bath	crr	rcbcb	42	52	1	5	0.6
	Weymouth ...	crr	cb	47	53	3	5	0.1
	Jersey ...	rqc	rqc	50	53	3	6	0.0
	Torquay ...	porqp	bbcqjb	46	55	2	3	2.7
	Penzance ...	cb	bbcpc	47	55	3	Trace	2.9
	St. Ives ...	c	c	47	53	7	-	2.9
	Bude	rcbc	bc	43	54	1	Trace	2.6
	Ilfracombe ...	cpc	cbc	46	54	3	1	1.5
6	Aberystwyth	cprc	c	46	52	1	0.5	0.2
7	Llandudno ...	cr	cbcpc	46	53	0.2	4	0.9
	Colwyn Bay...	orro	pbc	47	52	1	6	0.2
	Rhyl	cor	crbcb	45	52	0.2	3	0.2
8	Wallasey ...	or	rcbcb	44	50	-	3	0.3
	Southport‖ ...	oro	ocopbc	43	49	0.4	3	0.0
	Blackpool ...	or	cp	42	48	-	6	0.0
	Morecambe ...	c	rroir	42	49	1	6	0.0
9	Ilkley... ...	o	roro	39	45	3	4	0.0
10	Berwick-on-T.	o	orcfo	43	47	-	0.3	0.0
11	Dunbar ...	cR	cp	41	47	0.3	(Trace)	0.0
12	Troon... ...	cocc	rcrcc	39	48	3	2	0.3
	Douglas ...	cRq	cRbc	47	48	3	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.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 28th December, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands 5. S.W. England	Moderate or fresh southerly wind, stronger locally on coast, veering west later; continuous rain at first, bright intervals and showers tomorrow; mild.
6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Light or moderate variable wind, freshening from northwest to west later; mainly dull and rainy; probably brighter intervals and showers tomorrow; mild.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Fresh southwest wind, moderating; bright intervals and showers; mild.
13. A. W. Scotld. B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland	Strong south to southwest wind, moderating later; occasional rain, but bright intervals at most places; mild.
16. Orkneys and Shetlands	Southeast gale; cloudy, rain at times; rather mild.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate westerly wind, backing tomorrow and tending to freshen; showers and bright intervals; mild.

H.M. Stationery Office Press Kingsway WC2

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 1/8 clouded. ◑Sky 1/8 to 4/8 clouded. ◕Sky 5/8 to 7/8 clouded. ●Overcast sky. ●Rain falling. ✳Snow. ✳Sleet ▲Hail ≡Fog. ≡Mist. ϒThunder. ϒ 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 Northwest Ireland will move slowly northeast or north, and a deepening secondary to west of the Bay of Biscay will move northeast across England, accompanied by rain. There will be bright intervals in Scotland and Ireland, and more generally tomorrow.

FURTHER OUTLOOK.

Unsettled and mild; bright intervals tomorrow in most districts.

Times of issue of Gale Warnings.
V South Cone at 1445 on 23rd in districts 15 & 16.
V South Cone at 1425 on 24th in districts 13A, 13B and 18(part of).

Forecasts issued at 1015 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

Morning of
Friday
28th December.
1934.

Clarke's Projection Scale 1 : 4 × 10⁷ along meridian at 55°N
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ - Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 28th December 1934.

No. 26699

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

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)	°F. Temp. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1008·9	+2	S'W	3	c	50	95	6	8	2	–	7-8	7-8	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1010·5	0	SW	4	ir.	49	95	7	6	1	–	9	9+	450
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1009·0	+6	S'W	24	bc	46	95	6	5	–	–	4-5	4-5	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1007·2	·	SW	8	bc	52	95	8	4	–	–	4-6	4-6	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1005·4	+2	SW'S	8	c	51	95	7	5	–	–	10	10	2500
	Scilly (St. Mary's)	163	1003·3	0	SW	6	0	51	95	7	5	–	–	10	10	2500
	Guernsey	175	1009·2	-8	SSW	4	c	52	95	7	5	1	–	7-8	10	2500
6	Pembroke	142	999·4	0	SW	7	q	52	85	7	5	–	–	7-8	7-8	2500
7	Holyhead	26	998·6	-6	S	5	c/pr	50	85	7	8	–	–	7-8	7-8	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1005·5	0	SSW	3	c	46	95	7	5	2	–	2-3	7-8	1500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1001·5	0	S	4	bc	45	85	7	9	–	–	4-5	4-5	1500
11	Inchkeith	190	1000·2	+4	SE	2	c	45	85	8	5	4	–	4-6	7-8	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	993·7	0	SSE	5	c	48	75	8	5	7	–	4-6	7-8	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	997·0	-14	S	6	c	46	95	7	8	1	–	4-6	7-8	1500
16	Lerwick	156	1002·2	-10	SSE	7	c	43	95	6	8	2	–	9	10	800
17	Blacksod Point	18	952·0	-52	S	5	RR	50	95	7	6	–	–	10	10	450
18	Malin Head	52	983·0	-22	SE	4	bc	44	95	7	4	–	–	4-6	4-6	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	988·7	+26	SW	7	c/pr	50	95	6	9	–	–	9+	9+	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1007·3	-8	S'E	2	r	51	95	7	6	2	–	7·8	10	1500	1	*
1008·1	-10	S'E	3	rr	51	95	6	6	2	–	7·8	10	1500	1	*
1006·5	-16	SSW	2	ir	51	95	6	6	2	–	9	10	1600	1	*
1005·5	-8	S	4	rr	49	95	7	6	–	–	10	10	450	2	*
1006·9	-16	S'E	2	rr	49	95	7	6	7	–	4·6	10	1500	1	2
1009·6	-12	S'W	4	rr	49	95	6	6	–	–	10	10	220	1	§ 3
1009·5	-4	SSW	4	id.	50	95	7	6	–	–	10	10	800	1	*
1008·8	-2	SSE	2	pr	49	95	7	5	–	–	10	10	1500	1	*
1009·0	-4	S'E	4	c	48	95	7	–	7	–	0	10	–	1	3
1008·9	-2	S	24	c	47	95	6	–	2	–	0	10	–	1	2
1006·1	-4	SSE	3	3o	41	95	6	5	2	–	7·8	10	4000	1	*
1004·6	-4	SSE	3	c	45	95	8	–	–	7	0	10	–	1	*
1005·9	-8	SE	3	3o	47	95	5	5	7	–	7·8	9+	800	1	*
1003·8	-6	SSE	2	c	49	85	7	6	1	–	2·3	7·8	2500	1	*
1005·8	*	SW	3	rr	51	95	7	5	–	–	10	10	1500	1	4
1003·5	-14	S	5	c6	49	85	8	6	–	–	10	10	1500	1	3
1002·5	-16	SSE	2	rr	49	95	6	5	–	–	10	10	1500	1	3
1001·0	-10	SW'S	2	ic	49	85	7	5	–	–	10	10	2500	1	3
1006·6	-10	SSW	5	rr	51	95	6	6	–	–	10	10	1500	2	4
999·6	0	SW	5	q	51	85	7	5	–	–	10	10	2500	1	4
997·8	-2	S'W	5	bc	51	85	7	5	–	–	4·6	4·6	1500	1	2
1001·8	-2	SE	4	bc	44	85	7	5	3	1	4·6	4·6	2500	1	*
1000·8	0	S'W	4	b	44	95	7	5	–	–	Tr	Tr	2500	1	*
1002·4	-6	S	4	bc	46	85	7	–	3	1	0	2·3	–	1	*
1003·4	+6	S	1	b	41	95	7	–	8	–	0	1	–	1	*
1005·5	0	S'W	3	c	44	95	7	3	2	–	4·6	9+	1500	1	2
1002·5	0	SE	3	o	41	95	7	5	–	–	10	10	1500	1	*
1001·4	-6	S	4	bc	45	85	6	5	–	–	2·3	2·3	1500	1	3
997·2	-20	SE	3	ic	45	85	8	5	7	–	4·6	9	2500	1	2
997·4	-10	ESE	4	c	45	85	7	5	–	–	7·8	7·8	1500	1	*
993·0	-18	SE	3	r.r.	48	95	6	6	–	–	10	10	1500	1	*
997·0	-8	S'E	4	r.r.	43	95	7	5	–	–	9+	9+	1500	1	*
985·6	-36	SE	S	c	48	95	7	5	1	–	7·8	9	2500	1	4
991·4	-12	SE	S	bc	47	75	8	5	7	–	2·3	4·6	1500	1	3
993·1	-34	S	5	RR	40	95	6	6	6	–	7·8	10	800	2	*
998·7	-8	SSE	3	3o	46	85	6	5	3	–	4·6	7·8	1500	1	4
996·5	-4	S	6	bc	46	95	8	5	8	–	2·3	4·6	2500	1	5
1001·5	+4	SSE	8	ir	48	95	6	6	2	–	4·6	10	1500	2	*
988·9	+52	W	4	bc	49	95	7	9	–	–	4·6	4·6	800	2	4
984·2	-4	S	6	pr	48	95	7	6	–	–	10	10	800	1	2
991·0	+10	S'W	S	c	49	85	7	6	2	–	9	10	800	1	*
992·3	+4	SW	4	pr	49	95	7	6	–	–	9	9	800	1	3
993·4	+20	S	2	c	49	85	8	8	–	–	9	9	2500	1	*
994·9	+14	SSW	4	pr	49	85	8	6	2	–	9+	10	1500	1	4
996·9	+6	SW	3	c	51	95	7	9	–	–	7·8	7·8	1500	1	5

PAST 24 HOURS.

Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 27th Hrs. (36)
50	47	41	1	0·6	0·0
50	49	45	3	0·2	0·0
50	47	42	3	0·4	0·0
49	41	40	8	3	0·2
51	49	47	3	1	0·0
50	48	46	3	1	0·0
51	46	43	1	0·4	0·0
50	43	39	1	0·3	0·0
48	46	43	1	0·1	0·0
48	43	39	1	1	0·0
46	38	34	2	0·1	0·0
48	42	40	4	–	0·0
47	41	35	5	3	*
52	46	41	5	0·2	1·0
54	50	*	5	4	*
54	47	46	2	2	2·6
54	48	*	2	2	*
54	48	*	0·2	0·3	2·7
53	50	45	8	10	0·0
53	47	*	4	0·1	?
51	46	42	7	2	0·3
49	40	33	4	4	0·4
49	42	39	3	3	0·1
50	41	35	5	5	0·0
45	39	33	3	5	0·0
47	42	*	1	Tr	0·0
46	39	35	3	1	0·0
46	43	38	0·4	0·4	*
48	43	39	–	0·1	0·0
47	38	29	0·1	1	0·0
48	42	36	3	6	0·0
44	40	38	4	3	0·0
48	45	41	4	2	0·0
49	46	*	3	0·6	0·0
46	35	35	6	11	0·0
48	44	41	1	0·5	0·0
48	45	*	1	1	*
46	42	*	1	3	0·0
52	46	*	2	9	*
49	42	*	2	2	0·8
49	44	39	3	1	1·0
49	42	*	9	2	*
50	43	39	5	0·3	1·8
51	49	44	7	1	0·5
52	50	*	1	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	cwcrr.	cm.bm.	bbcocr	50	47	41	1	0·6	0·0	*	*	5
CROYDON	217	bc.cm.r.	Rrrbcm.	bcpcrrr	50	49	45	3	0·2	0·0	*	*	6
GREENWICH (Royal Observatory)	149	c	crr.c	bc.Rccrr	50	47	43	1	4	0·0	95	98	6
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	*
WESTMINSTER (St. James' Park)	27	*	*	*	51	50	40	6		0·0	89	93	*
REGENTS PK. (Botanic Gardens)‡	168	*	*	*	51	48	43	1	5	0·0	93	100	*
CAMDEN SQUARE	119	c	crc	*	50	48	39	1	6	*	*	96	*
KENSINGTON	80	bcm.	bcc.opd.	*	51	48	37	1	4	0·0	At 18h. 96		*
HAMPSTEAD OBSERVATORY	450	cor	or	bcmort	48	42	35	2	7	0·0	97	100	*

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.
0·3	19h	<0·1	2-6h
	27th		28th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 27th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 28th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
PARIS	1015·8	S	4	rr	48	1013·8	SSE	2	bc	45
BRUSSELS	1014·6	S	5	rr	46	1013·6	S	4	c/r	46
BERLIN	1019·4	E	3	S.S.	30	1021·3	SE'E	2	0§	30
ZÜRICH	1024·0	SE	1	C	41	1023·8	ESE	1	C	36
ROME	1016·5	-	0	o	50	1020·9	NE	1	3o	41

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall Day. mm.	Rainfall Night. mm.
52	45	4	0·6
50	45	2	2
32	28	2	-
46	36	0·2	Tr
*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.
Objects not visible at

0	Dense fog	55	yards.
1	Thick fog	220	,,
2	Fog	550	,,
3	Moderate fog	1,100	,,
4	Mist or haze	1¼	miles.
5	Poor visibility	2½	,,
6	Moderate ,,	6½	,,
7	Good ,,	12½	,,
8	Very good ,,	31	,,
9	Excellent ,,	beyond 31m.	

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† The observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h § Sea disturbance reported from Dungeness

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 29th December 1934.

No. 26700

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

Distrct.	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	1003·9	-26	S'E	3	ir.	50	85	6	5	1	-	2-3	10	4000
	Croydon	1005·0	-26	SSE	4	ir.	50	85	6	5	2	-	1	9+	4000
	S. Farnborough	1003·4	-26	SSE	3	r.r.	49	95	6	5	2	-	7-8	10	2500
	Boscombe Down	1001·7	-26	SE'S	4	r.r.	49	95	6	6	-	-	10	10	450
	Calshot, S'thmtn	1003·5	-26	SE	4	rr	49	95	6	6	2	-	4-6	10	1500
	Lympne	1006·8	-30	SSE	4	c/r	46	85	7	-	2	-	9	9	5700
	Manston	1005·8	-30	SSE	4	c	49	85	7	-	7	-	0	9+	-
2	Shoeburyness	1005·5	-24	S	3	c	49	95	7	5	2	-	2-3	10	4000
	Felixstowe	1005·6	-32	SE'S	4	c/r	48	95	7	-	2	-	(7-8)	(7-8)	7200
	Gorleston	1006·9	-14	S	5	r.r.	49	95	6	6	-	-	10	10	1500
	Cranwell	1003·8	-22	ESE	2	rr	45	95	6	6	2	-	9	10	800
3	Birmingham	1002·4	-16	SSE	2	r.r.	46	95	4	6	-	-	10	10	800
	Upper Heyford	1002·5	-26	S'E	4	rr	48	95	5	6	2	-	4-6	10	800
4	Ross-on-Wye	1000·5	-26	S'E	2	r.r.	48	95	6	6	-	-	10	10	1500
5	Portland Bill	1001·5	?	S	6	rr	49	95	6	5	-	-	10	10	1500
	Plymouth	9974	-40	SSE	6	rr	50	95	6	6	2	-	9	10	800
	The Lizard	9942	-40	S	7	rr	52	95	6	6	-	-	10	10	1500
	Scilly (St. Mary's)	9928	-50	S'W	5	dz	51	95	3	5	-	-	10	10	4160
	Guernsey	1002·3	-30	S	5	rr	49	95	6	6	-	-	10	10	1500
6	Pembroke	9967	-20	SE	4	ir.	48	95	6	8	-	-	10	10	2500
7	Holyhead	9977	-6	S	4	c	50	85	6	8	7	-	7-8	10	1500
	Chester (Sealand)	1000·6	-14	SE	4	c	48	85	6	5	2	-	4-6	10	2500
8	L'pool (Bidston)	1000·1	-10	S	3	c	47	95	6	5	-	-	10	10	2500
	Manchester	1001·1	-14	S	4	ir.	49	85	5	6	2	-	2-3	10	2500
9	Harrogate	1002·1	-6	SSE	1	f	44	95	2	5	-	-	10	10	4150
10	Spurn Head	1003·9	-2	S'W	2	rr	46	95	6	6	-	-	10	10	1500
	Catterick	1001·6	-14	S'E	2	o	46	95	6	5	-	-	10	10	1500
	Tynemouth	1000·9	-4	SSE	2	c	47	85	6	4	-	-	9+	9+	4000
11	Inchkeith	9972	+2	SSW	3	c	49	85	8	8	3	-	4-6	9	2500
	Leuchars	9974	+2	SE	4	ic	46	95	6	6	-	-	10	10	800
12	Renfrew (Abbotsl.)	9953	+18	SSE	2	c/pr	51	75	6	8	-	-	9	9	1500
	Eskdalemuir	9980	+4	S'W	4	c	45	85	7	5	-	-	9+	9+	1500
13A	Tiree	9893	+32	S'W	6	pr.	49	95	7	8	7	-	7-8	7-8	1500
13B	Stornoway	9877	-16	SE	5	rr	47	95	6	6	-	-	10	10	800
15	Dalwhinnie	9942	+10	S	5	c	45	85	7	4	2	3	4-6	10	1500
	Aberdeen	9971	-12	S'E	5	q	49	75	8	8	3	9	4-6	4-6	2500
	Wick	9937	-18	S	8	rr	47	95	7	6	-	-	10	10	1500
16	Lerwick	1001·0	-4	SSE	8	c/r	46	95	6	6	2	-	7-8	10	450
17	Blacksod Point	9930	+30	W	4	bc	50	95	8	4	-	-	4-6	4-6	1500
18	Malin Head	9911	+32	SSW	4	c	49	95	8	8	-	-	9+	9+	800
	Aldergrove	9960	+8	S'W	4	c	48	85	8	6	-	-	9+	9+	1500
	Donaghadee	9956	+8	WSW	3	c	49	95	7	5	-	-	9	9	1500
19	Birr Castle	9954	-4	SSW	1	c	49	85	8	5	-	-	9+	9+	2500
20	Valentia Obsy.	9951	-6	S'W	1	c	50	95	8	5	1	1	4-6	9	1500
	Roches Point	9967	-14	SSW	2	c	50	95	7	5	-	-	9+	9+	1500

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

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)
1006·6	-14	SSE	2	rr	48	95	6	6	2	-	4-6	10	1500	1	*
1001·9	-18	SSE	3	ir.	48	95	6	6	2	-	4-6	10	800	1	*
1000·2	-12	SSE	3	rr	48	95	6	6	-	-	10	10	800	1	*
9984	-18	S	5	rr	49	95	6	6	-	-	10	10	450	2	*
1000·4	-20	SE'S	6	rr	50	95	6	6	2	-	9	10	800	1	3
1003·7	-18	SSE	2	rr	47	95	8	6	2	-	7-8	10	1500	1	§ 3
1003·3	-12	SE	5	r.r.	47	95	7	6	2	-	4-6	10	800	1	*
1002·6	-2	SE	3	rr	47	95	8	9	-	-	10	10	1500	1	*
1003·5	-12	SSW	4	r.r.	48	85	6	-	7	-	0	10	-	1	3
1003·3	-22	SE'S	5	r.r.	48	85	6	6	-	-	10	10	1500	1	3
1000·7	-14	SE	4	rr	46	95	6	6	-	-	10	10	450	1	*
9982	-22	SE	3	rr	46	95	5	6	-	-	10	10	800	1	*
9989	-18	SE	3	rr	46	95	5	6	2	-	9+	10	800	1	*
996·92	-20	SSE	4	rr	49	95	6	6	-	-	10	10	1500	1	*
9992	?	SSW	5	o/r	52	95	7	5	-	-	10	10	1500	1	5
9953	-6	S	6	c/r	52	95	7	6	2	-	4-6	10	1500	1	4
9942	0	S'W	6	bc	52	95	7	8	-	-	4-6	4-6	2500	1	4
9928	+4	N	5	c/r	47	95	7	3	6	-	4-6	7-8	1500	1	4
1000·6	-11	S	5	o	51	85	7	5	-	-	10	10	1500	2	4
9898	-32	SSW	7	rr	52	95	5	6	-	-	10	10	1500	1	4
9953	-14	E'N	4	r.r.	47	95	7	6	2	-	7-8	10	1500	1	2
9970	-22	E'S	2	rr	46	95	4	6	2	-	7-8	10	1500	1	*
9967	-20	SE	3	rr	46	95	5	5	-	-	10	10	1500	1	*
9978	-20	ESE	3	rr	46	95	4	6	2	-	4-6	10	2500	2	*
9999	-10	SSE	1	rf	44	95	2	5	-	-	10	10	4150	1	*
1000·6	-10	S'E	3	rr	46	95	6	6	-	-	10	10	800	1	2
9997	-8	S'E	1	c.r.	44	95	6	-	2	-	10	10	1500	1	*
1000·9	0	S	2	ir.	47	85	6	6	-	-	10	10	1500	1	2
9988	+8	SSE	3	c	48	85	7	5	2	-	7-8	9+	1500	0	2
9979	+12	SE	3	c	47	85	6	3	-	-	10	10	2500	1	*
9967	+10	SE'S	3	g.	47	85	6	5	-	-	4-6	4-6	4000	1	*
9984	+4	SSE	2	ir.	44	95	7	5	-	-	9+	9+	800	1	*
9931	+18	SSW	4	bc	46	95	7	5	-	-	4-6	4-6	2500	0	3
9932	+16	S	7	ir	48	95	6	5	6	-	7-8	9+	1500	1	4
9955	+18	SSW	3	ir	43	95	6	3	4	-	4-6	9	1500	1	*
9984	+12	S'E	5	3.	48	85	6	5	3	-	2-3	4-6	1500	1	4
9948	+10	S	8	bc	47	95	7	5	1	-	2-3	4-6	1500	1	5
10004	+2	SSE	8	c	47	85	6	6	2	-	7-8	10	800	1	*
9951	+18	W	2	bc	46	95	8	4	-	-	4-6	4-6	2500	1	3
9939	+8	S	1	bc/pr	46	95	8	4	-	-	2-3	2-3	1500	1	1
9960	+4	S	2	bc	45	85	7	5	-	3	4-6	4-6	2500	1	*
9963	+2	WSW	2	c	46	95	7	5	-	-	7-8	7-8	1500	0	0
9951	-2	SE	1	c	45	95	8	5	-	-	9+	9+	2500	1	*
9960	+10	-	0	c	47	95	8	5	3	-	7-8	9+	1500	1	3
9958	-2	NW	1	o	48	95	6	5	-	-	10	10	800	1	3

PAST 24 HOURS.

Weather Th.—13h. 28th (37)	Weather 13h.—18h. 28th (38)	Weather 18h. 28th to 1h. 29th (39)	Weather 1h.—7h. 29th (40)
crr ic.	crr m.	crr c.m.	c
crr R.	cm. r.	cr. r.m.c	cd. b. cr.
rr r.c.	cr. rr.	rr cbc	b. crc
orr m.	orr m.	oi.m.c	c.R.C
crr c.r.r	crr R.m.	cm.c.m.	cm.c.q.r.b
orr f.	cir. r.r	rr i. c	cor d.f
crr c.c	c.p.r.	r.r. c.i.	cor r.
orr c	c.r.r	c.p.r.	c.p.r.m.r.m
cor r.m	c.r. 3.	c.r. c.i.	c.r. c.i.m.
corr q	oir.q	o.r.	o.r.c
crr 3.	c.o.r.r	orr.	cm.
cr.r.	o.r.	orr	o.p.c
dr. rr	r. RR	rr. r.	cr.
cod r.	orr.q	c.b.c.r.	o.r.q
orr 3.	orr	orr	c
c.p.r.	crr.r.r	cir	c.p.r.
r.r.c	c.p.r.b.c	p.R.H.q	
r.i.f	i.r. i.r	i.r. p.	b.c.b.c
o.d.r.r	o.r.r.o	o.c.b.c.c	c.p.r
c.a.d.i.m.c	o.m.r.r.o	o.q.R.R	o.q.i.r.c.q
q.i.r.c	i.r.o.c	r.r.i.r.	r.r.o.c
b.c.c.m.	o.r.r.m	r.R.o.m.	o.m.R.R.k.q
c	o.r.r.m.	o.r.r	o.i.r.q.c
c.m.r.	r.r.o.r	r.r. R.R	c.r.r
b.o.f.f.e	i.f.o.r.r	o.i.f.r.r	o.i.f.i.r
c.o.r.r	o.r.r	r.p.o	c
o.m.	o.r.r.m.	o.r.r.m.	o.m.i.r.
b.c.c	c.o.i.r	o.r.r.	o.r.r.
c.i.r.	c	c.o.i.r	o.r.r.q
c.r.o.i.r.	c.m.r.	c.p.r.c.m.	c.r.r.m.
r.r.q.f.c	c.b.c.3.	b.e.m.	m.p.r.b.c
i.r.c	c.i.r.	i.r.r.r.	c.r.r.c
c.p.r.	c	b.c.c	c.r.b.c
c.r.r.m.c	b.c.p.r.	b.c.c.r.	c.m.r.r.
b.c.o.r.r	o.r.r.b.c	b.c.c.	c
c.i.r.m.	c.i.r.m.	c.p.r.	c.o.r.r.m.
c.b.c	p.r.b.c	p.r.b.c	p.r.c
c.p.r.	c.p.r.	b.c	b.c.c.p.r
c.b.c	b.c.c	c.b.c	i.r.c
c	c	c	o.i.r.c
c.p.r.c	c.p.r.c	c.p.r.c	c.b.c.p.r.c
c.p.r.c	c.o.m.	c.p.b.c	b.c.b

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.
f., 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.*

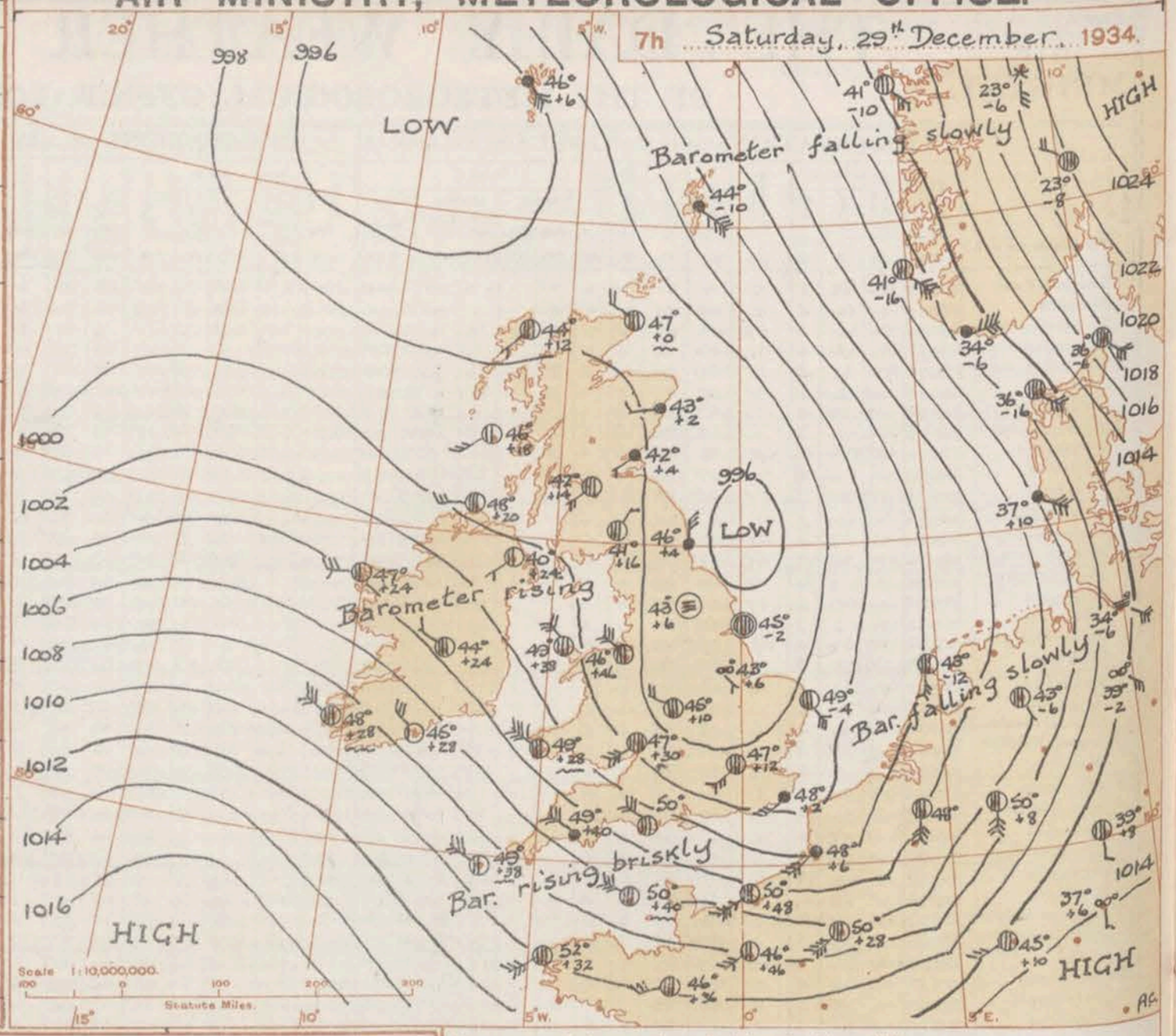
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 28th December 1934

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 27th. to 9h. 28th.	Temperature. Max. 9h.—17h. 28th.	Rainfall. Night. 17h. 27th. to 9h. 28th.	Rainfall. Day. 9h.—17h. 28th.	Sunshine. Sunrise to Sunset. 28th.
1	Tunbridge W.	oro	oro	45	49	5	2	0.0
	Bournemouth	r	r	46	51	6	10	0.0
	Ventnor ...	or	or	49	50	5	6	0.0
	Southsea ...	oro	orr	49	51	3	6	0.0
	Bognor Regis	roir	rr	49	50	4	4	0.0
	Littlehampton	crc	crr	49	51	4	5	0.0
	Worthing ...	ror	rr	49	50	3	4	0.0
	Brighton ...	ro	or	49	51	3	3	0.0
	Eastbourne†	o	oroorr	49	52	3	3	0.0
	Hastings† ...	orco	ord	49	51	4	2	0.0
	Folkestone ...	oir	oir	43	50	4	1	0.0
	Dover... ...	roc	cor	48	52	4	1	0.0
	Deal	rrc	oro	48	51	2	2	0.1
	Ramsgate ...	rdc	cd	49	51	4	1	0.0
	Margate ...	cd	cd	46	50	3	0.5	0.0
2	Southend ..	or	oir	44	49	2	2	0.0
	Maldon ...	ro	or	41	50	4	1	0.0
	Clacton-on-Sea	oroor	oc	44	49	1	5	0.0
	Dovercourt ...	roc	roc	44	49	2	3	0.0
	Lowestoft ...	cro	iroc	41	50	2	5	0.0
	Skegness ...	or	or	41	48	1	3	0.0
	Mablethorpe	or	oro	39	48	0.5	4	0.0
	Cleethorpes ...	omro	orr	39	48	0.3	2	0.0
3	Leamington S.	oro	or	44	48	1	3	0.0
4	Cheltenham†	oir	oiror	45	50	1	6	0.0
5	Bath	rr	rr	46	60	7	8	0.0
	Weymouth ...	rr	r	47	53	7	8	0.0
	Jersey ...	rro	rqc	48	51	3	3	0.0
	Torquay ...	rory	orroy	48	53	6	13	0.0
	Penzance ...	r	rrdc	48	54	7	9	0.0
	St. Ives ...	r	r	47	53	3	16	0.0
	Bude	r	ror	44	53	2	5	0.0
	Ilfracombe ...	orr	rr	47	54	1	6	0.0
6	Aberystwyth	prc	rr	46	51	1	4	0.0
7	Llandudno ...	roirc	cror	45	52	3	3	0.0
	Colwyn Bay...	oco	oporr	45	51	5	2	0.0
	Rhyl	c	cod	43	50	4	0.2	0.0
8	Wallasey ...	cbcc	corr	44	49	4	3	0.0
	Southport‖ ...	co	or	42	49	3	4	0.0
	Blackpool ...	o	or	43	48	3	1	0.0
	Morecambe ...	crcc	cdo	43	48	4	0.5	0.0
9	Ilkley... ...	o	ogoro	39	48	3	1	0.0
10	Berwick-on-T.	o	o	40	46	0.4	-	0.0
11	Dunbar ...	cm	bc	40	49	Trace	[illegible]	0.5
12	Troon... ...	cbcc	cbc	45	50	5	-	1.4
	Douglas ...	cbcld	cidc	45	50	0.5	Trace	0.0

† 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. 29th December, 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Moderate or fresh west or northwest wind, falling light tonight, freshening from south tomorrow; cloudy at first, clearing evening or night; rain spreading from west tomorrow; local morning fog; cooler night and morning.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Fresh northwest wind, moderating, backing south and becoming strong tomorrow; bright intervals, local showers, rain tomorrow; local fog later tonight, clearing early tomorrow; somewhat cooler night and morning.
10. N.E. England	As 1 - 3.
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	Moderate or fresh west wind, backing south or southeast later; bright intervals, local showers; general rain spreading northeast tomorrow; local morning fog; somewhat cooler night and morning.
16. Orkneys and Shetlands ✝	Wind variable, strong locally at first; cloudy, some rain; average temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate west wind, backing south, becoming strong, perhaps gale locally; bright intervals, local showers, general rain later; 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 1/10 clouded. ◑ Sky 1/10 to 1/5 clouded. ◑ Sky 1/10 to 5/10 clouded. ◑ Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. ⚡ Thunderstorm. co Slight haze.
SEA DISTURBANCE. ≈ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A depression off Northeast England is moving northeast and filling up. A wedge of high pressure off West Ireland is moving east followed by a large depression on the Atlantic. There will be a short fair interval but rain will spread eastward tomorrow. Morning fog will develop locally.

FURTHER OUTLOOK.

Rain at times; mild.

Time of issue of Gale Warnings.

✝ South Cone hoisted at 1445 on 23rd in district 16 (Shetlands).

Forecasts issued at 1000 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

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

Morning of
Saturday.
29th December.
1934.

Clarke's Projection Scale 1 : 4 × 10⁷ along meridian at 55°N.
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 29th December 1934.

No. 26,709

OBSERVATIONS at 1 hr. G.M.T. 29th December

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	29.97	-.20	SE	2	c	47	85	7	-	7	-	0	9	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	29.98	-.22	S'E	3	c	49	85	8	5	1	8	4-6	9+	2500
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1000.7	-.6	S'E	4	ir$_0$	47	95	6	6	-	-	10	10	1500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	556	*	*	*	*	*	*	*	*	*	*	*	*	o	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	228	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	29.95	?	SSE	5	o	51	95	7	5	-	-	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	29.99	+.34	NNW	5	bc	48	95	8	8	-	-	4-6	4-6	2500
	Scilly (St. Mary's)	163	29.98	+.28	NNW	5	bc/pr	47	95	8	8	4	5	2-3	4-6	2500
	Guernsey	175	29.99	-.10	-	0	c/pr	45	95	7	5	-	-	7-8	7-8	2500
6	Pembroke	142	29.98	+.20	NW	5	RR	46	95	7	6	-	-	10	10	1500
7	Holyhead	26	29.98	-.2	N'W	6	r r	47	95	6	6	2	-	9	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	29.96	-.6	SSW	4	c	46	95	7	5	2	-	2-3	7-8	1500
	Catterick	175	*	*	*	*	o	*	*	*	*	*	*	*	*	*
	Tynemouth	100	29.96	-.20	SSE	2	r$_0$r$_0$	46	95	6	6	-	-	10	10	1500
11	Inchkeith	190	29.97	-.6	E	1	ir	44	95	7	6	-	-	10	10	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	c	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	29.94	+.22	SSW	4	c	47	95	6	8	6	-	4-6	7-8	1500
15	Dalwhinnie	1178	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	29.98	+.16	S	6	c	47	95	7	8	1	-	7-8	9+	1500
16	Lerwick	156	30.02	+.6	SSE	8	c/pr	46	95	7	8	2	-	7-8	9+	800
17	Blacksod Point	18	29.97	+.20	W	3	bc	47	95	8	3	-	-	4-6	4-6	800
18	Malin Head	52	29.96	+.18	SW	1	bc	44	95	8	4	-	-	4-6	4-6	1500
	Aldergrove	268	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	30.02	+.20	WNW	5	bc	48	95	7	8	-	-	4-6	4-6	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 29th 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)	29.98.6	+.20	SSW	3	c	47	85	7	5	-	-	9	9	1500	1	*
	Croydon	29.99.1	+.12	WSW	4	c/r	47	85	7	6	7	-	4-6	7-8	1500	1	*
	S. Farnborough	29.99.1	+.22	W	4	c/r	46	85	8	5	-	-	9+	9+	2500	1	*
	Boscombe Down	29.99.7	+.30	W	6	c	47	85	7	5	2	-	7-8	9+	1500	1	*
	Calshot (S'thmtn)	1000.7	+.40	SW	4	bc	46	85	8	5	7	-	2-3	4-6	4000	1	2
	Lympne	29.98.6	+.2	SW/S	3	df	48	95	3	6	-	-	10	10	<150	1	§4
	Manston	29.98.1	-.2	SSW	4	r$_0$r$_0$	48	95	7	6	-	-	10	10	800	1	*
2	Shoeburyness	29.98.4	0	SSW	2	r$_0$r$_0$	48	95	5	8	-	-	10	10	1500	1	*
	Felixstowe	29.98.7	+.2	S'W	4	cd$_0$	48	95	6	6	2	-	7-8	10	800	1	3
	Gorleston	29.98.4	-.4	S'E	4	c	49	85	6	5	-	-	10	10	2500	1	3
	Cranwell	29.97.5	+.6	SE	1	fg	43	95	6	5	7	-	7-8	9+	1500	1	*
3	Birmingham	29.97.5	+.10	WNW	2	c	45	95	6	5	-	-	9+	9+	1500	1	*
	Upper Heyford	29.97.1	+.10	SW	3	fg	45	95	6	5	-	-	10	10	1500	1	*
4	Ross-on-Wye	29.97.7	+.30	WSW	6	q	47	75	7	5	-	-	10	10	2500	1	*
5	Portland Bill	1002.7		WNW	5	c	50	85	8	4	4	-	4-6	9	2500	1	5
	Plymouth	1003.2	+.40	WNW	4	pr	50	85	8	8	-	-	9+	9+	1500	1	3
	The Lizard	1002.2	+.40	NNW	5	bc	49	85	8	8	6	-	4-6	4-6	2500	1	4
	Scilly (St. Mary's)	1003.4	+.38	NW	6	bc	49	85	8	2	-	-	4-6	4-6	2500	1	4
	Guernsey	1006.7	+.40	WNW	6	c	50	85	7	8	-	-	9+	9+	2500	2	4
6	Pembroke	1002.5	+.28	NW	7	q	49	85	7	5	7	-	7-8	9+	4000	1	4
7	Holyhead	1000.2	+.38	NNW	5	c	49	85	7	5	3	-	2-3	9	2500	1	3
	Chester (Sealand)	29.99.1	+.46	WNW	5	c/r	46	95	6	6	2	-	4-6	10	1500	1	*
8	L'pool (Bidston)	29.98.9	+.34	NNW	5	o/r	45	95	8	5	-	-	10	10	1500	1	*
	Manchester	29.99.2	+.18	NW/N	4	ir	47	95	6	6	2	-	7-8	10	2500	2	*
9	Harrogate	29.97.1	+.6	-	0	F	43	95	1	5	-	-	10	10	<150	1	*
10	Spurn Head	29.96.6	-.2	-	0	c	45	95	7	5	2	-	4-6	7-8	2500	1	1
	Catterick	29.96.7	+.12	N	1	rr	44	95	6	-	2	-	10	10	450	1	*
	Tynemouth	29.96.5	+.4	N	3	r$_0$r$_0$	46	95	6	6	-	-	10	10	1500	1	2
11	Inchkeith	29.98.2	+.10	SW	1	m	43	95	4	6	-	-	10	10	800	1	1
	Leuchars	29.98.1	+.4	SW	1	r$_0$r$_0$	42	95	5	5	-	-	10	10	800	1	*
12	Renfrew (Abbotsl)	29.99.1	+.14	W'S	1	c/pr	42	95	5	5	-	-	7-8	7-8	2500	1	*
	Eskdalemuir	29.98.5	+.16	N'E	1	c	41	85	7	5	-	-	9+	9+	1500	1	*
13A	Tiree	29.98.9	+.18	WSW	3	bc	46	85	8	8	3	-	2-3	2-3	2500	1	3
13B	Stornoway	29.97.0	+.12	SW	1	c	44	95	7	8	6	-	4-6	9	1500	1	1
15	Dalwhinnie	x	+.16	-	0	c	37	95	6	6	1	-	7-8	10	1500	1	*
	Aberdeen	29.97.6	+.2	W	1	fg	45	95	6	-	2	-	0	9+	4000	1	3
	Wick	29.97.1	0	WNW	2	c	47	95	7	8	2	-	7-8	10	1500	1	4
16	Lerwick	1001.0	-.10	SE	1	rr	44	95	6	6	-	-	10	10	450	1	*
17	Blacksod Point	1004.4	+.24	W	4	bc	47	85	8	3	-	-	4-6	4-6	1500	1	3
18	Malin Head	29.99.0	+.20	W	3	c	48	85	8	8	-	-	9+	9+	1500	1	1
	Aldergrove	1001.7	+.24	SW	1	bc	40	95	8	5	3	-	4-6	4-6	2500	1	*
	Donaghadee	1000.2	+.24	SW	1	c	49	95	7	9	-	-	7-8	7-8	1500	1	0
19	Birr Castle	1004.6	+.24	NW	1	c	44	95	8	8	-	-	7-8	7-8	2500	1	*
20	Valentia Obsy.†	1009.4	+.28	WNW	5	c/pr	48	85	8	8	-	-	7-8	7-8	1500	1	4
	Roches Point	1007.8	+.28	NW	3	b	45	85	8	5	-	-	Tr	Tr	2500	1	3

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 28th Hrs. (36)
1	London (Kew)	51	47	43	6	2	0.0
	Croydon	51	47	44	8	2	0.0
	S. Farnborough	51	45	41	6	2	0.0
	Boscombe Down	50	44	41	11	4	0.0
	Calshot (S'thmtn)	51	45	42	10	0.4	0.0
	Lympne	49	47	43	4	1	0.0
	Manston	51	46	43	5	1	0.0
2	Shoeburyness	50	45	43	4	0.3	0.0
	Felixstowe	49	46	44	5	3	0.0
	Gorleston	50	47	45	5	3	0.0
	Cranwell	47	43	39	7	2	0.0
3	Birmingham	47	44	42	5	4	0.0
	Upper Heyford	48	43	40	9	1	*
4	Ross-on-Wye	49	46	44	7	3	0.0
5	Portland Bill	53	47	*	9	3	*
	Plymouth	52	47	43	18	3	0.0
	The Lizard	53	47	*	17	5	*
	Scilly (St. Mary's)	52	45	*	13	1	0.0
	Guernsey	53	(45)	45	3	4	0.0
6	Pembroke	53	44	*	10	5	0.0
7	Holyhead	51	46	45	0.6	13	0.0
	Chester (Sealand)	48	46	40	3	17	0.0
8	L'pool (Bidston)	47	45	44	3	7.6	0.0
	Manchester	50	46	44	4	8	0.0
9	Harrogate	45	43	37	1	6	0.0
10	Spurn Head	47	44	*	3	3	0.0
	Catterick	46	43	42	0.4	2	0.0
	Tynemouth	48	46	43	0.1	5	*
11	Inchkeith	51	45	40	Tr.	2	0.5
	Leuchars	48	41	39	0.5	2	0.0
12	Renfrew (Abbotsl)	51	41	36	3	0.2	1.8
	Eskdalemuir	46	40	39	1	4	0.0
13A	Tiree	49	43	38	1	0.3	0.4
13B	Stornoway	49	42	*	6	3	0.0
15	Dalwhinnie	45	35	32	14	1	0.0
	Aberdeen	49	42	40	4	2	0.8
	Wick	48	46	*	4	-	*
16	Lerwick	47	43	*	0.5	3	0.0
17	Blacksod Point	50	44	*	0.3	1	*
18	Malin Head	49	41	*	1	0.4	0.2
	Aldergrove	50	39	36	Tr.	-	0.3
	Donaghadee	50	41	*	Tr.	2	*
19	Birr Castle	49	42	39	-	0.5	0.0
20	Valentia Obsy.†	51	46	40	0.3	2	1.2
	Roches Point	51	44	*	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.	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	crrir$_0$	crrm$_0$	crrc	51	47	43	6	2	0.0	*	*	7
Croydon	217	crrR$_0$	cmr$_0$	crr$_0$d$_1$	51	47	44	8	2	0.0	*	*	6
Greenwich (Royal Observatory)	149	rrc	cprr	rR$_0$c$_0$d$_0$	51	45	43	2	2	0.0	84	85	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park)	27	*	*	*	53	47	43	5		0.0	79	79	*
Regents Pk. (Botanic Gardens) ‡	168	*	*	*	52	46	44	3	3	0.0	79	85	*
Camden Square	110	crc	ccr	*	51	47	43	4	2	*	*	82	*
Kensington	80	orc0	cr	*	51	48	43	3	3	0.0	At 18h. 84	78	*
Hampstead Observatory	450	or	or	or	50	43	38	5	3	0.0			*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 29th

South Kensington. Max.	Time.	Min.	Time.
Not available			

Kew Observatory. Max.	Time.	Min.	Time.
0.2	19h 15m	<0.1	5h 29m

FOREIGN OBSERVATIONS.

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

7h. G.M.T. 29th December

Stations	18h. Barom. mb.	18h. Wind. Direc.	18h. Wind. Force.	18h. Weather.	18h. Temp. °F.	7h. Barom. mb.	7h. Wind. Direc.	7h. Wind. Force.	7h. Weather.	7h. Temp. °F.
Paris	1006.6	SSE	1	c	50	1006.9	SW	7	c	50
Brussels	1006.8	SSE	4	c	50	1004.2	S	6	c	48
Berlin	1010.3	SE'S	3	fg	34	1017.2	SE'S	4	fg	32
Ecrin	1018.3	NNW	1	m	36	1018.0	S	1	c	37
Rome	1011.5	NW	3	bc	48	1010.1	ENE	2	c	41

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
52	48	-	Tr
52	48	0.3	-
36	32	-	-
41	34	-	-
×	×	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† The observations are from Valentia W/T station. ‡ Maximum and Minimum temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 30th December 1934.

No. 16701

District	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 29th December: Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	°F. Temp. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)	OBSERVATIONS at 18h. G.M.T. 29th December: Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)	PAST 24 HOURS. Weather. 7h.–13h. 29th (37)	13h.–18h. 29th (38)	18h. 29th to 1h. 30th (39)	1h.–7h. 30th (40)
1	London (Kew) ...	10076	+50	WN	4	c	50	75	6	5	3	-	4-6	5+	2500	10153	+46	WSW	3	c	48	75	6	5	-	-	7-8	7-8	5700	1	*	c id.c	c jp bc	bc 3o b	bbc
	Croydon ...	10077	+50	W's	4	c	49	75	6	5	-	-	5+	5+	800	10160	+40	WSW	4	3o	48	85	6	-	3	-	0	4-6	-	1	*	coid ifc	c bc m.	bc bw.	bbcw
	S. Farnborough	10085	+46	WN	4	c	51	75	8	1	3	2	4-6	7-8	2500	10158	+42	W	2	bc	47	85	7	7	-	-	4-6	4-6	4000	1	*	c q s v bc	bc	bc b	bxc
	Boscombe Down	10094	+42	WN	5	c	48	85	8	7	7	-	5	5	2500	10164	+36	WN	4	bc	45	85	8	5	-	-	2-3	2-3	2500	0		c p c c	c b	b	bor.c
	Calshot, S'thmtn	10097	+40	W	5	bc	52	75	8	8	3	2	2-3	4-6	1500	10171	+40	W's	4	bc	47	85	8	8	4	-	1	2-3	4000	1	2	b p. bc	bcb	b bc	bc c r.
	Lympne ...	10068	+38	W	5	ir.	47	85	8	5	-	-	10	10	1500	10145	+42	W	4	c/r	47	75	7	5	-	-	7-8	7-8	1500	1	§ 3	o d d f c r q	e q r bc c	c b w	b b c w
	Manston ...	10051	+32	SW	6	ir.	47	85	7	6	2	-	4-6	10	800	10133	+44	WSW	5	c	48	85	7	5	-	-	7-8	7-8	2500	1	*	o c b c i r q	c i c e	c b c b	b b c
2	Shoeburyness	10049	+36	W	5	ir	47	85	5	6	2	-	4-6	10	800	10136	+56	WNW	4	b	49	75	7	-	-	-	0	0	-	1	*	cr. iR	cr. o b	b	b w b c
	Felixstowe ...	10037	+30	W's	3	3o	47	85	6	5	-	-	10	10	1500	1012.1	+40	WNW	5	b c/r	48	75	7	5	-	-	4-6	4-6	1500	1	3	c i d. c m. c	o d d f c 3o	b c b	b, c 3o
	Gorleston ...	10016	+16	SWW	3	o	49	95	6	6	-	-	10	10	2500	10096	+30	WN	4	o/r	47	85	6	6	-	-	10	10	1500	1	2.	o i r.	o c r.	c b c	b c
	Cranwell ...	10037	+40	WNW	4	ir	45	96	6	6	2	-	5+	10	800	10116	+52	W's	4	3o	45	85	6	5	-	-	9	9	4000	1		c m. m r	c m. b c	c b r m. w	b w b c
3	Birmingham ...	10068	+38	WNW	4	bc/pr	47	75	6	6	3	-	2-3	4-6	1500	10139	+40	W	4	b	45	85	6	6	-	-	1	1	1500	1	*	cr. bc	bc p r.	b	b, c
	Upper Heyford	10072	+46	W	5	q	49	75	8	8	7	4	7-8	7-8	1500	10151	+46	W's	4	c/pr	46	85	8	5	7	-	4-6	7-8	1500	1	*	c bcc	cr. bc	bc	bem. c
4	Ross-on-Wye ...	10091	+40	WNW	5	q	50	65	8	5	-	-	4-6	4-6	2500	10154	+34	SW	2	b	45	75	8	5	-	-	1	1	2500	1	*	cq	cq bcb	bc	bcc
5	Portland Bill...	10123	?	NW	5	bc	51	75	7	4	-	-	4-6	4-6	2500	10184	?	WNW	4	bc	49	85	8	4	-	-	4-6	4-6	2500	1	4	cbc	bc	bcb	bcrrc
	Plymouth ...	10138	+34	WN	5	c	51	65	7	8	3	-	7-8	7-8	2600	10191	+30	SWW	3	bc	48	85	8	8	3	4	4-6	4-6	2500	1	2	cpr bcc	cbc	bc	bcc i r.
	The Lizard ...	10153	+28	WNW	5	bc	50	85	8	8	-	-	4-6	4-6	2500	10202	+24	W's	5	bc	49	85	8	8	6	-	4-6	4-6	2500	1	3	bc	bc	bc	bcpr.
	Scilly (St. Mary's)	10161	+22	WNW	6	bc	52	85	8	8	-	3	2-3	2-3	2500	10200	+20	W	4	bc	48	85	8	-	-	3	0	2-3	-	1	3	bc	bc	bbccr	cir.
	Guernsey ...	10145	+34	NW	6	bc	51	65	7	8	-	-	4-6	4-6	2500	10209	+32	NW	4	bc	49	75	8	8	-	-	4-6	4-6	2500	1	4	c p. bc	bc	bc bw	bbccc o
6	Pembroke ...	10103	+30	NW	5	q	49	85	7	8	7	-	4-6	9	4000	10153	+20	WN	6	q	49	85	8	8	4	-	2-3	4-6	4000	1	3	bcq r.c	bcq	bcq	cqir.R
7	Holyhead ...	10085	+38	WN	5	c	49	85	8	5	-	-	7-8	7-8	4000	10136	+30	W	4	c	49	85	8	5	-	4	4-6	7-8	2500	1	3.	cbc	cbc	bc Rd	crrm.
	Chester (Sealand)	10077	+40	WN	4	bc	49	85	7	8	3	-	4-6	4-6	1500	10138	+32	W's	3	bc	47	65	8	5	-	-	4-6	4-6	4000	1	*	p r. bc	cbc	bbc	cir.
8	L'pool (Bidston)	10071	+30	NWN	5	q	48	85	8	-	3	-	0	4-6	-	1013.0	+24	NW	5	q	46	85	8	7	-	-	4-6	4-6	4000	1	*	orpcb	ir bcq	b	bcoir
	Manchester	10054	+34	NW	4	3o	49	85	6	8	-	-	9	9	1500	1012.1	+38	WNW	5	bc	47	85	7	5	7	-	4-6	4-6	1500	1	*	r b c m.	c p r. bc	bcpR	bccm.
9	Harrogate ...	10041	+30	WNW	1	c	44	95	7	6	7	-	4-6	5+	2600	10105	+40	WSW	3	b	44	85	7	-	4	-	0	Tr.	-	1	*	forrc	cb	b	cr.
10	Spurn Head ...	10013	+12	NW	4	r f	46	95	2	5	-	5	10	10	4150	10085	+20	NW	4	bc	45	95	7	5	1	-	2-3	4-6	1500	1	3	crrf	f m r c	bc	bc
	Catterick ...	10038	+32	NWW	3	c	47	85	8	5	7	4	4-6	7-8	2600	10094	+22	WNW	2	bc	45	85	8	8	-	5	2-3	4-6	4000	1	*	orrm.c	c bc	bcb	bbcc R c
	Tynemouth ...	10027	+18	W	3	c	45	85	6	4	-	-	7-8	7-8	4000	10073	+40	W	3	bc	45	85	7	4	-	-	4-6	4-6	4000	1	2	o r a f c	c bc	bcb	bbc
11	Inchkeith ...	10024	+20	WSW	2	m	45	95	4	5	4	-	4-6	4-6	1500	10076	+20	SW	4	bc	46	85	7	5	-	-	4-6	4-6	1500	1	3	3 f f f 3	3 3o bc	bc	bcc
	Leuchars ...	10019	+18	W	1	b	47	75	7	-	4	-	o	Tr.	-	10065	+22	SW	2	b	43	95	7	5	-	-	1	1	4000	1	*	cr. r. bc	bbc bW	bw	bwc
12	Renfrew (Abbotsl.)	10034	+18	SWW	4	c j p	48	85	8	8	-	-	7-8	7-8	1500	10075	+26	SWW	4	c	46	85	7	8	-	-	5	5	2500	1	*	bc/prc	c j bc	c c m.	cm. c r
	Eskdalemuir ...	10038	+22	WN	3	c	45	75	8	8	3	-	7-8	7-8	1500	10085	+28	W's	3	c	44	85	8	8	-	-	9+	9+	1500	1	*	cbc	c p r c	c b c c	c. r. r.
13A	Tiree	10025	+4	WSW	4	bc	49	85	8	8	7	-	4-6	4-6	2500	10060	+24	WSW	5	pr	47	95	7	5	-	-	9	9	1500	1	4	bc	c p r	pr c bc	c o R
13B	Stornoway ...	9998	+8	WSW	2	c	46	95	8	8	7	3	4-6	7-8	1500	10025	+18	WNW	2	bc	40	95	8	8	7	3	2-3	4-6	1500	1	!	c	cbc Rd	bc p r. Rd	cq
15	Dalwhinnie ...	10027	+8	SSW	1	c	43	85	8	5	7	-	4-6	7-8	1500	10042	+22	WSW	3	ir	42	85	6	4	2	-	4-6	7-8	1500	1	*	bc	ir c	*	r r c
	Aberdeen ...	10010	+16	W	2	3o	47	75	6	-	3	5	o	2-3	-	10052	+26	SW	2	bc	43	85	7	5	-	-	2-3	2-3	5700	1	3	cr. r. bc	bz bc Rd	bcb	bbc
	Wick	9992	+6	WNW	2	c	44	95	8	8	7	1	4-6	7-8	1500	10020	+16	W	2	c	41	95	8	5	7	-	4-6	7-8	2500	1	3.	cm. c	c	bcc Rd	c
16	Lerwick ...	9995	-8	SEE	6	r. c	43	95	6	6	-	-	10	10	800	9993	+2	SW's	3	c	46	95	7	5	1	-	7-8	7-8	1500	1	*	o r a. m.	o f a. m. c	c b c	b c b
17	Blacksod Point	10036	+22	W	4	c	47	85	8	9	-	-	7-8	7-8	1500	10105	+8	S	4	bc	48	75	8	4	-	-	4-6	4-6	2500	1	3	p r c q	p r.	p r c	i R c q
18	Malin Head ...	10053	+22	W's	4	c/pr	47	85	8	8	-	-	9+	9+	1500	10084	+20	W's	4	bc/pr	46	95	8	4	-	-	2-3	2-3	1500	1	!	c p r.	c p r.	bc	c p r
	Aldergrove ...	10077	+24	SWW	3	c	46	85	8	5	4	-	9	9	1500	10112	+24	SW	3	b j p	43	95	8	8	-	3	1	1	2500	1	*	c bc	c p c bc	b p r. c	c r. r. r r
	Donaghadee ...	10063	+14	WSW	1	bc	48	85	8	8	3	-	4-6	4-6	1500	1011.1	?	WNW	2	bc	43	95	7	5	-	-	4-6	4-6	1500	0	1	cbc	bc	bcc	r o f c o
19	Birr Castle ...	1011.3	+20	SW	1	c	48	85	8	8	-	-	7-8	7-8	2500	10133	+14	SW	1	bc	42	85	8	6	-	-	2-3	2-3	2500	1	*	c	c p r bc	bccir	cir
20	Valentia Obsy.	10143	+8 14	W's	3	c	49	75	9	2	3	6	Tr.	7-8	2600	10141	0	S'W	3	c/pr	47	85	8	2	3	6	2-3	9	2500	1	4	cbcc	bc p. c	corr	2R r r p r o
	Roches Point...	10141	+26	W	2	bc	49	75	9	3	-	9	2-3	4-6	1500	10161	+14	W	2	bc	47	85	8	5	4	-	2-3	4-6	1500	1	3	b bc V	bc V bc	bc o ir	r r i r.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). 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/s_o, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s_o/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus.
R, heavy rain. r_o, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ⊖ lunar halo. ⁂ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ of the sky.
"9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

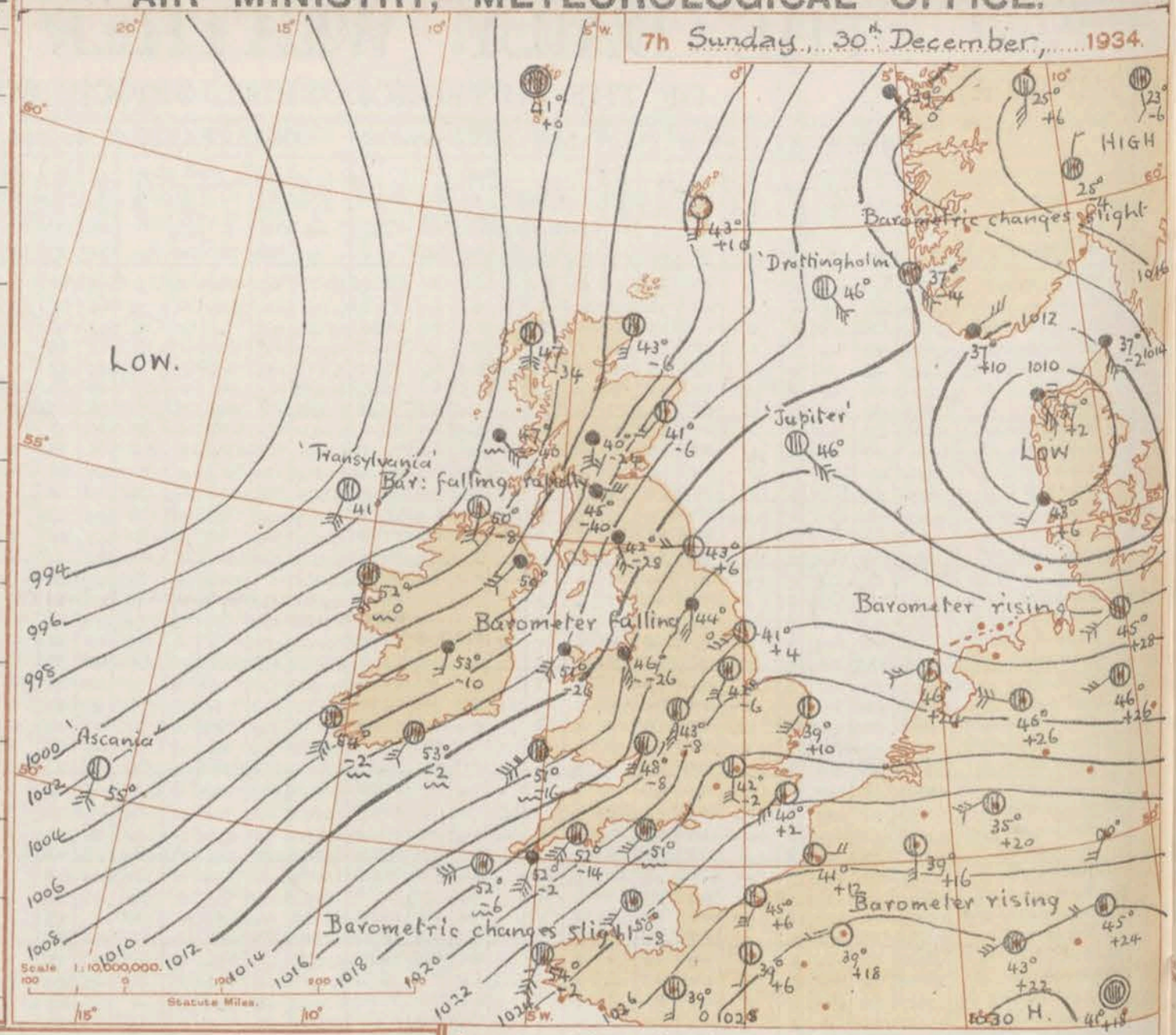
REPORTS from HEALTH RESORTS for Saturday 29th December 1934

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.	odoc	bc	44	49	3	Trace	0.9
	Bournemouth	b	b	45	52	1	-	5.8
	Ventnor ...	rcu	cpc	45	50	2	-	5.0
	Southsea ...	bcb	b	47	52	2	-	4.1
	Bognor Regis	bcbc	bcb	47	52	4	-	4.4
	Littlehampton	bc	bc	47	53	2	-	4.2
	Worthing ...	bcbc	bcbc	47	52	3	-	4.0
	Brighton ...	cb	bc	47	52	5	-	3.2
	Eastbourne†	co	ocbc	47	52	2	-	1.9
	Hastings† ...	co	ocbc	45	51	3	-	1.0
	Folkestone ...	bcco	bc	46	51	4	-	0.0
	Dover... ...	co	opbo	47	51	2	Trace	0.6
	Deal	oco	odo	43	50	3	Trace	0.1
	Ramsgate ...	bcc	cro	47	50	2	0.3	0.4
	Margate ...	c	cdo	47	50	1	0.2	0.0
2	Southend ...	oro	orbc	46	49	0.4	0.4	0.0
	Maldon ...	o	oro	45	50	2	1	0.0
	Clacton-on-Sea	cbcgr	ogrc	46	49	0.3	0.1	0.1
	Dovercourt ...	borc	roc	45	49	0.1	4	0.3
	Lowestoft ...	oprc	coir	47	49	2	2	0.0
	Skegness ...	or	oc	44	48	5	0.6	0.0
	Mablethorpe	or	o	43	46	6	1	0.0
	Cleethorpes...	omr	oc	44	47	4	3	0.0
3	Leamington S.	oc	c	45	50	5	-	1.8
4	Cheltenham†	cbcc	c	45	50	3	-	1.4
5	Bath	cp,bc	cbcb	46	51	4	2	2.8
	Weymouth ...	c	bbc	45	53	3	-	2.1
	Jersey ...	rcbc	cbc	47	53	2	-	3.0
	Torquay ...	crpbc	bcb	46	52	5	-	4.3
	Penzance ...	bcpc,b	b	46	53	2	Trace	3.8
	St. Ives ...	b	c	47	51	1	-	4.1
	Bude	pbc	bc	46	50	4	-	2.3
	Ilfracombe ...	opc	cpc	47	51	3	1	0.3
6	Aberystwyth	PRc	c	45	49	10	-	0.0
7	Llandudno ...	c	cbc	46	49	7	-	0.0
	Colwyn Bay...	obcoc	bcbc	45	49	10	-	0.0
	Rhyl	prcbc	c	46	49	7	-	1.3
8	Wallasey ...	c	bcpc	44	49	6	1	0.8
	Southport‖ ...	oc	bc	44	48	7	-	0.4
	Blackpool ...	cbc	bc	44	48	6	0.2	1.2
	Morecambe ...	cdbcc	cbcc	44	47	7	-	0.3
9	Ilkley... ...	o	ocbcp	42	48	8	0.5	1.0
10	Berwick-on-T.	oc	c	43	47	4	-	1.3
11	Dunbar ...	rbcm	cfm	42	46	3	0.3	0.0
12	Troon... ...	crcbc	cpcbv	43	49	0.3	1	0.3
	Douglas ...	cbbc	cbbc	44	48	5	-	4.2

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Sunday, 30th December, 1934.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◎ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ○Clear sky. ◔Sky less than 1/10 clouded. ◑Sky 1/10 to 3/10 clouded. ◕Sky 1/10 to 7/10 clouded. ●Overcast sky. ●Rain falling. ✳Snow. ✳Sleet ▲Hail ≡Fog. ≡Mist. TThunder. ⚡Thunderstorm. coSlight 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. 30th December, 1934
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate or fresh south to southwest wind occasional rain today, fair tonight and tomorrow; mild.
5. S.W. England 6. South Wales 7. North Wales	Strong south to southwest winds reaching gale force on coast, cloudy but bright intervals, occasional showers today becoming dull with further rain tomorrow; mild.
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 Scotland B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16 Orkneys and Shetlands.	Fresh or strong south to southwest winds reaching gale force on West coast, dull with occasional rain today, cloudy tomorrow with bright intervals and some showers; mild.
17. N.W. Ireland 18. N.E. Ireland	Strong south to southwest winds reaching gale force on coast, cloudy but some bright intervals, occasional showers; mild.
19. S.E. Ireland 20. S.W. Ireland	Strong south to southwest winds reaching gale force on coast, cloudy with bright intervals today, becoming dull and wet again tomorrow; mild.

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

GENERAL INFERENCE.

A deep depression to the northwest of Ireland is moving slowly northeast and a belt of rain associated with it is crossing Great Britain. There will be some rain everywhere today, but fair weather will spread from the Southwest later.

FURTHER OUTLOOK.

Dull and wet weather spreading from the Southwest.

Times of issue of Gale Warnings.

- South cone at 1430 on 28th in dists 5(part of) 6, 19 (part of).
- South cone at 1535 on 29th in dists 5(part of) 7,8, 12,13A,13B,17,18,19(part of) 20.
- South cone at 0840 on 30th in dist 16.

Forecasts issued at 1130 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

Morning of
Sunday
30th December.
1934.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ - Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 30th December 1934.

No. 26701

OBSERVATIONS at 1 hr. G.M.T. 30th December

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	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croyden ...	217	1020·9	+14	SWW	4	b	43	95	7	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1021·6	+18	W	3	b	39	95	8	-	-	-	0	0	-
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1017·4	+24	WSW	3	bc	42	95	6	5	-	-	2·3	2·3	2500
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1022·0	?	W	4	b	49	85	8	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1020·1	-8	SSW	5	bc	50	95	8	4	-	-	2-3	2-3	2500
	Scilly (St. Mary's)	163	1019·7	-10	SW'S	5	V	51	95	7	9	-	-	10	10	1500
	Guernsey ...	175	1024·0	+8	WSW	1	b	47	85	8	-	-	-	0	0	-
6	Pembroke ...	142	1016·3	-6	SW	5	bcq	50	95	7	5	-	-	4·6	4·6	2500
7	Holyhead ...	26	1015·5	-4	SW'S	4	bc	49	85	7	5	-	-	4·6	4·6	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1015·5	+16	W'N	3	bc	43	95	7	-	5	-	0	2·3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1012·3	+14	W	3	b	44	85	7	-	-	-	0	0	-
11	Inchkeith ...	190	1012·0	+16	SW	4	bc	44	85	8	5	7	-	4·6	4·6	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1005·8	+4	SSW	3	c	45	85	8	8	6	-	7·8	9+	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1006·6	+16	SW	2	c	41	95	8	8	1	-	4·6	7·8	1500
16	Lerwick ...	156	1004·9	+20	SW	3	bc	46	95	7	5	-	-	4·6	4·6	1500
17	Blacksod Point	18	1002·0	-52	S	7	cq	47	85	7	9	-	-	10	10	800
18	Malin Head ...	52	1003·4	-10	S	3	c	44	95	8	5	-	-	9+	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1007·0	-26	S'W	6	RR	50	95	6	6	-	-	10	10	800
	Roches Point...	28	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 30th December

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1021·1	-4	S'W	2	c	42	95	7	5	8	-	4·6	7·8	2500	1	*
1022·1	-2	S	4	bc	42	95	7	-	7	-	0	4·6	-	1	*
1021·6	-6	S	2	c	44	95	7	-	2	-	0	9+	-	1	*
1020·9	-8	S'E	4	c/c.	45	95	7	6	-	-	10	10	800	1	*
1022·1	-10	S	5	ic	50	85	7	5	1	-	7·8	10	1500	1	3
1023·6	+2	WSW	3	bc	40	95	7	5	4	-	2·3	2·3	4000	1	§1
1023·0	+4	W	3	bc	37	95	7	5	-	2	2·3	4·6	5700	1	*
1022·3	+2	W	3	c	43	95	8	-	7	8	0	7·8	-	1	*
1021·6	+6	SW'W	3	3c	41	95	6	-	5	6	0	9	-	1	1
1020·7	+10	SW'S	3	bc	39	85	7	-	4	-	0	4·6	-	1	2
1018·2	-6	SSW	4	c	42	85	7	-	7	6	0	9	-	1	*
1017·7	-8	S	5	c	43	95	8	6	2	-	2·3	10	800	1	*
1020·0	-8	S	2	3c	44	95	6	5	-	-	9+	9+	800	1	*
1017·5	-8	SSW	3	c	48	85	7	5	-	-	10	10	2500	1	*
1021·2	*	SW	4	c/c.	51	95	7	5	-	-	10	10	1500	1	4
1019·4	-14	SW'S	6	c/c.	52	95	7	5	-	-	9+	9+	800	1	3
1019·3	-2	SSW	6	pc	52	95	7	5	-	-	10	10	2500	1	3
1017·2	-6	SW	6	c/c.	52	95	6	8	-	-	10	10	1500	1	4
1023·3	-8	SW	4	o/c.	50	95	7	5	-	-	10	10	2500	1	3
1013·4	-16	SW	8	q	51	95	6	6	-	-	10	10	2500	1	4
1010·2	-26	S'W	5	rr	51	95	6	6	2	-	7·8	10	1500	1	3
1014·4	-26	SSE	4	ic	46	85	8	5	-	-	9+	9+	2500	1	*
1013·5	-16	S	4	ir	45	95	8	5	-	-	10	10	1500	1	*
1015·5	-14	S'W	4	ic	43	95	6	6	2	-	2·3	10	2500	1	*
1015·9	0	S	3	ic	44	85	7	6	7	-	1	9+	2500	1	*
1017·5	+4	SW	3	bc	41	95	7	5	1	-	2·3	4·6	2500	0	2
1014·3	-6	SSE	2	c	43	95	7	5	7	-	7·8	9	4000	1	*
1014·1	+6	W	2	bc	43	85	7	5	-	-	4·6	4·6	1500	1	2
1010·2	-20	SW	3	c	45	85	9	5	1	-	4·6	9+	1500	0	1
1009·9	-10	SE	1	c	41	85	7	5	2	-	9	10	1500	1	*
1006·3	-40	E'S	3	rr	45	95	6	6	-	-	10	10	1500	1	*
1010·3	-28	S'E	4	rr	42	95	6	6	2	-	9	10	800	1	*
1000·7	-40	SE	6	RR	47	95	6	6	-	-	10	10	800	1	4
1001·8	-34	S	6	c	47	75	7	5	6	-	7·8	10	1500	1	3
1004·0	-24	S	5	RR	40	95	7	3	2	-	7·8	10	1500	1	*
1009·6	-6	SW'S	2	bc	41	85	7	-	7	-	0	4·6	-	1	2
1005·9	-6	SSW	3	c	43	95	8	5	1	-	4·6	7·8	2500	1	3
1006·6	+10	S'W	2	b	43	95	8	5	-	-	Tr	Tr	2500	0	*
1001·1	0	S	5	q	52	95	7	9	-	-	10	10	800	1	4
1000·5	-8	S	4	u	50	95	8	9	-	-	9+	9+	800	1	1
1004·4	-36	S	5	ic	50	95	7	6	2	-	9+	10	800	1	*
1005·8	*	SW	4	c/c.	50	95	7	6	-	-	10	10	800	1	2
1006·0	-10	SSW	2	ir	53	95	7	6	1	-	7·8	10	2500	1	*
1007·0	+2	SSW	6	c	54	95	8	6	2	-	9+	10	1500	1	5
1010·8	-2	SW	4	ic	53	95	6	6	-	-	10	10	800	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 29th Hrs. (36)
1	London (Kew)...	51	41	36	0·1	-	1·3
	Croyden ...	51	41	37	0·2	Tr	0·4
	S. Farnborough	51	38	29	0·3	Tr	2·0
	Boscombe Down	50	38	33	Tr.	Tr	3·9
	Calshot, (S'thmtn)	52	42	38	Tr.	Tr	5·1
	Lympne ...	49	38	31	0·5	Tr	0·2
	Manston ...	50	36	33	1	-	0·4
2	Shoeburyness	50	39	36	1	-	0·1
	Felixstowe ...	49	40	36	1	-	0·2
	Gorleston ...	50	36	35	2	-	0·0
	Cranwell ...	47	39	37	1	Tr	0·0
3	Birmingham ...	49	40	38	0·2	-	1·7
	Upper Heyford	50	37	27	0·3	-	*
4	Ross-on-Wye ...	50	45	32	-	-	1·5
5	Portland Bill...	52	49	*	-	2	*
	Plymouth ...	52	47	38	Tr.	0·2	5·0
	The Lizard ...	51	48	*	-	0·1	*
	Scilly (St. Mary's)	52	48	*	-	0·4	6·6
	Guernsey ...	52	47	38	Tr	0·1	4·8
6	Pembroke ...	51	48	*	0·1	3	2·0
7	Holyhead ...	50	46	42	-	5	1·6
	Chester (Sealand)	49	41	31	0·2	Tr	0·3
8	L'pool (Bidston)	48	42	39	0·3	0·4	0·6
	Manchester	49	38	31	0·6	1	0·7
9	Harrogate ...	46	41	35	2	Tr	1·1
10	Spurn Head ...	46	40	*	5	-	0·0
	Catterick ...	48	42	34	1	1	1·4
	Tynemouth ...	46	42	34	0·6	-	*
11	Inchkeith ...	46	42	39	0·1	-	1·8
	Leuchars ...	48	39	33	0·5	Tr	4·6
12	Renfrew (Abbotsl)	50	40	34	Tr.	1	1·9
	Eskdalemuir ...	47	38	36	Tr.	1	2·0
13A	Tiree	49	43	38	2	S	2·2
13B	Stornoway ...	47	39	*	-	Tr	1·3
15	Dalwhinnie ...	43	32	31	Tr.	3	0·4
	Aberdeen ...	47	35	29	0·2	-	4·4
	Wick	48	39	*	-	-	*
16	Lerwick ...	46	42	*	2	-	0·0
17	Blacksod Point	49	46	*	1	12	*
18	Malin Head ...	49	40	*	2	2	0·6
	Aldergrove ...	49	39	36	0·1	6	2·3
	Donaghadee ...	50	39	*	-	5	*
19	Birr Castle ...	49	40	33	0·6	6·0	3·2
20	Valentia Obsy.†	51	47	45	Tr.	20	3·0
	Roches Point...	50	46	*	-	11	*

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
6h—11h, 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	cid,c	c,pbc	bc,bbcw	51	41	36	0·1	-	1·3	*	*	7
Croydon	217	coid,ir,c	cbcm,	bcbm,bcw	51	41	37	0·2	Tr	0·4	*	*	6
Greenwich (Royal Observatory) ...	149	cd,rc,m	cm	cm,o m,c	51	40	36	1	-	0·0	76	90	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	52	42	35	1	1	0·0	67	85	*
Regents Pk. (Botanic Gardens)†...	168	*	*	*	51	41	39	1	-	0·0	79	85	*
Camden Square	110	cd,c	c,pbcb	*	50	41	38	1	-	*	*	86	*
Kensington	80	co	bc,orbc	*	52	40	30	1	-	0·3	At 18h. 86		*
Hampstead Observatory	459	or	bc	om	49	39	31	0·1	1	0·3	89	95	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 30th

South Kensington. Max.	Time.	Min.	Time.
NOT AVAILABLE			

Kew Observatory. Max.	Time.	Min.	Time.
0·5	15h. 28th.	401	24-7h. 30th

FOREIGN OBSERVATIONS.

18h. G.M.T. 29th December — 7h. G.M.T. 30th December

Stations	18h. Barom. mb.	18h. Wind. Direc.	18h. Wind. Force.	18h. Weather.	18h. Temp. °F.	7h. Barom. mb.	7h. Wind. Direc.	7h. Wind. Force.	7h. Weather.	7h. Temp. °F.
Paris	1018·6	W	?	bc	50	1018·1	WSW	1	b	39
Brussels	1013·2	WSW	S	o	48					
Berlin	1017·0	SE'E	4	o	32	1018·6	SSW	2	do.	37
Zurich	1022·4	NW	1	o	45	1019·8	NNW	1	o	41
Rome	1016·9	SE	4	c	54	1016·3	NNE	2	c	45

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
52	39	-	-
50	32	1	Tr
34	39	-	0·1
52	*	-	-

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.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† Our observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 31st December 1934.

No. 26.702

OBSERVATIONS at 13h. G.M.T. 30th 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)	°F. Temp. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	1019·5	-1·6	SW'S	4	c	52	85	6	5	-	-	10	10	1500
	Croydon	1020·3	-1·8	S	4	cd₀	51	95	6	6	-	-	9+	9+	450
	S. Farnborough	1019·4	-1·8	SW	6	cd₀	52	95	6	5	-	-	10	10	800
	Boscombe Down	1018·9	-1·4	SSW	6	$d_0 d_0$	51	95	6	6	-	-	10	10	2200
	Calshot, S'thmtn	1020·7	-1·0	S'W	6	$d_0 d_0$	52	95	6	5	-	-	10	10	450
	Lympne	1022·5	-1·8	SW	5	dd	49	95	4	6	-	-	10	10	1150
	Manston	1021·2	-1·8	SW	5	cr₀	49	95	7	6	2	-	7·8	10	1500
2	Shoeburyness	1020·1	-1·6	SW	4	o/d	50	95	7	5	-	-	10	10	1500
	Felixstowe	1019·9	-2·2	SW'S	5	c/r	48	95	6	6	2	-	7·8	10	2500
	Gorleston	1017·9	-1·0	SSW	5	rr	47	95	6	6	-	-	10	10	800
	Cranwell	1014·9	-2·4	SSW	5	c	51	85	7	6	-	-	9+	9+	800
3	Birmingham	1015·1	-1·0	SSW	4	cr₀	50	95	6	6	-	-	10	10	800
	Upper Heyford	1017·5	-1·4	SW	5	cr₀	51	95	6	6	7	-	9+	10	800
4	Ross-on-Wye	1015·4	-1·4	SW'W	4	$d_0 d_0$	52	95	6	6	-	-	10	10	2500
5	Portland Bill	1020·7	+	SW	6	cd	51	95	7	5	-	-	10	10	1500
	Plymouth	1018·6	-1·0	SW	6	cr₀	53	95	7	5	2	-	9	10	450
	The Lizard	1019·0	+2	SW'S	6	dr	53	95	5	5	-	-	10	10	800
	Scilly (St. Mary's)	1018·1	0	WSW	5	cd	53	95	4	5	-	-	10	10	800
	Guernsey	1023·4	-2	SW	5	0	54	95	7	5	-	-	10	10	2500
6	Pembroke	1013·4	+4	SW'W	7	q	52	95	6	5	-	-	10	10	2500
7	Holyhead	1010·4	0	SW'S	5	c	53	95	6	5	-	2	7·8	9	450
	Chester (Sealand)	1013·1	·2	S	2	c	54	85	8	5	7	-	7·8	9	1500
8	L'pool (Bidston)	1011·9	0	W	4	bc	54	85	8	5	-	1	4·6	4·6	2500
	Manchester	1012·4	-1·0	SW'W	5	c/r	52	85	6	5	-	-	10	10	1500
9	Harrogate	1011·4	-1·4	SSW	3	o/r	49	95	5	6	2	-	9+	10	2500
10	Spurn Head	1013·7	-1·0	SW	5	c	47	95	7	5	7	1	4·6	7·8	800
	Catterick	1010·1	-1·8	SE'S	4	cr₀	50	95	6	6	-	-	10	10	1500
	Tynemouth	1008·9	-2·0	S	3	o/r	47	85	6	6	-	-	10	10	1500
11	Inchkeith	1008·9	-1·4	SSW	4	c/pr	51	95	8	8	-	-	9+	9+	1500
	Leuchars	1003·2	-2·6	SSW	4	c/p	51	85	8	5	-	-	9+	9+	800
12	Renfrew (Abbotsl.)	1003·5	-1·0	S'W	5	cr	52	95	6	3	-	-	10	10	800
	Eskdalemuir	1006·2	-1·0	SW'S	5	cd	49	95	4	5	-	-	10	10	2150
13A	Tiree	999·5	0	S	5	cD	50	95	6	6	7	-	7·8	9	1500
13B	Stornoway	996·1	-2·2	SW	6	c/r	50	95	6	8	2	-	7·8	10	1500
15	Dalwhinnie	1001·6	-·6	SW	2	RR	45	95	6	6	-	-	10	10	800
	Aberdeen	1004·1	-3·0	S	5	cr₀	46	95	5	6	7	-	9	9+	800
	Wick	1000·6	-3·2	SSE	6	o/r	45	95	7	6	2	-	7·8	10	1500
16	Lerwick	1003·9	-1·6	S'E	4	c	46	95	8	8	7	-	7·8	9+	800
17	Blacksod Point	1001·9	+·8	SSW	7	q	53	75	8	9	-	-	7·8	7·8	800
18	Malin Head	1000·9	-2	SW'S	4	c	52	85	8	8	8	3	7·8	7·8	1500
	Aldergrove	1004·9	-2	SSW	5	pr	52	85	8	6	3	-	9+	9+	800
	Donaghadee	1005·4	x	SW	3	c	55	85	8	8	3	2	4·6	7·8	2500
19	Birr Castle	1008·5	+4	SW	3	c	55	75	7	5	-	8	2·3	7·8	2500
20	Valentia Obsy.	1008·5	+2	SSW	6	c/p	54	85	7	6	-	1	9	9+	1500
	Roches Point	1011·7	+2	SW	4	c	53	95	7	8	-	4	4·6	7·8	1500

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

Barom. at M.S.L. ·mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1018·8	0	SW'S	3	cr₀	53	95	6	5	-	-	9+	9+	1500	1	*
1019·6	-2	SSW	4	$d_0 d_0$	52	95	6	6	-	-	10	10	800	1	*
1019·2	+2	SW	4	dd	52	95	6	6	-	-	10	10	800	1	*
1018·9	+6	SW'S	3	cd₀	52	95	6	6	-	-	10	10	450	1	*
1020·1	0	SSW	5	$d_0 d_0$	53	95	5	-	2	-	10	10	450	1	3
1021·2	-6	SW	5	df	50	95	2	6	-	-	10	10	1150	1	§4
1020·2	-4	SSW	5	cr₀	51	95	7	6	-	-	10	10	800	1	*
1019·5	-6	SW	4	cd₀	52	95	7	6	-	-	7·8	7·8	1510	1	*
1018·8	-2	SW	4	3₀	50	95	6	5	2	-	7·8	10	2500	1	3
1017·3	0	SW'S	4	0	51	95	6	6	-	-	10	10	1500	1	3
1014·6	+4	SW'S	4	c	52	95	7	8	7	-	4·6	7·8	2500	1	*
1015·2	+4	SSW	2	c	52	85	6	6	-	-	10	10	800	1	*
1017·5	+6	SW	3	c/pr	51	95	7	5	-	-	9+	9+	800	1	*
1015·4	0	SW	4	q	53	85	7	5	-	2	4·6	7·8	2500	1	*
1019·5	*	WSW	6	cd	53	95	6	5	-	-	10	10	1500	1	5
1018·1	-4	SW	6	cd₀	53	95	6	5	-	-	10	10	450	1	4
1018·4	0	SSW	6	cd₀	52	95	6	5	-	-	10	10	1500	1	4
1016·6	-4	SW	6	cd	53	95	4	5	-	-	10	10	800	1	4
1022·7	+2	WSW	5	c/pr	54	95	7	5	-	-	10	10	2500	1	4
1012·1	-6	SW	6	dd	52	95	6	5	-	-	10	10	800	1	4
1009·8	-8	S'W	4	c	52	95	6	5	2	-	7·8	10	800	1	3
1013·0	-2	S'W	2	c	55	75	8	5	-	-	7·8	7·8	1500	1	*
1011·8	0	WSW	3	c	53	75	8	5	-	-	9+	9+	2500	1	*
1012·5	-2	SW'S	3	3₀	51	95	6	5	4	-	2·3	4·6	2500	1	*
1011·7	0	SSW	2	b	50	85	5	-	-	-	0	0	-	1	*
1013·3	0	WSW	-	c	50	95	7	-	2	-	0	10	-	1	1
1009·6	-2	SW	5	q	52	75	8	8	-	-	4·6	4·6	2500	1	*
1007·8	-4	W	3	bc	52	85	7	4	-	-	2·3	2·3	4000	1	2
1004·2	-4	SW	5	bc	51	95	8	5	-	-	4·6	4·6	1500	0	4
1003·9	+8	SW	4	bc	51	85	7	5	-	-	2·3	2·3	1500	1	*
1003·6	+2	S'W	5	c	51	75	7	8	-	-	9	9	2500	1	*
1006·9	+2	SSW	6	o/d	49	95	6	5	-	-	10	10	220	1	*
998·8	0	S	5	c	50	95	6	5	2	-	4·6	10	1500	1	4
996·3	+8	SW	5	c/pr	49	95	6	8	6	-	4·6	9	1500	1	2
1002·1	+4	SW	3	RR	44	95	6	3	6	-	4·6	10	800	1	
1001·8	-8	SSW	3	bc	49	85	7	6	-	-	2·3	2·3	1500	1	2
998·2	-2	SSW	4	c	48	95	8	8	1	-	7·8	9	1500	1	3
998·3	-3·2	S'W	6	rr	45	95	6	6	-	-	10	10	450	1	*
1000·2	-1·4	SW	7	q	51	85	8	9	-	-	9	9	800	1	4
999·7	-1·2	S'E	4	c	50	95	7	5	2	-	4·6	10	1500	1	1
1004·2	-·8	S	4	c	51	85	7	5	-	6	4·6	9	2500	1	*
1004·9	x	WSW	3	c	51	95	8	5	-	-	9	9	1500	1	2
1005·1	-2·0	SW	4	c/r	53	85	7	6	-	-	9	9	2500	1	*
1006·3	+2	S'W	6	c/pr	53	95	7	9	-	-	9+	9+	1500	1	5
1010·0	-1·0	SW	5	cr₀	53	95	6	6	-	-	10	10	1500	1	5

PAST 24 HOURS.

Weather. 7h.–13h. 30th (37)	13h.–18h. 30th (38)	18h. 30th to 1h. 31st (39)	1h.–7h. 31st (40)
cr₀c	cir₀	cir₀	cir₀ or r
bc or₀ d_0	cr₀ cd₀ d_0	cd₀ r d d	c d d d_0 r
cd₀ o	cd₀ d_0 d₀	od ir₀	or₀ Ro
or₀ d_0	od₀ rr₀	od r q	ir Rc
cr₀ d_0 d	od d_0 r₀	orr	or₀ r₀
bc r₀ d_0 d	f d r₀ d f	d d R f f	d r f f d
bc o r	o u r₀ q	o r d₀	cr d d r
c u d₀	c u d₀	c p r₀	c p r₀
c r r r₀ r₀	c u r₀ r₀ c₃	c z₀	c z₀ bc m₀ c
bc c o r	o r o q	o c bc q r r	o r₀ c q
c r₀ r r	c	c	c r r₀
c u r₀ o	c r₀ c	c	c o R b
c d₀ r₀ q	c q d₀ r₀	c r₀ r₀	c r₀ r₀
c p₀ o d	c i d₀	c d o r c	c P b c
o i d	o i d	o i d z₀	o r r z₀
c u r₀ r m₀	c o d₀ r m₀	o d₀ d₀ m₀	o d r r c
o p r m r	d₀ r i f	i f d₀ c	c p r c
c r i d m	c r i d m	c i d m	i r q b c
o c	o c p r	o R i r	o r p r
c q u r c	c q m₀ d d c	c q p r r R R	c q i r b c
o i d₀ o	c m₀	r₀ d₀ d₀ c	l c m₀ p r₀
r₀ i d₀ c	i d₀ c v	c b c	b - c
o r c b c	b c c	c c q b	q r₀ b b c
c r r₀	c b c m₀	b c c m₀	p r₀ b c
c u r	c b	b b c	c b r r
c r r	c o	b c	c b c p
o r r c r m₀	c r₀ q b c q	b z q c	c r r b
b c o u r	b c	b c c	o i r b c
c R R c	c b c q	c P R q₀	b c
o p r₀ c	P R q c	c p r b c	c b c b
o c r₀ c	o o c R₀	r e p c	c b c b

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. r_0, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ⊕ lunar halo. ⁄ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"t r" 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.

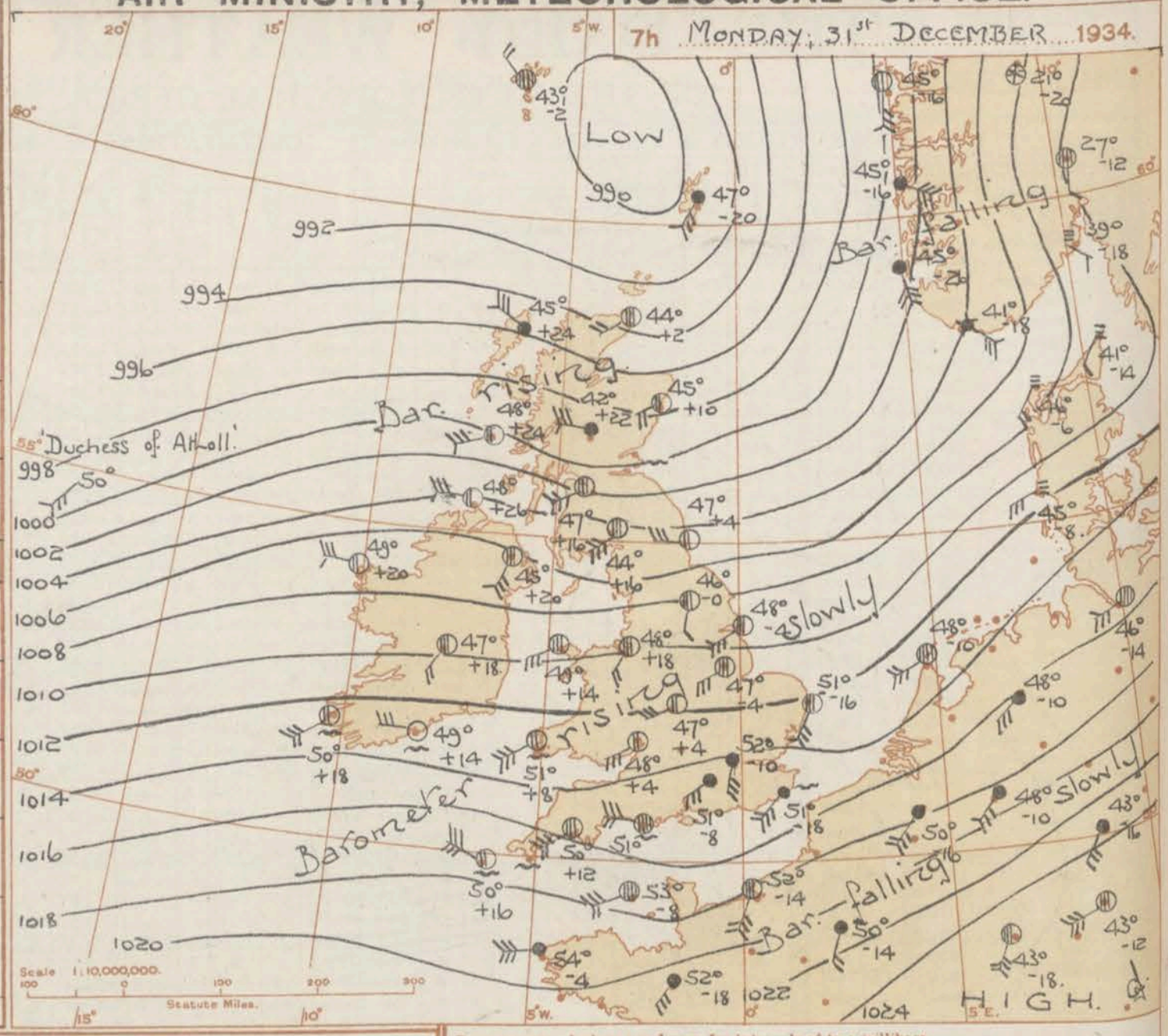
REPORTS from HEALTH RESORTS for 30th December 1934

District	Stations.	Weather. Fore-noon.	Weather. After-noon.	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.	odo	oro	36	51	-	1	0·0
	Bournemouth	d	d	41	53	0·3	2	0·0
	Ventnor ...	rou	orm	45	52	0·3	3	0·0
	Southsea ...	od$_o$ d$_o$	odd	43	53	Trace	1	0·0
	Bognor Regis	o	ocd	42	52	0·3	1	0·0
	Littlehampton	c	or$_o$	?	52	0·1	1	0·0
	Worthing ...	o	od	37	52	Trace	0·3	0·0
	Brighton ...	cod	dr	39	52	Trace	0·3	0·1
	Eastbourne†	o	odr$_o$	42	52	Trace	1	0·0
	Hastings† ...	o	od	40	52	0·2	0·3	0·0
	Folkestone ...	or$_o$	o	38	51	-	0·2	0·0
	Dover... ...	oid	ido	43	52	Trace	Trace	0·0
	Deal	od$_o$	od$_o$	40	51	-	Trace	0·0
	Ramsgate ...	cd	odo	41	51	-	0·3	0·0
	Margate ...	c	cd$_o$	40	52	Trace	Trace	0·0
2	Southend ...	or	or	40	50	Trace	0·2	0·0
	Maldon ...	orc	co	39	52	-	0·3	0·0
	Clacton-on-Sea	cbcor$_o$	ogm	40	49	-	0·3	0·0
	Dovercourt ...	roc	roc	39	50	0·4	0·2	0·0
	Lowestoft ...	c	copr	39	51	-	2	0·0
	Skegness ...	oro	o	38	51	Trace	3	0·0
	Mablethorpe	or	oc	38	52	2	0·3	0·0
	Cleethorpes ...	or$_3$	or$_o$	38	52	0·1	1	0·0
3	Leamington S.	oro	o	39	54	1	-	0·0
4	Cheltenham†	cmbcc	copc	40	54	-	0·3	1·0
5	Bath	odr$_o$	odr$_o$	42	55	0·3	0·3	0·0
	Weymouth ...	cd$_o$	por$_o$	46	54	0·3	1	0·0
	Jersey ...	bcpbc	codr	48	54	Trace	Trace	1·0
	Torquay ...	pd$_o$r$_m$	pd$_o$r$_m$	43	55	1	3	0·0
	Penzance ...	r	r	45	54	0·2	2	0·0
	St. Ives ...	d	d	44	55	3	0·5	0·0
	Bude	dr	odr	43	54	1	2	0·0
	Ilfracombe ...	od	od	45	55	0·3	2	0·0
6	Aberystwyth	cpr	cd	46	52	3	1	0·0
7	Llandudno ...	c	c	45	56	1	Trace	0·7
	Colwyn Bay...	obc	cbc	42	56	0·3	-	0·0
	Rhyl	cbc	bc	40	55	0·3	-	2·6
8	Wallasey ...	cbcc	cbc	41	55	1	-	0·0
	Southport‖ ...	orc	bcc	41	55	3	0·3	0·5
	Blackpool ...	or	cq	41	52	3	1	0·3
	Morecambe ...	rrorc	c bc	40	52	3	1	0·0
9	Ilkley... ...	c	p	42	53	2	1	0·0
10	Berwick-on-T.	or$_o$	cbc	40	53	2	Trace	0·1
11	Dunbar ...	bcr$_o$	bc	41	55	1	-	2·3
12	Troon... ...	crccc	cbccb	43	52	3	0·3	0·9
	Douglas ...	aqidc	cbcq	43	53	7	0·3	0·6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h MONDAY, 31st DECEMBER 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 31st December, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate west to southwest wind, fresh locally; local showers and bright intervals today, perhaps rain later tomorrow; mild.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Moderate or fresh west to southwest wind, backing and freshening tomorrow; bright intervals and showers today, rain tomorrow; rather mild.
9. N. Midlands 10. N.E. England 11. S.E. Scotland	As 1 - 4.
12. S.W. Scotland & Isle of Man 13. {A. W. Scotld. B. N.W. Scotland}	Moderate or fresh westerly wind, backing southwest or south and increasing; cloudy, occasional rain or showers, bright intervals locally today; dull with rain tomorrow; rather mild.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Moderate or fresh west or southwest wind; cloudy, occasional rain or showers, bright intervals locally; rather mild.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate westerly wind, backing and freshening; bright intervals and showers at first, dull with rain later; mild.

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

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

GENERAL INFERENCE.

A depression centred off North Scotland is moving east and further depressions will advance from the Atlantic. There will be bright intervals and showers in most districts at first, but general rain is likely to occur later in the West and spread eastwards.

FURTHER OUTLOOK.

Rain at times; mild.

Forecasts issued at 1000 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

Morning of
Monday.
31st December.
1934.

Clarke's Projection Scale 1: 4 x 10⁷ along meridian at 55°N
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 31st December 1934.

No. 26702

OBSERVATIONS at 1 hr. G.M.T. 31st December

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	1017.2	-10	SSW	4	dd	53	95	5	6	-	-	10	10	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1018.8	-18	SW	5	dz	51	95	2	6	-	-	10	10	<150
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1014.9	-16	SSW	5	Y_oY_o	51	95	6	6	-	-	10	10	800
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1016.8	?	WSW	6	rr	51	95	6	5	-	-	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1017.1	-4	SW	6	c	52	95	7	5	-	-	9+	9+	2500
	Scilly (St. Mary's)	163	1015.4	-12	WSW	6	c	52	95	6	5	-	-	7-8	7-8	1500
	Guernsey	175	1021.0	-12	SW'W	5	o1r	53	95	6	5	-	-	10	10	1500
6	Pembroke	142	1010.7	-8	SW	8	RR	52	95	6	6	-	-	10	10	800
7	Holyhead	26	1007.4	-8	SW	5	c	52	95	6	5	-	-	10	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1010.3	-10	SW'W	4	bc	50	95	7	-	1	-	0	4-6	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1005.0	-18	W	4	c	52	85	7	9	-	-	7-8	7-8	1500
11	Inchkeith	190	1000.2	-20	WSW	5	bc	51	95	8	5	-	-	4-6	4-6	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	993.2	-10	SSW	3	c/pr	47	95	6	8	6	-	4-6	7-8	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	995.4	-18	S	3	c	47	95	8	5	1	-	7-8	9	1500
16	Lerwick	156	996.1	-10	SSW	4	bc	46	95	8	5	2	-	4-6	4-6	1500
17	Blacksod Point	18	1003.5	+20	S	5	bcq	50	85	7	9	-	-	2-3	2-3	800
18	Malin Head	52	999.7	+14	W	5	c2	49	95	7	9	-	-	9+	9+	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1008.2	+10	S'W	4	bc	49	95	8	3	-	-	4-6	4-6	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 31st December

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1013.8	-10	SW	3	rr	52	93	7	6	2	-	10	10	1500	1	*
1014.6	-10	SSW	3	ir	52	85	7	-	2	-	0	10	-	1	*
1014.1	-8	SW'W	3	RR	51	95	6	6	2	-	9+	10	1500	1	*
1014.0	-6	W	3	c/r	47	95	7	6	-	-	9	9	800	1	*
1014.8	-16	WSW	4	r_or_o	52	95	7	5	-	-	10	10	800	1	2
1015.4	-18	SW	5	d_od_o	51	95	6	6	-	-	10	10	220	1	§4
1014.9	-8	S	4	dd	52	96	6	6	-	-	10	10	450	1	*
1014.2	+10	SW	3	c	51	95	8	5	2	7	4-6	10	1500	1	*
1013.4	-12	SW'S	4	c	49	95	7	5	7	8	2-3	9+	2500	1	3
1012.0	-16	SSW	4	c	51	95	6	-	2	-	0	9	-	1	2
1010.5	-4	WSW	3	c	47	95	7	5	1	-	4-6	7-8	2500	1	*
1011.9	+4	WSW	3	bc	47	85	8	-	7	-	0	4-6	-	1	*
1012.7	-6	SW	3	c_2	48	95	6	5	-	-	9	9	800	1	*
1012.1	+4	WSW	3	bc	48	86	7	5	2	1	2-3	4-6	4000	1	*
1014.8	.	WNW	5	rr	51	95	6	5	-	-	10	10	1600	1	5
1016.1	+12	WSW	5	c	50	85	8	5	3	-	4-6	7-8	4000	X1	3
1017.0	+8	W'S	6	c	50	95	7	8	7	-	4-6	7-8	2500	1	4
1017.1	+16	WNW	6	bc	50	95	6	5	-	-	2-3	2-3	2500	1	4
1017.9	-8	W'S	5	o	53	95	7	5	-	-	10	10	1500	2	
1011.5	+8	W'S	6	bcq	51	95	7	5	-	-	2-3	2-3	1500	1	4
1009.9	+14	WSW	3	b/pr	49	85	6	5	4	-	1	1	2500	1	2
1010.8	+18	SW	2	c	48	75	7	5	-	-	9	9	2500	1	*
1010.1	+12	WNW	4	bc	48	75	8	5	-	-	4-6	4-6	2500	1	*
1010.1	+10	SW'W	3	bc_2	47	86	6	5	3	-	4-6	4-6	2500	1	*
1008.5	0	SSW	1	c	46	85	7	6	-	-	9+	9+	2500	3	*
1008.1	-4	W'S	4	c	48	95	7	5	7	-	4-6	7-8	1500	1	3
1006.9	+16	-	0	bc	47	85	7	5	-	-	4-6	4-6	2500	1	*
1004.6	+4	W	3	bc	47	76	7	4	-	-	2-3	2-3	4000	1	2
1001.9	+14	SW	5	bc	47	85	8	5	4	-	2-3	4-6	1500	0	4
999.9	+16	WSW	4	b	45	85	7	5	-	-	1	1	2500	1	*
1002.5	+16	SW'W	5	6 bc_7	47	85	6	8	-	-	2-3	2-3	2500	1	*
1004.5	+16	WSW	5	c	44	85	6	5	-	-	9	9	1500	1	
1001.8	+24	WSW	4	bc	48	85	8	5	6	-	2-3	2-3	2500	1	3
996.9	+24	WNW	4	rr	45	95	6	5	-	-	10	10	800	1	2
1000.4	+22	W	4	RR	42	85	6	3	6	-	7-8	10	800	2	*
997.8	+10	SW	2	bc	45	75	8	35	4	-	0	4-6	-	1	2
993.9	+2	SW	2	c	44	95	8	8	1	-	7-8	9+	1600	1	3
991.9	-20	SSW	4	ir	47	95	7	6	2	-	7-8	10	450	1	*
1007.1	+20	W	4	bc	49	85	8	4	-	-	4-6	4-6	1500	1	3
1004.5	+26	W	4	bc	48	95	7	3	-	-	2-3	2-3	800	1	1
1007.3	+20	SW'S	4	c	46	95	7	5	3	-	7-8	7-8	2500	1	*
1006.8	.	SW	3	bc	47	95	8	5	3	-	4-6	4-6	1500	0	2
1010.0	+18	SW	2	c/pr	47	95	7	8	-	-	7-8	7-8	2600	1	*
1013.2	+18	SW'W	5	bc	50	86	8	5	-	-	4-6	4-6	1500	1	5
1013.3	+14	W	3	b	49	85	8	-	-	-	0	0	-	1	4

PAST 24 HOURS.

Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 30th Hrs. (36)
53	52	40	0.1	2	0.0
53	52	37	0.2	1	0.0
52	51	49	1	5	0.0
53	47	46	1	5	0.0
53	51	50	1	3	0.0
50	49	48	0.3	5	0.0
51	50	49	0.3	1	0.1
52	49	47	0.1	0.2	0.0
50	48	47	1	-	0.0
51	51	48	2	Tr	0.0
53	47	46	2	2	0.0
52	46	43	Tr	7	0.0
52	47	44	1	2	*
54	48	43	1	2	0.2
54	50	*	2	4	*
53	50	47	2	4	0.0
63	49	*	1	5	*
53	49	*	2	2	0.0
54	53	50	0.3	12	0.0
52	41	*	1	4	0.0
53	49	46	1	0.5	0.6
56	48	39	Tr	-	0.0
54	47	44	0.4	0.1	0.0
54	46	38	1	0.1	0.0
52	45	41	3	3	0.0
50	47	*	1	1	0.0
54	47	39	1	1	0.0
53	47	41	2	2	*
53	46	43	4	2	1.6
52	44	40	3	4	0.2
54	46	42	3	13	0.2
50	42	41	13	6	0.0
50	45	41	6	9	0.0
50	44	*	7	6	0.0
47	39	38	10	16	0.0
50	45	41	0.3	-	0.0
48	42	*	2	1	*
50	42	41	13	6	0.0
53	46	*	1	0.3	*
52	46	*	1	1	1.7
53	44	41	0.2	0.5	0.6
55	49	*	2	1	*
56	45	39	0.1	5	2.4
56	49	44	4	1	0.3
54	48	*	0.2	2	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather Morning.	Weather Afternoon.	Weather Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	cr_oc	cir_o	cir_orr	53	52	40	0.1	2	0.0	*	*	6
Croydon	217	bcm_od_o	cm_od_d	cd_odr_o	53	52	37	0.2	1	0.0	*	*	5
Greenwich (Royal Observatory)	149	cir_om_o	cir_om_o	d_orrm_o	53	49	47	0.3	4	0.0 0.0	94	89	5
City (Bunhill Row)	—												
Westminster (St. James' Park)	27	*	*	*	54	51	47	4		0.1	90	87	*
Regents Pk. (Botanic Gardens)‡	168	*	*	*	55	48	47	Tr	3	0.0	93	93	*
Camden Square	110	ecd	ecd	e	53	50	46	Tr	3	*	*	86	*
Kensington	80	odc	ccr	orco	53	50	41	0.3	5	0.0	At 18h. 99	89	*
Hampstead Observatory	450	or	od	or	53	46	42	0.3	4	0.0	*	95	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 31st

South Kensington. Max.	Time.	Min.	Time.
Not available.			

Kew Observatory. Max.	Time.	Min.	Time.
0.2	13h 30m	<0.1	0h-6h 31sc

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 30th December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 31st December. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1027.7	SSW	3	c	48	1022.5	SSW	2	ir_o	50	48	43	Tr	2
Brussels	1024.4	SW	4	c	45	1019.0	SW	5	ir_o	50	48	46	0.1	4
Berlin	1023.0	W	4	c	45	1021.0	SW	4	id_o	41	46	39	0.1	Tr
Zurich						1031.0	SE	1	cm	37	"	36	-	-
Rome	1020.7	NW	2	b	48	Ic					"	"		

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.

G. C. Simpson, 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 9h. § Sea disturbance reported from Dungeness.